APPENDIX F

HAZARDOUS MATERIALS

- *Phase I Environmental Site Assessment*

Corporate Headquarters
Minneapolis, MN

Serving clients around the globe

September 19, 2019

M&T Bank
MTB Environmental Risk Department
350 Park Avenue, 6th Floor
New York, NY 10010
Attn: William Hayden
Environmental Risk Manager

Re: Phase I Environmental Site Assessment Report
Vacant Land (Two Trees Management Company)
87 and 105 River Street and W. 1st Street
Brooklyn, NY 11211
Nova Project No.: R19-5753
M&T Bank Project No.: 19-002028-08-1

In accordance with our agreement, Nova Consulting Group, Inc. (Nova) has performed a Phase I Environmental Site Assessment (ESA) of the above referenced property in accordance with ASTM E 1527-13 and M&T Bank ESA scope of work. Please find a copy of the report enclosed.

We declare that to the best of our knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR and, we have the specific qualifications based on education, training, and experience to assess the Property, as described herein. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR, Part 312.

We certify that we have no undisclosed interest in the Property, and that our employment and compensation are not contingent upon our findings and opinions. The scope of this assessment, methodology, limiting conditions, and reliance language are outlined within this report.

Respectfully submitted,
NOVA CONSULTING GROUP, INC.
Reviewed by:

Dave Pulvermiller
Field Associate
Environmental Professional

Deanna Lee
Senior Project Manager

Ray Hutchison
Vice President

PHASE I ENVIRONMENTAL SITE ASSESSMENT

VACANT LAND (TWO TREES MANAGEMENT COMPANY)
87 AND 105 RIVER STREET AND W. 1ST STREET
BROOKLYN, NY 11211

REPORT DATE: SEPTEMBER 19, 2019
NOVA PROJECT NO. R19-5753
M&T BANK PROJECT NO. 19-002028-08-1

PREPARED FOR
M&T BANK
MTB ENVIRONMENTAL RISK DEPARTMENT
350 PARK AVENUE, 6TH FLOOR
NEW YORK, NY 10010
ATTN: WILLIAM HAYDEN, ENVIRONMENTAL RISK MANAGER

PREPARED BY
NOVA GROUP, GBC
131 PASCACK ROAD
PARK RIDGE, NJ 07656
RAY HUTCHISON
VICE PRESIDENT
(201) 391-0520
www.novagroupgbc.com

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Providing Innovative Solutions for the Global Real Estate Industry Since 1987

Project Summary

Nova was authorized by M&T Bank to conduct a Phase I Environmental Site Assessment (ESA) of Vacant Land (Two Trees Management Company) located at 87 and 105 River Street and W. 1st Street, Brooklyn, NY ("the Property"). Nova has conducted this ESA in general accordance with the scope and limitations of ASTM Designation E1527-13, “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”. There are no exceptions to, or deletions from the ASTM E1527-13 standard practice and authorized Scope of Services, unless otherwise stated herein.

REPORT SECTION		NO FURTHER ACTION	REC	CREC	HREC	OTHER ENVIRONMENTAL CONSIDERATIONS	RECOMMENDED ACTION
2.4	Current Property Use	✔					
2.6	Current Use of Adjoining Property	✔					
3.1.1	State and Federal Regulatory Review		✔		✔		Cleanup of contamination at the Property should be performed under regulatory oversight. Engineering and institutional controls, Health and Safety Plan, Community Air Monitoring Plan (CAMP), and Soil Management Plan will be needed for the new construction. The vapor intrusion pathway should be evaluated prior to construction.
3.1.2	Vapor Migration		✔				See Section 3.1.1.
3.3	Historical Use Information					✔	If encountered during the proposed redevelopment, the gasoline tank depicted onsite in the 1942 map should be removed in accordance with applicable regulations.
4.1	Hazardous Substances / Petroleum Products	✔					
4.4	Storage Tanks	✔					
4.7	PCBs	✔					
4.10	Evidence of a Release	✔					
5.1	Asbestos Containing Materials (ACMs)	✔					
5.2	Lead-Based Paint (LBP)	✔					
5.3	Radon	✔					

REPORT SECTION		NO FURTHER ACTION	REC	CREC	HREC	OTHER ENVIRONMENTAL CONSIDERATIONS	RECOMMENDED ACTION
5.4	Evidence of Mold	✔					
5.5	Lead in Drinking Water / Overall Drinking Water Quality	✔					

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EXECUTIVE SUMMARY

Nova was authorized by M&T Bank to conduct a Phase I Environmental Site Assessment (ESA) of the Vacant Land (Two Trees Management Company) property located at 87 and 105 River Street and W. 1st Street, Brooklyn, NY ("the Property"). Nova has conducted this ESA in general accordance with the scope and limitations of ASTM Designation E1527-13, “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.”

The Property is comprised of three contiguous tracts of irregular-shaped land that is approximately 3.2 acres in size. The Property is currently vacant land.

Findings and Opinions

Evidence of recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), controlled recognized environmental conditions (CRECs) or other environmental issues in connection with the Property or off-Property facilities, if any, are detailed within the table below.

FINDING(S)	OPINION(S)
Property - RECs	

FINDING(S)	OPINION(S)
The Property was historically utilized as a No. 6 fuel oil storage complex for Con Edison North First Street Terminal (NFST) from the 1960s until decommissioned in 2012. The entirety of two of the three Property parcels (central and northern parcels, aka Complex A and B) was occupied by large fuel oil aboveground storage tanks (ASTs) that were removed in 2012. The facility is a New York State Department of Environmental Conservation (NYSDEC) Major Oil Storage Facility (MOSF) (MOSF ID No. 2-1480). Subsurface investigations were conducted on behalf of Con Edison from 1999 through 2012 in order to assess potential impact from the oil storage. These activities included soil and groundwater assessments and excavation of one area of petroleum-contaminated soil. The NYSDEC approved the work conducted for the MOSF assessment and issued a letter on July 24, 2012 indicating that no further action (NFA) was required specifically in relation to the former MOSF. The letter also indicated that volatile organic compounds (VOCs) and semi-VOCs (SVOCs) contamination was present at the Property above cleanup guidance levels and Manhattan background data. Soil exceedances included elevated levels of acetone, benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, chrysene ethylobenzene, indeno(1,2,3-cd)pyrene, toluene, and total xylenes. Groundwater exceedances included most of the analyzed VOCs and SVOCs compounds. The NFA letter indicated that elevated concentrations of toluene, xylene, and acetone as well as levels of heavy metals concentrations on Complex A appear to be linked to the adjacent up-gradient Fyn Paint & Lacquer Company (Fyn Paint) facility. Subsequent investigations continued to be performed at the Property on behalf of Con Edison at Complex A as well as the smaller southernmost parcel until 2017 in an effort to further assess contamination that appeared to be migrating from the Fyn Paint facility. These assessments also concluded that the Property has been impacted by contamination that appeared to be migrating from the Fyn Paint facility. Previous assessments of Complex B on behalf of Con Edison identified contamination that did not appear to be from the tank farms or piping. The contamination included elevated and detectable SVOCs and heavy metals in soils that exceeded NYSDEC Protection of Groundwater Soil Cleanup	The presence of contamination in soil and groundwater at the Property and potential vapor migration concern are considered a REC.

FINDING(S)	OPINION(S)
Objectives (SCO) or Residential SCOs. The consultant that conducted the assessments suspected this contamination to be from urban fill, creosote pilings or railroad ties. Based on review of available historical information, soil and groundwater contamination is present at the Property above cleanup levels and present a potential vapor migration concern for the Property. Some of the contamination is suspected to be migrating from the adjacent Fyn Paint facility. Fyn Paint is currently undergoing assessment and cleanup activities under the oversight of the NYSDEC. Other contamination has been reported to be from urban fill, creosote pilings or railroad ties.	
Property - CRECs	
None	None
Property - HRECs	
As discussed above, the former No. 6 fuel oil ASTs on the Property for use by Con Edison NFST, and registered under MOSF ID No. 2-1480, have been issued NFA by the NYSDEC in a letter dated July 24, 2012.	Based on the NYSDEC-approved assessment and cleanup work conducted, and 2012 NYSDEC NFA letter, the former No. 6 fuel oil ASTs are considered an HREC and no further action appears warranted at this time in relation to the former ASTs.
The Property is identified with multiple NYSDEC SPILLS cases and one LST case that were closed.	Based on the regulatory closures, the former SPILLS and LST cases are considered an HREC an no further action appears warranted at this time in relation to these cases.
Off-Property - RECs/CRECs/HRECs	
As discussed above, the adjacent up-gradient Fyn Paint facility appears to have impacted soil and groundwater at the Property and represents a potential vapor migration concern.	The presence of contamination in soil and groundwater at the Property and potential vapor migration concern are considered a REC.
***De Minimis* Environmental Conditions**	
None	None

Non-Scope Considerations (NSCs)/Business Environmental Risks (BERs)

Environmental issues with regard to NSCs and/or BERs, if any, identified in connection with the Property at the time of the Property assessment are detailed below.

FINDING	RECOMMENDATION
A gasoline tank was depicted on the southeastern portion of the Property central parcel on the 1942 Fire Insurance Map, and was not depicted in the earlier or later maps. According to review of the provided environmental reports, benzene was detected at 2.2 micrograms per liter (ug/L) from the groundwater sampling in 2010 at MW-10, which was located near the depicted location of the gasoline tank. No concentrations were detected above the regulatory action levels for benzene at this well. Although no documentation was available confirming the removal of the tank, the tank, if remaining, was potentially encountered and removed when the area was developed with large AST(s) in the 1960s that would have required certain depth of soil excavation.	No documentation was available confirming the proper closure/removal of the former gasoline tank depicted on the 1942 historical Fire Insurance Map. However, considering the subsequent redevelopment of the area with large ASTs and based on the findings of subsurface investigations in nearby areas, it does not appear likely the former gasoline tank or associated contamination remain onsite. If a tank is encountered during the proposed redevelopment of the Property, it should be removed properly in accordance with applicable regulations.

1.0 INTRODUCTION

Nova was authorized by M&T Bank, to conduct a Phase I Environmental Site Assessment (ESA) of Vacant Land (Two Trees Management Company) located at 87 and 105 River Street and W. 1st Street, Brooklyn, NY ("the Property"). Nova has conducted this ESA in general accordance with the scope and limitations of American Society for Testing and Materials (ASTM) Designation E1527-13, “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.” There are no exceptions to, or deletions from the ASTM E1527-13, unless otherwise stated herein.

On August 29, 2019, Dave Pulvermiller, representing Nova, conducted a Property reconnaissance to assess the possible presence of recognized environmental conditions (RECs) and non-ASTM environmental issues, as prescribed by the scope of work, at the Property. Nova’s assessment included review of ASTM-defined sources of historical information, reconnaissance of adjoining properties, background research, and review of available local, state, and federal regulatory records.

Nova contracted Environmental Risk Information Services (ERIS), to perform a computer database search for local, state, and federal regulatory records pertaining to environmental concerns for the Property and facilities in the vicinity of the Property.

1.1 Purpose

The purpose of this ESA was to identify the potential for recognized environmental conditions, controlled recognized environmental conditions (CRECs), historical recognized environmental conditions (HRECs), and *de minimis* conditions (as defined by ASTM E1527-13) to exist at the Property. The term recognized environmental conditions (REC) means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term Controlled Recognized Environmental Condition means a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The term historical recognized environmental condition indicates a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The term REC is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of

appropriate governmental agencies.

Nova understands this ESA is also being completed to assist in qualifying for Landowner Liability Protections (LLPs) under CERCLA unless otherwise so stated in this report.

1.2 Scope of Services

Nova's Scope of Services for this Phase I ESA conforms with the due diligence standards detailed in ASTM E1527-13. Services provided for this project included:

- A records review of standard federal, state, tribal and local record sources, as well as physical setting sources;
- A review of standard historical resources regarding historical land use activities at the Property;
- Interviews with people that have knowledge regarding the past or present uses of the Property, including present and past owners, operators, and occupants of the Property, as well as with local government officials, where feasible;
- A reconnaissance of the Property to visually and physically observe the Property for evidence of RECs; and
- Review of previous environmental reports, if available.

Copies of resumes of Nova staff involved in the preparation of this report are included in the Appendix.

Nova investigated the Property for certain Non-Scope Considerations (NSCs) and/or Business Environmental Risks (BERs) that are not considered in the CERCLA definition of hazardous substances (42 USC § 9601.14) nor specifically required per ASTM E1527-13. A summary of NSC assessment is found within the NSC/BER section of this report. This assessment did not include sampling or testing of materials (i.e. building, radon, soil, water, or air). This assessment included an evaluation for a potential vapor intrusion or encroachment condition to exist at the Property.

1.3 Significant Assumptions

There is a possibility that even with the proper application of these methodologies there may exist on the Property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Nova believes that the information obtained from the record review and the interviews concerning the Property is reliable. However, Nova cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete.

1.4 Limitations and Exceptions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in the ASTM E1527-13. Nova was not requested to limit or deviate from

the ASTM E1527-13 during the conduct of this assessment. The following limiting condition(s), deletion(s), deviation(s), and/or data failure(s)/data gap(s) as listed, if any, are not critical and do not alter the conclusions or recommendations of this assessment unless otherwise stated.

1.4.1 Limiting Conditions

Limiting Conditions include physical obstructions such as adjacent buildings, bodies of water, asphalt/concrete, or other paved surface areas, as well as other physical constraints including rain or snow, observed at the time of the assessment.

- Except for the lack of interior access to the southwest portion of the Property that was fenced-in and a security gate along North 1st Street in which the Con Edison representative had to key for the lock, no other significant inaccessible areas, limitations or physical obstructions/constraints were encountered during the Property reconnaissance.

1.4.2 Data Gaps

A data gap, as defined in ASTM E1527-13, is the "*lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information*."

- Data gaps in excess of the recommended five-year interval were encountered. However, based on the available information reviewed, this data failure is not considered to be a significant data gap and is not expected to alter the conclusions or recommendations of this assessment.
- Nova encountered a data gap by not interviewing current or past Property owners, or adjoining property owners, as none were available for comment, did not respond to requests to information, or did not exist. However, based on our review of the available municipal, regulatory, and historical information, the absence of information obtained from interviews with these individuals is not considered significant to the findings, conclusions, or recommendations of this assessment.
- A Freedom of Information Act (FOIA) request was submitted to the New York State Department of Environmental Conservation (NYSDEC) in an attempt to obtain further information regarding the Property or adjoining property to the east. As of the date of this ESA, a response has not been received.
- The Fire Department City of New York (FDNY) was unresponsive to information requests. Based on our review of the available municipal, regulatory, and historical information, the absence of information obtained from interviews with referenced agencies is not considered significant to the findings, conclusions, or recommendations of this assessment. Should information be received from referenced agencies that alters the findings of this ESA, an addendum to this report will be provided under separate cover.

1.5 Special Terms and Conditions

Authorization to perform this work was given by a directive from M&T Bank.

The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No subsurface exploratory drilling or sampling was done under the scope of this work. Unless specifically stated otherwise in the report, no chemical analyses have been performed during the course of this ESA.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

The content and conclusions provided by Nova in this report are based solely on the information collected during our investigation and activities at the Property, our present understanding of the Property conditions, and our professional judgment in light of such information at the time this report was prepared. Part of the findings in this investigation is based on data provided by others. This report presents Nova's professional opinion, and no warranty, expressed or implied, is made.

1.6 User Reliance

M&T Bank and its affiliates (collectively, "Client") may use and rely upon this Report in connection with a planned loan securitization or planned financial transaction involving the Property.

2.0 PROPERTY DESCRIPTION

2.1 User Provided Information

Pursuant to ASTM E1527-13, Nova requested the following Property information from the User of this report and from the Key Site Manager (KSM). Information provided by the User (if any) or the KSM is included in various sections of this report.

USER PROVIDED INFORMATION		
ITEM	PROVIDED BY USER	NOT PROVIDED BY USER
Environmental Pre-survey Questionnaire		✔
Title Records		✔
Environmental Cleanup Liens or AULs (40 CFR 312.25 and 40 CFR 312.26(a)(1)(v) and vi))		✔
Specialized Knowledge (40 CFR 312.28)		✔
Valuation Reduction for Environmental Issues (40 CFR 312.29)		✔
Identification of Key Property Manager	✔	
Reason for Performing Phase I ESA	✔	
Prior Environmental Reports	✔	
Other		✔

2.2 Location and Legal Description

According to the New York City Department of Buildings (NYC DOB), the Property is comprised of three contiguous tracts of irregular-shaped land. A topographic map, as well as figures are included in the Appendices. A summary of Property details is provided below.

LOCATION AND LEGAL DESCRIPTION	
Property Location	87 and 105 River Street and W. 1st Street, Brooklyn, Kings County, NY 11211
APN(s)	2376-50, 2361-1, and 2355-1
Historical/Listed Property Address(es)	87-125 River Street, 1-25 Metropolitan Avenue, 2-36 Metropolitan Avenue, 1-27 North 1st Street, and 2-26 North 3rd Street.
Acreage	3.2
Abbreviated Legal Description	Detailed legal descriptions are provided in the Appendix.
Current Owner / Date of Acquisition	Consolidated Edison Co./1986
Survey Map / Alta Survey	A survey/plat map depicting current and/or future Property features/ development was not provided.

2.3 Property and Vicinity General Characteristics

Nearby land use in the vicinity of the Property as well as the general setting of the Property is described below.

PROPERTY AND VICINITY GENERAL CHARACTERISTICS	
General Surrounding Area Use	Combined mixed use residential/commercial/industrial.
Zoning Information	Manufacturing (M3-1)
On-Property Parking Facilities	Except for Metropolitan Avenue running through the central portion of the Property from east to west paved with asphalt and concrete, no other surface parking or parking facilities are currently present within the limits of the Property.
Public Thoroughfares/Roads	Property: Metropolitan Avenue North: North 3rd Street East: River Street South: North 1st Street West: N/A
Landscaping	Grasses, trees, and shrubs are located throughout the Property growing through the gravel and crushed stone surface materials. The wetland vegetation phragmites was observed along a portion of the eastern Property boundary.
Geologic and Hydrogeologic Conditions	No apparent routes of direct discharge that have the potential of facilitating the migration of hazardous substances or petroleum products that are likely to migrate to or from the Property, or from nearby/adjoining property were observed. Water bodies were not observed within the limits of the Property, however, the East River adjoins the Property to the west.

2.4 Current Property Use

Based on current assessment efforts, the Property is currently vacant land that is covered with vegetation growing through surface gravel and crushed stone. A small wood framed electrical shed is located at the eastern portion of the Property.

2.5 Description of Property Improvements

The following table summarizes Property improvements based on interview information and review of publicly ascertainable sources, as well as observations made during the reconnaissance of the Property. Interior finishes of the Property building(s), if any, and information regarding extensive renovations, as applicable, are detailed within the Property Reconnaissance section.

SUMMARY OF PROPERTY IMPROVEMENTS						
BUILDING NAME	NO. OF STORIES	SUB-LEVELS	CONSTRUCTION DATE	FOUNDATION	EXTERIOR	ROOF
Electrical shed	1	None	Unknown	Metal framed	Metal Panels	Metal Panels (sloped)

2.5.1 Services and Utilities

The following municipal services and utilities are provided to the Property and/or the surrounding area.

UTILITIES	
ITEM	DESCRIPTION
Potable Water Supply	Provided and maintained by the New York City Department of Environmental Protection (NYCDEP). Please note that no current water connection is provided to the Property.
Sewage Disposal System	Provided and maintained by the New York City Department of Environmental Protection (NYCDEP). Indication of a Property septic system or cesspool was not observed at the Property during the reconnaissance and/or review of publicly available resources. Please note that no current sewer service is provided to the Property.
Storm Water	Directed to catch drains along Metropolitan Avenue that discharge to the municipal system or direct percolation that surface gravel and crushed stone.
Electricity / Natural Gas	Con Edison / None
Heating/Cooling Systems	Not applicable (N/A)

2.6 Current Use of Adjoining Property

During the vicinity reconnaissance, Nova observed the following land use on properties in the immediate vicinity of the Property.

CURRENT USE OF ADJOINING PROPERTY	
North	North 3rd Street, followed by an apartment building (194 Kent Avenue).
East	River Street, beyond which is an office building being constructed (206 Kent Avenue), undeveloped lot (218 River Street and 230 Kent Avenue), and office building to the southeast (240 Kent Avenue)
South	A New York Power Authority Kent Power Plant (49 River Street), and Grand Ferry Park to the southeast of the southwest portion of the Property.
West	Former oil fueling docks and the East River.

Based on investigation of current adjoining land use, the current use, treatment, storage, disposal or generation of hazardous substances or petroleum products was not observed. RECs were identified based on the former uses of the adjoining property to the east as

described above.

3.0 RECORDS REVIEW

3.1 Standard Environmental Record Sources

3.1.1 State and Federal Regulatory Review

Information from standard federal, state and tribal environmental record sources was provided through ERIS. Data from governmental agency lists are updated and integrated into one database, which is updated as data is released. This integrated database also contains postal service data in order to enhance address matching. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. The accuracy of the geocoded locations is approximately +/-300 feet.

In some cases, location information supplied by the regulatory agencies is insufficient to allow the database companies to geocode facility locations. These facilities are listed under the unmappables section within the database report. Any unmappables identified in the regulatory database are discussed below in the appropriate sections.

3.1.1.1 Regulatory Report Summary

The following is a summary of facilities identified/present in the standard/additional database sources within the ASTM prescribed Approximate Minimum Search Distance (AMSD). Refer to the Regulatory Records Appendix for a complete listing.

Regulatory Report Summary

DATABASE	SEARCH RADIUS	TARGET PROPERTY	WITHIN 0.12MI	0.12MI TO 0.25MI	0.25MI TO 0.50MI	0.50MI TO 1.00MI	TOTAL
ALT FUELS	0.25	0	3	3	-	-	6
AST	0.25	1	5	11	-	-	17
BROWNFIELDS	0.5	0	2	2	11	-	15
BULK TERMINAL	0.25	0	0	0	-	-	0
CBS	0.25	1	0	0	-	-	1
CERCLIS	0.5	0	1	0	3	-	4
CERCLIS LIENS	0.02	0	-	-	-	-	0
CERCLIS NFRAP	0.5	0	0	0	3	-	3
CORTLAND TANKS	0.25	0	0	0	-	-	0
DELETED NPL	0.5	0	0	0	0	-	0
DELISTED COUNTY	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	0.25	0	0	0	-	-	0
DELISTED FED DRY	0.25	0	0	0	-	-	0
DELISTED ILST	0.5	0	0	0	0	-	0
DELISTED IUST	0.25	0	0	0	-	-	0
DELISTED LST	0.5	0	0	0	0	-	0
DELISTED TANKS	0.25	1	3	2	-	-	6

DATABASE	SEARCH RADIUS	TARGET PROPERTY	WITHIN 0.12MI	0.12MI TO 0.25MI	0.25MI TO 0.50MI	0.50MI TO 1.00MI	TOTAL
DRYCLEANERS	0.25	0	0	0	-	-	0
DSHW	1.0	0	0	0	0	0	0
E DESIGNATION	0.125	0	26	-	-	-	26
ENG	0.5	0	0	1	3	-	4
ERNS	0.02	1	2	-	-	-	3
ERNS 1982 TO 1986	0.02	0	-	-	-	-	0
ERNS 1987 TO 1989	0.02	0	-	-	-	-	0
ERP	0.5	0	1	0	0	-	1
FED BROWNFIELDS	0.5	0	0	0	0	-	0
FED DRYCLEANERS	0.25	0	0	0	-	-	0
FED ENG	0.5	0	0	0	0	-	0
FED INST	0.5	0	0	0	0	-	0
FEMA UST	0.25	0	0	0	-	-	0
FINDS/FRS	0.02	1	5	-	-	-	6
FTTS ADMIN	0.02	0	-	-	-	-	0
FTTS INSP	0.02	0	-	-	-	-	0
FUDS	1.0	0	0	0	0	0	0
GEN MANIFEST	0.125	1	44	-	-	-	45
HIST MLTS	0.02	0	-	-	-	-	0
HIST TSCA	0.125	0	0	-	-	-	0
HMIRS	0.125	0	0	-	-	-	0
HSWDS	1.0	0	0	0	9	2	11
ICIS	0.02	4	3	-	-	-	7
INDIAN LUST	0.5	0	0	0	0	-	0
INDIAN UST	0.25	0	0	0	-	-	0
INST	0.5	0	1	1	4	-	6
IODI	0.5	0	0	0	0	-	0
LST	0.5	1	4	3	27	-	35
MGP	1.0	0	0	0	1	2	3
MINES	0.25	0	0	0	-	-	0
MLTS	0.02	0	-	-	-	-	0
MOSF	0.5	1	1	1	1	-	4
NASSAU TANKS	0.25	0	0	0	-	-	0
NCDL	0.125	0	0	-	-	-	0
NPL	1.0	0	0	0	0	0	0
NY MANIFEST	0.125	0	0	-	-	-	0
NY SPILLS	0.125	5	65	-	-	-	70
ODI	0.5	0	0	0	0	-	0
PCB	0.5	0	1	0	0	-	1
PFAS	0.5	0	0	0	1	-	1
PFAS NPL	0.5	0	0	0	0	-	0
PFAS TRI	0.5	0	0	0	0	-	0
PROPOSED NPL	1.0	0	0	0	0	0	0
PRP	0.02	0	-	-	-	-	0
RCRA CESQG	0.25	1	1	4	-	-	6
RCRA CORRACTS	1.0	0	1	0	0	0	1
RCRA LQG	0.25	0	3	6	-	-	9
RCRA NON GEN	0.25	1	21	46	-	-	68

DATABASE	SEARCH RADIUS	TARGET PROPERTY	WITHIN 0.12MI	0.12MI TO 0.25MI	0.25MI TO 0.50MI	0.50MI TO 1.00MI	TOTAL
RCRA SQG	0.25	0	2	1	-	-	3
RCRA TSD	0.5	0	1	0	0	-	1
REC MANIFEST	0.25	0	2	0	-	-	2
REFN	0.25	0	0	0	-	-	0
ROCKLAND TANKS	0.25	0	0	0	-	-	0
SCRD DRYCLEANER	0.5	0	0	0	0	-	0
SEMS	0.5	0	1	0	0	-	1
SEMS ARCHIVE	0.5	0	0	0	3	-	3
SEMS LIEN	0.02	0	-	-	-	-	0
SHWS	1.0	0	1	1	5	12	19
SSTS	0.25	0	0	0	-	-	0
SUFFOLK TANKS	0.25	0	0	0	-	-	0
SUPERFUND ROD	1.0	0	0	0	0	0	0
SWF/LF	0.5	0	7	5	6	-	18
TANKS	0.25	0	1	1	-	-	2
TIER 2	0.125	0	3	-	-	-	3
TRIS	0.02	0	-	-	-	-	0
TSCA	0.125	0	0	-	-	-	0
UST	0.25	0	6	14	-	-	20
VAPOR	1.0	0	0	0	0	0	0
VCP	0.5	0	1	0	3	-	4
WSTCHST TANKS	0.25	0	0	0	-	-	0

3.1.1.2 On-Property Regulatory Records Summary

Following review of standard/additional database sources, the following facilities (if any) have been identified for the Property.

ON-PROPERTY REGULATORY RECORDS SUMMARY		
DATABASE(S)	FACILITY NAME (ADDRESS)	DISCUSSION
RCRA-CESQG, SQG, Non-Gen, FINDS, and NY Manifest	Con Edison-North 1st Street Terminal, Service Box #12588, and Con Edison VS 1433 (214 Kent Avenue, Metropolitan Ave. and River Street, and North 1st Street and Kent Avenue)	**Wastes**: Two separate CESQG, one SQG in unmappable section, and three Non-Gen listings for corrosive and ignitable wastes from 1980 through 2007, PCBs in 2004, an unknown waste in 2015, and benzene and heavy metals in 2005-2008 for a oil pipeline removal. The FINDS and NY Manifest listings correspond to RCRA activities. **Violations**: None

ON-PROPERTY REGULATORY RECORDS SUMMARY		
DATABASE(S)	FACILITY NAME (ADDRESS)	DISCUSSION
ERNS (Unplottable Summary)	North 1st Street Oil Farm (214 Kent Avenue, Kent Avenue and North 1st Street, and 105 River Street)	**Incident Dates:** October 1990, December 1994, October 1995, January 1999, and February 2012 **Incident Status:** Complete for all five cases including one listing in the unmappable section of the ERIS report. **Description:** No. 6 fuel oil releases from storage tanks, product transfer, barge leaks, truck hose connections, and creosote sheen on East River. **Amt./Material Type:** 30 to 200 gallons of No. 6 fuel oil on soil, moats, and East River, along with a creosote sheen on East River. **Remedial Action:** Contractor cleanup, tank emptying and soil remediation, and absorbent booms.
LST	Con Edison (Kent Avenue and North 1st Street)	**Release Date**: November 24, 1990 **LST Status**: Closed **Discussion**: 400-gallon release of No. 6 fuel oil on soil from a tank farm overfill and closed the same day the incident occurred and considered an HREC.
SPILLS	Con Edison Fuel Depot, North 1st Street Fuel Oil Terminal, Con Edison Building, Tank Farm, and Facility (87 River Street, 105 River Street, River Street and Metropolitan Avenue, 214 Kent Avenue, and North 1st Street and River Street)	**Release Dates**: A total of 26 reported SPILLS including one in the unmappable section of the ERIS report from the 1990s through 2017. **SPILLS Status**: Closed **Discussion**: Majorities of these releases were diminimis in nature and involved No. 6 fuel oil releases on soils, moats, transformer vaults, or the East River. Other releases involved remediation of oil lines for the prior Con Edison Major Oil Storage Facility (MOSF) facility, excavation of the former tank farm, removal of dock timbers along the East River. All of the cases have been officially closed following remedial actions and are considered historic recognized environmental conditions (HRECs).
MOSF, CBS, AST, and Delisted TANKS	North 1st Street Fuel Oil Terminal, New York Power Authority-Kent (214 Kent Avenue/ Northwest Corner of North 1st & River)	**ASTs:** The CBS, AST, and Delisted TANKS listing correspond to each other for a 3,000-gallon AST of unknown chemical contents. The MOSF listing for the Property involved six aboveground storage tanks containing No. 6 fuel oil totaling 14,325,000 and 16,950,000 gallons. **Installation Date**: 1964 and 1965 **Status**: Unregulated/closed with Petroleum Bulk Registration Nos. 2-000330 and 2-1480. The oil terminal that was initially operated by NEPCO Terminal Corp. and later by Con Edison operated until the late 1990s. The facility was demolished including the removal of all ASTs and main oil lines in 2012. See below for further discussion.

ON-PROPERTY REGULATORY RECORDS SUMMARY		
DATABASE(S)	FACILITY NAME (ADDRESS)	DISCUSSION
ICIS	North 1st Street Fuel Oil Terminal or Con Edison (214 Kent Avenue and North 1st Street and River Street).	Four separate ICIS listings for air emissions from the former fuel oil terminal. Administrative-formal notice of violations were issued, however, based on RCRA data, there are no open violations for the Property.

North First Street Fuel Oil Terminal (214 Kent Ave/Northwest Corner of North 1st & River) - Nova was provided several previous environmental reports for the Property from 1999 through 2017, which are discussed in Section 3.3.3. The Property was historically utilized as a No. 6 fuel oil storage complex for Con Edison North First Street Terminal (NFST) from the 1960s until decommissioned in 2012. The entirety of two of the three Property parcels (central and northern parcels, aka Complex A and B) was occupied by large fuel oil aboveground storage tanks (ASTs) that were removed in 2012. The facility is a New York State Department of Environmental Conservation (NYSDEC) Major Oil Storage Facility (MOSF) (MOSF ID No. 2-1480). Subsurface investigations were conducted on behalf of Con Edison from 1999 through 2012 in order to assess potential impact from the oil storage. These activities included soil and groundwater assessments and excavation of one area of petroleum-contaminated soil. The NYSDEC approved the work conducted for the MOSF assessment and issued a letter on July 24, 2012 indicating that no further action (NFA) was required specifically in relation to the former MOSF. The letter also indicated that volatile organic compounds (VOCs) and semi-VOCs (SVOCs) contamination was present at the Property above cleanup guidance levels and Manhattan background data. Soil exceedances included elevated levels of acetone, benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, chrysene ethylobenzene, indeno(1,2,3-cd)pyrene, toluene, and total xylenes. Groundwater exceedances included most of the analyzed VOCs and SVOCs compounds. The NFA letter indicated that elevated concentrations of toluene, xylene, and acetone as well as levels of heavy metals concentrations on Complex A appear to be linked to the adjacent up-gradient Fyn Paint & Lacquer Company (Fyn Paint) facility. Subsequent investigations continued to be performed at the Property on behalf of Con Edison at Complex A as well as the smaller southernmost parcel until 2017 in an effort to further assess contamination that appeared to be migrating from the Fyn Paint facility. These assessments also concluded that the Property has been impacted by contamination that appeared to be migrating from the Fyn Paint facility.

Previous assessments of Complex B on behalf of Con Edison identified contamination that did not appear to be from the tank farms or piping. The contamination included elevated and detectable SVOCs and heavy metals in soils that exceeded NYSDEC Protection of Groundwater Soil Cleanup Objectives (SCO) or Residential SCOs. The consultant that conducted the assessments suspected this contamination to be from urban fill, creosote pilings or railroad ties.

Based on review of available historical information, soil and groundwater contamination is

present at the Property above cleanup levels and present a potential vapor migration concern for the Property. Some of the contamination is suspected to be migrating from the adjacent Fyn Paint facility. Fyn Paint is currently undergoing assessment and cleanup activities under the oversight of the NYSDEC. Other contamination has been reported to be from urban fill, creosote pilings or railroad ties.

The presence of contamination in soil and groundwater at the Property and potential vapor migration concern are considered a REC.

3.1.1.3 Adjacent/Adjoining Facility Regulatory Records Summary

Following review of standard/additional database sources, the following facilities (if any) have been identified for the adjoining/adjacent properties.

ADJACENT/ADJOINING FACILITY REGULATORY RECORDS SUMMARY				
DATABASE	FACILITY NAME AND ADDRESS	DIRECTION FROM THE PROPERTY	INFERRED GROUNDWATER GRADIENT RELATIVE TO THE PROPERTY	DISCUSSION
SEMS and CERCLIS	Fyn Paint (230 Kent Avenue)	Adjacent East	Up-gradient	Removal Site Only from 2011 with no Site Investigation work needed with Site ID No. 0206513 and EPA ID No. NYC 200400950. The facility is currently being investigated and remediated through the NY VCP program. See below for further discussion.
NY Brownfields, VCP, ERP, INST CONTROL, SHWS and IHWDS	Fyn Paint (230 Kent Avenue)	Adjacent East	Up-gradient	See below for discussion.
LST, CBS, UST, and Delisted TANKS	Fyn Paint (230 Kent Avenue/33 North 1st Street)	Adjacent East	Up-gradient	**Release Date**: March 30, 1999 with No. 9815508. **LST Status**: Closed on May 23, 2000 **Discussion**: Contamination found during subsurface drilling surrounding 14 USTs that were closed in-place. The chemical tanks ranging in size between 550 and 1,000 gallons were closed in-place in 1998 with PBS No. 2-000151.

ADJACENT/ADJOINING FACILITY REGULATORY RECORDS SUMMARY				
DATABASE	FACILITY NAME AND ADDRESS	DIRECTION FROM THE PROPERTY	INFERRED GROUNDWATER GRADIENT RELATIVE TO THE PROPERTY	DISCUSSION
RCRA-LQG, NY Manifest, and ICIS	Fyn Paint (230 Kent Avenue)	Adjacent East	Up-gradient	**Wastes**: VOCs, corrosive and ignitable wastes, heavy metals, and non-halogenated solvents from 1980 through 2012 through RCRA and NY Manifest. Three separate ICIS listings for air emissions. **Open Violations**: None
RCRA-SQG, CBS, and NY TANKS	NY Power Authority (North 1st Street and River Street)	Adjacent southeast	Up/Cross-gradient	**Wastes**: Lead 2001-2007. An active CBS and PBS Facility Nos. 2-610580 and 2-000377 presumably for the ammonium hydroxide AST observed during Nova's inspection. **Violations**: None
UST	240 Kent Avenue	Adjacent southeast	Up/Cross-gradient	**UST:** 3,000-gallon No. 4 fuel oil tank **Installation Date**: Unknown **Status**: Unregulated/closed with PBS No. 2-321478 for the UST closed in-place in 2005. No LST or SPILLS cases associated with this UST.
SPILLS and TIER 2	Kent Facility, Kent Power Plant, LIPA and NY Power Authority (North 1st Street and River Street, and 41-79 River Street)	Adjacent south	Cross-gradient to up-gradient	There have been a total of 19 SPILLS at this facility all of which were considered diminimis in nature involving air releases, minor petroleum releases on ground surfaces from equipment failures in 2001 through 2013 all of which have been officially closed with NFA necessary. The TIER 2 listings related to sulfuric acid and diesel fuel storage, and a gas turbine generator with an E-Plan in-place.

ADJACENT/ADJOINING FACILITY REGULATORY RECORDS SUMMARY				
DATABASE	FACILITY NAME AND ADDRESS	DIRECTION FROM THE PROPERTY	INFERRED GROUNDWATER GRADIENT RELATIVE TO THE PROPERTY	DISCUSSION
SPILLS	Vault 4048 (River Street and Metropolitan Avenue); 240 Kent Avenue/York Display; 29 North 1st Street; Kay Rock Screen Print (210 Kent Avenue); North 3rd Street and River Street; and intersection of North 1st Street and River Street	Adjacent east	Up-gradient	An additional six SPILLS were recorded at adjoining properties to the east all of which are considered diminimis in nature involving minor petroleum or granular particle releases to the ground surface. All of the cases have been officially closed with NFA necessary.

Fyn Paint (230 Kent Avenue) - The VCP and IHWDS listings are now being addressed through the NY BCP and Site Code Nos. C224154 and C224154A. This facility operated as a paint and lacquer manufacturing facility from 1930 through 2010 were RCRA corrective actions began. A total of 14 closed in-place VOCs USTs and various spills throughout the facility operations has resulted in significant impacts to soil, groundwater, and soil vapors both onsite and migrating offsite to the north and west. The owner of the site entered into a Voluntary Cleanup Agreement (VCA) with the Department in 2001, after Con Edison, the owner of the adjacent property discovered VOCs under their parking lot and sued Fyn Paint Co. The investigation at this site revealed soil and groundwater highly contaminated with VOCs. After multiple phase investigation in January 2007, an IRM/pump and treatment of the groundwater was installed and operated. An excavation of the contaminated soil around six of the USTs constituting the source of VOCs was completed in 2010. A dual phase extraction system (DPES) was operated at this site from 2011 to 2014 under EPA supervision. Primary contaminants of concern include acetone, toluene, ethyl benzene, xylene, and LNAPL. A Soil Vapor Extraction (SVE) previously operated at this property that had been installed in 2014 following investigations, remedial action plans, and pilot tests. Subsurface investigations are ongoing This facility has land use and building use restrictions, deed and groundwater use restrictions. During Nova's site visit, Nova observed several monitoring wells at this site, current drilling activities, and multiple wells in the municipal sidewalk adjacent to River Street and the eastern Property boundary. An additional monitoring well was observed at the southwest portion of the Property. Contamination from the adjacent Fyn Paint facility is a REC for the Property and represents a potential vapor migration concern.

3.1.1.4 Surrounding Area Facility Regulatory Records Summary

The following table summarizes notable off-Property and non-adjacent facilities. Additional

facilities listed within the prescribed AMSD that have been determined not to be pertinent (i.e. regulatory status, distance or topographic considerations) to this assessment are detailed within the regulatory database report included in the Appendix.

Surrounding area facilities with the potential to impact the Property were not identified on the regulatory databases reviewed for this ESA.

3.1.2 Vapor Migration

During the performance of this Phase I ESA, the potential for a vapor migration condition/ vapor encroachment condition (VEC) to exist in the subsurface at the Property was evaluated. As previously indicated, several environmental investigations have been performed at the Property from 1999 through 2017 (discussed in Section 3.3.3), and identified that the Property has been impacted by VOCs and SVOCs in soil and groundwater. Therefore, the presence of contamination in soil and groundwater at the Property is considered a REC, as well as a suspect a VEC.

3.1.3 Regulatory Agency File and Records Review

Regulatory agency files obtained for purposes of this assessment and if deemed necessary to determine RECs, HRECs, CRECs or a *de minimis* condition in connection with the Property, are summarized in the State and Federal Regulatory Review section.

Given that the Property, as well as adjoining or nearby property were listed in the regulatory database report reviewed for this assessment, additional file reviews were warranted at the time of this assessment. Available files obtained by Nova are included in the Appendix and further discussed in Section 3.1.1. Other files through the NYSDEC have not been received to date regarding the MOSF and CBS listings for the Property and adjacent Fyn Paint facility. Nova has attempted to interview Ioana Munteanu-Ramnic, NYS DEC - Region 2 Office, Division of Environmental Remediation, regarding the status of the Fyn Paint facility case and a response was not received as of the date of this report.

3.1.4 Activity Use Limitations (AULs) and Environmental Liens (ELs)

Inquiry related to AULs and ELs were included on the Pre-Survey Questionnaire provided to the KSM during the preparation of this ESA.

No reference to AUL or EL were included in the written or verbal responses to Nova during the preparation of this ESA. In addition, ELs, deed restrictions or AULs were not reported/ indicated within the NYC DOB records. However, a restricted declaration will likely be necessary during any proposed redevelopment of the Property that will include filings through the NYC Office of Environmental Remediation (OER) and E-Designation program for rezoning.

3.1.5 Interviews with State/Local Government Officials

The following agencies, as indicated, were contacted to obtain information regarding the presence of USTs, the use or storage of hazardous materials/petroleum products, current violations, emergency response actions or any documentation relative to environmental matters at the Property. Correspondence records, if any, are provided in the Appendix and specific information regarding individuals/agencies contacted is summarized in the interview section of this report. Should information be received from agencies that were unresponsive to information requests within the time frame of this report, if any, that alters the conclusions of this report an addendum will be forwarded to the Client.

INTERVIEWS WITH STATE/LOCAL GOVERNMENT OFFICIALS		
AGENCY TYPE	AGENCY NAME	COMMENT
Fire Department	Fire Department City of New York	Response not received within the time frame of this report.
Environmental Health Department	New York City Department of Health and Mental Hygiene	No records were found for the Property address.
Building Department	New York City Department of Buildings	No records of environmental significance were found for the Property addresses.
Zoning Department	New York City Planning Department	Zoned Manufacturing (M3-1)
Water Quality Department	NYCDEP	Review of 2018 NYCDEP Drinking Water Supply and Quality Report
State Environmental Department	New York State Department of Environmental Conservation (NYSDEC)	SPILLS records included in the appendices. File reviews pending. Response from DEC Case Manager for Fyn Paint pending.

3.2 Physical Setting Sources

3.2.1 Topography

The United States Geological Survey (USGS), Brooklyn, NY Quadrangle 7.5-minute series topographic map was reviewed for this ESA and is summarized below.

PHYSIOGRAPHY	
Topographic Property Elevation	10 feet above mean sea level.
Topographic Considerations	Gently sloped / Slopes downward toward the west
Other Significant Surface Features	Surface waters/water bodies, production wells or other significant surface features are not depicted.

3.2.2 Soils / Geology

Soil and geologic information was obtained based on review of published information as detailed within the Reference section of this report.

SOILS / GEOLOGY	
Surface Soils	
Soil Name	Urban land-till substratum
Description	Urban land soils are soils that have been altered or covered by structures. Classifying these soils is not practical and includes remnants of other soils that have been altered by cutting, filling or grading in urban development. The areas of this complex are used mainly for community development. The till substratum is well drained gravelly sandy loam below urban land material.
Geologic Formation	
Formation Name	The Property is situated on Long Island, on the northern edge of the Atlantic Coastal Plain physiographic province of the State of New York.
Description	The geology in this area of Brooklyn consists of Cenozoic and Quaternary aged glacial and alluvial deposits with the underlying bedrock geology unknown. According to a report titled "Potentiometric Surface of the Water Table, Magothy and Lloyd Aquifer on Long Island", New York, dated 1984, and the Water Resources Investigation Report published by the USGS, dated 1987, the subsurface geology in the vicinity of the Subject consist of the Upper Glacial Deposits, Gardiners Clay, Jameco Gravel and the Raritan formation. The unconsolidated Upper Glacial layer, deposited during the Pleistocene, extends to a depth of 175' below grade surface (bgs) and consists of glacial outwash deposits composed of sands and gravel. The permeability of this unit is moderate to high. The Upper Glacial deposits are underlain by Gardiners Clay consisting of clay, silt, and a few layers of sand. Also deposited during Pleistocene, the Gardiners Clay extends to a depth of 200' below sea level (bsl). The permeability of this unit is very low, so it constitutes a confining unit for the underlying aquifer. The Gardiners Clay is underlain by the Jameco Gravel unit consisting primarily of sand and gravel with a few layers of clay and silt. This unit extends to a depth of 250' bsl and is moderately to highly permeable. The Jameco Gravel is underlain by the Raritan formation consisting of the Raritan Confining Unit and the Lloyd Sand Member, deposited during the Cretaceous Period. The Raritan Confining Unit extends to a depth of 300' bsl and is composed of clay (solid and silty), with a few lenses and layers of sand, lignite, and pyrite. The permeability of this unit is very poor. The Lloyd Sand Member extends to a depth of 400' bsl and is composed of sand and gravel within a clayey matrix. The permeability of this layer is poor to moderate. The estimated depth to bedrock at the Property is more than 1,000 feet below the ground surface.

3.2.3 Hydrology

The following information was obtained based on review of published information as detailed within the Reference section of this report.

HYDROLOGY	
Primary Aquifer	Lloyd and Magothy aquifers
Aquifer Description	Sole source aquifers for Nassau and Suffolk Counties of Long Island, New York.
Depth to Groundwater	Approximately two feet below the ground surface and tidally influenced.
On-Property Water Bodies	Settling ponds, lagoons, surface impoundments, or natural catch basins were not observed at the Property during this investigation.
Closest off-Property Water Body	The East River adjoining the Property to the west.
Shallow Groundwater Flow Direction	Based on a previous subsurface investigation completed at the Property, the hydrogeologic gradient was determined to be directed toward the west.
Sole Source Aquifer	The Property does overlie a sole source aquifer. The closest aquifer beneath the Property, are the unconfined Magothy and Lloyd aquifers. However, drinking water to the area is provided through the municipal service and the NYCDEP.

3.2.4 Other Physical Settings Sources

OTHER PHYSICAL SETTING SOURCES	
Flood Information	
Flood Zone, Panel Number and Date	Zone AE according to Panel Number 3604970204F, dated September 5, 2007.
Flood Zone Description	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. Base flood elevations (BFEs) are shown within these zones
Distance to Closest Flood Hazard	Onsite
Oil and Gas Exploration (current or historical)	
Oil or Gas Wells	Historical/current oil or gas exploration was not identified within the Property limits or within immediately surrounding properties.
Pipelines	Pipelines were not identified within the Property limits or within immediately surrounding properties.
Wetlands	
Wetland type vegetation	According to the US Fish and Wildlife Service Wetlands Mapper, the Property or nearby land is not located in a wetland area. However, evidence of the suspect wetland vegetation, phragmites, was observed at the eastern portion of the Property boundary.
Well Records	
Well Log Records / Well Mapping Program	No water wells, however, multiple groundwater monitor wells were were observed in the municipal sidewalks east of the Property, adjoining property to the east, along with a well at the southwest portion of the Property.

3.3 Historical Use Information

The purposes of obtaining and reviewing "*historical sources is to develop a history of the previous uses of the Property and surrounding area, in order to help identify the likelihood of*

past uses having led to RECs in connection with the Property." Nova attempted to research all obvious Property use from the present, back to the Property's first developed use; or back to 1940, whichever is earlier. Copies of below pertinent sources reviewed, such that establish Property uses or changes in use, are included in the Appendix of this report.

HISTORICAL SOURCES		
HISTORICAL RESOURCE	CHECKED IF REVIEWED	YEARS REVIEWED
Aerials	✔	1924, 1951, 1954, 1959, 1966, 1976, 1985, 1994, 2006, 2009, 2011, 2013, 2015, and 2017
Fire Insurance Maps	✔	1887, 1904, 1905, 1916, 1918, 1922, 1928, 1935, 1942, 1947, 1950, 1951, 1965, 1979, 1980, 1981, 1982, 1983, 1984, 1986, 1987, 1988, and 1989
Topographic Maps	✔	1889, 1891, 1897, 1898, 1900, 1947, 1956, 1967, 1979, 1995, and 2016
Local City Directories	✔	1937, 1939, 1945, 1952, 1955, 1959, 1965, 1970, 1973, 1979, 1985, 1990, 1997, 2000, 2005, 2006, 2009, 2014, and 2018
Tax Files	✔	2019
Recorded Land Title Records		Not reasonably ascertainable or considered to be useful
Building Department Records	✔	2019
Zoning/Land Use Records	✔	2019
Other Historical Sources	✔	Previous Site Investigation Report in 2017.

3.3.1 Historical Property Uses

The following is a summary of historical Property use based on review of available historical resources.

SUMMARY OF HISTORICAL PROPERTY USES	
TIME PERIOD	SUMMARY
1887-1904	Multiple warehouse and storage buildings for a sugar refining plant and a lumber yard.
1905-1915	Multiple warehouse and storage buildings and coal storage area used for a coffee company.
1916-Early 1920s	Multiple warehouse and storage building for a sugar refining plant and undeveloped land.
1922-Late 1940s	Multiple warehouse and storage building for a sugar refining plant and a coal storage facility late use a a fuel company in the 1940s.
1950s-Early 1960s	Multiple warehouse and storage buildings for a retail terminal facility and some coal storage bins.
Mid-1960s through 2011	A No. 6 oil storage and transfer facility active from the mid-1960s through the 1990s.
2013-present	Undeveloped land.

The historical uses of the Property has involved a No. 6 fuel oil storage and transfer facility previously listed as a MOSF from the mid-1960s through the 1990s. Please see Sections 3.1.1.2 and 3.3.3 for further discussion.

A gasoline tank was depicted on the southeastern portion of the Property central parcel on the 1942 Fire Insurance Map, and was not depicted in the earlier or later maps. According to review of the provided environmental reports, benzene was detected at 2.2 micrograms per liter (ug/L) from the groundwater sampling in 2010 at MW-10, which was located near the depicted location of the gasoline tank. No concentrations were detected above the regulatory action levels for benzene at this well. Although no documentation was available confirming the proper closure/removal, the tank, if remaining, was potentially encountered and removed when the area was developed with large ASTs in the 1960s that would have required certain depth of soil excavation. Considering the subsequent redevelopment and based on the findings of subsurface investigations in nearby areas, it does not appear likely the former gasoline tank or associated contamination remain onsite and it is therefore not considered to be a REC. If a tank is encountered during the proposed redevelopment of the Property, it should be removed properly in accordance with applicable regulations.

Two gasoline tanks were depicted on the south-central portion of the Property northern parcel in 1951 Fire Insurance Map, and were not depicted in the earlier or later Maps. According to review of the provided environmental reports, petroleum contamination was identified at/near the depicted tanks area in 2012 and the contaminated soil was excavated. As such, it appears that these two former gasoline tanks and potential associated contamination are no longer located at the Property. Based on the above, the two former tanks are not considered a REC.

3.3.1.1 Aerial Photographs

HISTORICAL PROPERTY USES - AERIAL PHOTOGRAPHS	
YEAR(S)	**DESCRIPTION**
1924	Multiple warehouse and storage buildings throughout the Property.
1951-1959	Multiple warehouse and storage buildings at the north and southeast portion of the Property with undeveloped land at the southwest portion of the Property.
1966-2011	Large oil storage tanks throughout the northern and central portion of the Property with a dock area at the southwest portion of the Property.
2013-2017	Undeveloped land and partially wooded.

3.3.1.2 Fire Insurance Maps

HISTORICAL PROPERTY USES - FIRE INSURANCE MAPS	
YEAR(S)	**DESCRIPTION**
1887	Depicted as developed with multiple warehouses and storage buildings at the northern parcel of the Property for sugar refining plant and a lumber yard in the central parcel of the Property for C.W. Wilson Lumber Yard, and a storage building in the southern parcel for Hardy, Voorhee's & Co. Lumber Yard.

HISTORICAL PROPERTY USES - FIRE INSURANCE MAPS	
YEAR(S)	DESCRIPTION
1904	Southern parcel is depicted with a vacant building. No coverage for the remaining parcels.
1905	Depicted as developed with multiple warehouses and storage buildings, a roasting house and a gas house at the northern parcel of the Property for The American Coffee and a coal storage yard in the central portion of the Property. No coverage for the southern parcel.
1916	Depicted as developed with multiple warehouses and storage buildings, a gas house at the northern parcel of the Property for American Sugar Refining Co. and undeveloped with small shed in the central parcel of the Property. No coverage for the southern parcel.
1918	Southern parcel is depicted with a storage and office building. No coverage for the remaining parcels.
1922 and 1928	Depicted as developed with multiple warehouses and storage buildings at the northern parcel of the Property for American Sugar Refining Co. and a coal storage yard for Larkin Coal Co. in the central parcel of the Property, and a small building for Ireland R.E. Co. on the southern parcel.
1935	Southern parcel is depicted with a storage building with an adjacent 350-gallon gasoline UST. No coverage for the remaining parcels.
1942	Depicted as developed with multiple warehouses and storage buildings at the northern parcel of the Property for sugar refining plant and a coal storage facility with a gasoline tank in the central parcel of the Property. No coverage for the southern parcel.
1947-1950	Southern parcel is identified as a portion of Charles Pfizer & Co. No coverage for the remaining parcels.
1951	Depicted as developed with multiple warehouses and storage buildings and a private garage at the northern parcel of the Property for Brooklyn Terminal Stores, Inc. with two gasoline tanks, and some coal storage in the central parcel of the Property. No coverage for the southern parcel.
1965-1989	Oil storage and transfer facility with six, steel ASTs totaling approximately 31,275,000 gallons operated by NEPCO Terminal Corp., and small portion of Charles Pfizer & Co.

3.3.1.3 USGS Topographic Maps

HISTORICAL PROPERTY USES - USGS TOPOGRAPHIC MAPS	
YEAR(S)	DESCRIPTION
1889 and 1891	A large structure (presumed warehouse) at the northern portion of the Property and small structure at the southeast portion of the Property.
1897, 1898, and 1900	A large structure (presumed warehouse) at the northern portion of the Property and presumed storage building at the southern portion of the Property.
1947 and 1956	A large structure (presumed warehouse) at the northern portion of the Property and small storage building at the southwest portion of the Property.
1967, 1979, and 1995	Large structures (presumed oil storage tanks) throughout the Property.
2016	No useful historical information provided on this map.

3.3.1.4 Local City Directories

HISTORICAL PROPERTY USES - LOCAL CITY DIRECTORIES	
YEAR(S)	DESCRIPTION
1937	Frederick Fuel Corp., Harold Goldenberg Coal coke, and Queensboro Fuel and Coal Co., and Edwards O Minson coal (19 North 1st Street and 87 River Street).
1939	No listings for the Property addresses.
1945	Kent Union Loaders (101 River Street) with no other listings for Property addresses.
1952 and 1955	River Street Loaders (101 River Street), Hospital Liquid Inc., Service Warehouse Inc., and law office and insurance (25 Metropolitan Avenue).
1959	Yorkville Paper Co. (26 North 3rd Street),Brooklyn Terminal Stores, Inc. (15 Metropolitan Avenue), Amsco Hospital Liquids, Service Warehouse Inc., and law office and insurance (25 Metropolitan Avenue).
1965-2018	No listings for the Property addresses.

3.3.2 Historical Adjoining/Adjacent Land Uses

The following are summaries of each adjoining property based on review of available historical resources.

SUMMARY OF HISTORICAL ADJOINING/ADJACENT LAND USES	
TIME PERIOD	SUMMARY
North	
1887-1913	Warehouse and storage buildings for a sugar refinery.
1914-present	Developed with the existing warehouse building used for wholesale grocery and distribution through at least the late 1980s and eventually converted to multi-tenant residential apartment building.
East	
1887-Early 1900s	Developed with warehouses and storage buildings for lumber yards and syrups.
1905-1930s	Developed with warehouse and storage buildings for sugar refining and metal works, and manufacturing flat to the southeast.
1940s	Developed with warehouses for metal works, a gasoline filling station, and manufacturing flat to the southeast.
1950s	Developed with warehouses for metal works, a paint and lacquer manufacturing warehouse, a gasoline filling station, and manufacturing flat to the southeast.
1960s-2012	Developed with warehouses for lumber storage, metal works and machining for the Property oil storage facility, a paint and lacquer manufacturing warehouse, and manufacturing flat later converted to offices to the southeast.
2013-2017	Undeveloped lot, warehouses for metal works and paint and lacquer manufacturing, and office building to the southeast.
2018-present	New building construction, undeveloped lots, and office building to the southeast.
South	
1887-Early 1900s	Warehouses and sheds for a lumber yard.
1904-1916	Undeveloped land.

SUMMARY OF HISTORICAL ADJOINING/ADJACENT LAND USES	
TIME PERIOD	**SUMMARY**
1918-Early 1940s	A mixed use office/storage building for lumber supplies and distribution.
1942-1990s	A storage building for a major oil storage facility.
2000s-present	The existing power plant.
West	
1887-present	Boat docks and slips for loading/offloading along East River.

Based on the information discussed above, the historical research has identified prior adjacent/adjoining property uses that have resulted in a REC for the Property including the former Fyn Paint facility adjacent to the east presented in Section 3.1.1.

3.3.2.1 Adjoining/Adjacent Land Cumulative Historical Resources Summary

ADJOINING/ADJACENT LAND CUMULATIVE HISTORICAL RESOURCES SUMMARY	
RESOURCE	**SUMMARY**
North	
Aerial Photographs	Developed with a commercial warehouse building eventually converted to a residential apartment building (1924-2017).
Fire Insurance Maps	Developed with storage buildings and warehouses for sugar refinery (1887-1905). Developed with a commercial warehouse building for wholesale groceries and distribution (1916-1989).
USGS Topographic Maps	Apparent warehouse and storage buildings (1889-1900). Developed with a commercial structure (1947-1995).
Local City Directories	Not listed (1937-1955) Wholesale warehouse and offices for metal, glass, and plastic product (1959 and 1965) Wilson Plastic Container Corp. (1970) Not listed (1973-2018)
East	
Aerial Photographs	Commercial warehouse buildings (1924) Commercial warehouse building and apparent gasoline filling station (1951) Commercial warehouse buildings (1954-2011) Commercial warehouse, office buildings and undeveloped lot (2013-2017)

ADJOINING/ADJACENT LAND CUMULATIVE HISTORICAL RESOURCES SUMMARY	
RESOURCE	**SUMMARY**
Fire Insurance Maps	Warehouse and storage buildings for syrups, lumber storage, and building supplies (1887) Not shown on map (1904) Warehouse and storage buildings for sugar refinery and metal works (1905 and 1916) Not shown on map (1918) Warehouses and storage buildings with no uses defined (1922) No useful historical information provided (1928) Not shown on map (1935) Warehouse and storage buildings for groceries and metal works and a gasoline filling station (1942) Not shown on map (1947 and 1950) Warehouse buildings for valves and pipes, scrap metal, paint and lacquer manufacturer, and gasoline filling station (1951) Warehouse buildings for lumber storage, valves and pipes, machine shop, paint and lacquer manufacturer, and manufacturing flat to the southeast (1965-1989)
USGS Topographic Maps	Apparent commercial buildings (1887-1900) Apparent commercial warehouse buildings and undeveloped lot (1947) Apparent commercial warehouse buildings (1956-1995)
Local City Directories	Restaurant supplier (94 River Street) with no other listings available (1937 and 1939) Restaurant supplier and grocer (94 River Street) in 1945 and no other listings available in 1945 Processed Chemicals & Coatings Corp. Factory (33 North 1st Street) and no other listings available in 1952 Processed Chemicals & Coatings Corp. Factory (33 North 1st Street), valve specialty manufacturer and water conditioner company (94 River Street), and metal fabricator (28 North 3rd Street) in 1955 Valves specialty manufacturer (94 River Street) and no other listings available in 1959 and 1965 Valves specialty manufacturer and contracting company (94 River Street) and no other listings available in 1970 Valves specialty manufacturer (94 River Street) and no other listings available in 1973 and 1979 Steel supplier (28 North 3rd Street) and no other listings available in 1985 Container Corp. (28 North 3rd Street) and no other listings available in 1990, 1997, 2000, 2005, and 2006 Allied Drum & Barrel Corp. and check cashing (28 North 3rd Street) with no other listings available in 2009 No listings in 2014 and 2018
South	
Aerial Photographs	Undeveloped and apparent warehouse (1924) Storage building and major oil storage facility with large aboveground storage tanks (1951-1994) Existing power plant (2006-2017)

ADJOINING/ADJACENT LAND CUMULATIVE HISTORICAL RESOURCES SUMMARY	
RESOURCE	**SUMMARY**
Fire Insurance Maps	Storage buildings for a lumber yard (1887) Undeveloped (1904) Not shown on map (1905 and 1916) Mixed use storage and office building (1918, 1922, and 1928) Storage building with a 550-gallon gasoline UST (1935) Not shown on map (1942) Storage building for a major oil storage facility with over five million gallons of aboveground tanks (1950-1989).
USGS Topographic Maps	Apparent storage buildings (1889-1900) Major oil storage facility with large storage tanks and apparent storage building (1947-1995)
Local City Directories	No listings (1937) Pfizer Chas & Co. Inc. (26 North 1st Street) in 1939 No listings (1945-2018)
West	
Aerial Photographs	Docks and slips on East River (1924-2017)
Fire Insurance Maps	Docks and slips on East River (1887-1989)
USGS Topographic Maps	Docks and slips on East River (1889-1995)
Local City Directories	Not applicable

Based on the information discussed above, the historical research has identified prior adjacent/adjoining property uses that have resulted in a REC for the Property including the former Fyn Paint facility adjacent to the east presented in Section 3.1.1.

3.3.3 Additional Environmental Record Sources

Nova was provided the following reports for review:

Phase I ESA for Kings County Tax No., Block 2355, Lot 1, Block 2361, Lot 1, Block 2362, Lot 3, and Block 2376, Lot 6, 214 Kent Avenue, Brooklyn, New York prepared by Holzmacher, McLendon, & Murrell, P.C. (H2M) dated September 10, 1999.

At the time of this assessment, the Property consisted of four parcels including the Property and one adjacent parcel, three of which were used for the storage and distribution of No. 6 fuel oil and the fourth parcel was the former Charles Pfizer and Co. facility (currently New York Power Authority power plant) that had been used as a transfer and storage of molasses and sulfuric acid for cough syrup manufacturing that ceased operations in 1984. Environmental concerns for the former Pfizer property was mycelium and sulfuric acid heating coils that may

have been disposed onsite, soil remediation with no endpoint sampling, a 550-gallon UST at northern portion of the Property, two elevated stainless steel tanks with residual materials (ethylene glycol and petroleum), suspect ACM and LBP, floor penetrations in the building and potential discharge onsite. Further investigation were recommended for the former Pfizer property to address the above referenced concerns. For the remaining three parcels, two of which, are part of the former North First Street Oil Storage Terminal, H2M documented that the long-term industrial used cause and contributed to local area of contamination and evaluation of the up-gradient and down-gradient groundwater conditions and shallow soil borings (0'-2') throughout the Property.

Site Investigation Report (SIR) and Phase II ESA for North First Street Oil Storage Terminal (NFST), Block 2362, Lot 3 and Block 2376, Lot 6, 214 Kent Avenue prepared by Lawler, Matusky, and Skelly Engineers LLC (LMS), and dated January 14, 2000.

At the time of this assessment, the Property was developed with the NFST facility consisting of two blocks for the NFST MOSF facility, one block for the former Pfizer facility (currently New York Power Authority power place) adjacent to the south of the Property, and one block for the boiler house at 214 Kent Avenue. Based on a ground penetrating radar (GPR) survey, no anomalies indicative of USTs were found at the Pfizer property and sediment samples were obtained from drains at this property. The areas for this GPR survey are the current northern portion of southern parcel and adjacent parcel to the southeast. The ASTs containing sulfuric acid and molasses at the former Pfizer property were emptied and removed from service in September 1999. Chemical storage within fenced enclosures were identified at 214 Kent Avenue and areas along Metropolitan Avenue and North Third Street (Property). Eight test pits and soil samples along with 13 soil borings were performed. Based on the results of the SIR and Phase II ESA, elevated levels of VOCs were found in MW-4 attributed to the 10,000-gallon UST at 214 Kent Avenue and also off-site Fyn Paint facility. Four soils samples for NFST portion of the Property showed elevated VOCs including benzene, toluene, ethyl benzene, xylenes (BTEX) trichloroethene (TCE) and tetrachloroethylene (PCE), and acetone exceeding NYSDEC Groundwater Standards. Elevated SVOCs and metals were found in the Pfizer drain samples and BTEX in area of the 550-gallon UST. Remedial alternatives suggested by LMS included groundwater pump and treat, bioremediation, air sparging (AS)/soil vapor extraction (SVE) and hot spot soil removal. They estimated a likely quantity of contaminated soil for the NFST would be 500 cubic yards. The presence of soil and groundwater contamination at the Property is considered a REC.

SIR for Western Portion of NFST, Block 2355, Lot 1 and Block 2361, Lot 1, 49 River Street, Brooklyn, New York prepared by Hennington, Durham, and Richardson Architecture and Engineering P.C. (HDR), and dated July 2011.

At the time of this assessment, the Property was developed with the NFST facility consisting of two tank farms (the northern and central parcels of the Property) and the ancillary property consisting of the boiler/control house across River Street at 214 Kent Avenue. The subject of the investigation was to evaluate soils from 18 borings (B1-B18) adjacent to the NFST tank

farms Complex A and B (the two Property parcels), summary of two years of groundwater sampling for MW-1 through MW-4 for the NFST MOSF, and two years of groundwater testing and remediation data for Fyn Paint. Based on the results of the SIR, elevated and detectable SVOCs and heavy metals were found in soils from seven locations that exceeded NYSDEC Protection of Groundwater Soil Cleanup Objectives (SCO) or Residential SCOs. The contamination was attributed to urban fill or wood products and not indicative of a release from the tank farms or piping. Elevated levels of acetone in two soil samples were attributed to Fyn Paints. Sampling of existing groundwater monitoring wells showed elevated BTEX, TCE, cis 1,2-dichloroethene (cis 1,2-DCE) were attributed to off-site issues from Fyn Paint. The presence of soil and groundwater contamination at the Property is considered a REC.

SIR for Western Portion of NFST, Block 2355, Lot 1 and Block 2361, Lot 1, prepared by HDR, and dated July 2011.

At the time of this assessment, the Property was developed with the NFST facility consisting of six ASTs in Complex A (southern tanks) and Complex B (northern tanks) T100 through T600 totaling 31,275,000 gallons and the ancillary property consisting of the boiler/control house across River Street at 214 Kent Avenue. The subject of the investigation was to evaluate soils from 13 borings for the NFST and areas by the former Pfizer property to the south. HDR also documented that elevated levels of VOCs including ethyl benzene, toluene, and xylenes from a former 10,000-gallon UST at the 214 Kent Avenue boiler/control based on investigations by Leggette, Brashears, & Graham, Inc. (LBG) in 1999 and Remedial Investigation Reports (RIR) in 2003 and 2005 by LBG. Five monitoring wells and two extraction wells were and one of the wells in the NFST parking lot showed high levels of VOCs as a result of the adjacent Fyn Paint facility which had a free phase product recovery system, groundwater extraction and treatment, along with dual phase extraction system in 2011. Based on the results of the SIR, elevated and detectable SVOCs and heavy metals were found in soils from eight locations that exceeded NYSDEC Protection of Groundwater Soil Cleanup Objectives (SCO) or Residential SCOs. The contamination was attributed to urban fill or creosote pilings or railroad ties and not indicative of a release from the tank farms or piping. Samples were also obtained from existing monitoring wells and elevated levels of VOCs were found in NTMW-4 or MW-4, MW-10, MW-12, and MW-14 attributed to the Fyn Paint facility or the former UST at 214 Kent Avenue. Also a well onsite at the central portion of the Property along Metropolitan Avenue (CE-4) had elevation levels of toluene, ethyl benzene, xylenes, and isopropylbenzene in 2009 through 2011 and likely attributed to the adjacent Fyn Paint. The presence of soil and groundwater contamination at the Property is considered a REC.

SIR, Second Phase In Support of Voluntary MOSF License Termination (FootPrint), NFST, Block 2355, Lot 1 and Block 2361, Lot 1, 87 and 105 River Street, Brooklyn, New York prepared by HDR, and dated June 2012.

At the time of this assessment, the Property was undeveloped with the NFST facility consisting of six ASTs in Complex A (southern tanks; central Property parcel) and Complex B (northern tanks: northern Property parcel) T-100 through T-600 totaling 31,275,000 gallons were razed

and removed from 2011-2012. The Complex A tanks had reinforced concrete and concrete pilings and the Complex B tanks had creosote timber piles. The subject of the investigation was to evaluate soils from 48 borings for the NFST former tank areas and installation and sampling of nine temporary piezometers. Based on the results of the SIR, elevated and detectable VOCs, SVOCs, PCBs, and heavy metals were found in soils from 10 surface sample and 14 subsurface samples that was widespread for the Complex B and reportedly attributed to the creosote pilings that exceeded NYSDEC Protection of Groundwater Soil Cleanup Objectives (SCO), Residential SCOs, or Unrestricted Use SCOs. Two areas of soil impacts were found at Complex A including VOCS at the southeast corner of the Property attributed to the adjacent Fyn Paint and the northwest portion of Complex A with elevated SVOCs above NYSDEC SCOs attributed to a second urban fill source. Groundwater samples showed elevated levels of phenols in three of the four wells at Complex B attributed to urban fill and creosote pilings and elevated VOC impacts to the southeast portion of the Property for Complex A associated with contamination migrating from Fyn Paint. The presence of soil and groundwater contamination at the Property is considered a REC.

Letter to NYSDEC prepared by Consolidated Edison Company of NY, Inc. for MOSF License Closure, Con Edison of NY, Inc., North 1st Street Fuel Oil Terminal, County: Kings, MOSF License No. 2-1480 dated June 19, 2012.

This letter indicated the prior SIR reports by HDR addressing the "perimeter" of the two tank complexes in July 2011 and SIR addressing "footprints" of former tank complexes in June 2012 that included NYSDEC approved Work Plans prior to each SIR. Con Edison requested voluntary termination/permanent closure of the MOSF license.

NYSDEC Closure Letter for SIR-Second Phase North 1st Street Fuel Oil Terminal, Brooklyn, New York, MOSF License No. 2-1480 addressed to Consolidated Edison Co. Environmental Health and Safety representative dated July 24, 2012.

One boring location indicated surficial petroleum contaminated that was excavated and disposed and the NYSDEC Spill No. 1112968 for petroleum sheen during tank demolition was officially closed in the letter. Soil analytical results documented the presence of acetone, SVOCs, ethyl benzene, toluene, and xylenes that exceeded the Unrestricted Use SCOs, Restrictive Use SCOs, and Protection to Groundwater SCOs. Groundwater results did show elevated levels of VOCs and SVOCs exceeding TOGS 1.1.1 standards, with VOCs in the area of Complex A attributed to the adjacent Fyn Paint facility. Sampling of the four monitoring wells at the MOSF was no longer necessary.

Site Investigation Report (SIR), North First Street Oil Storage Terminal (NFST), Parcel IV, Block 2376, Lot 50, 2 North First Street, Brooklyn, New York prepared by Hennington, Durham, and Richardson Architecture and Engineering P.C. (HDR), and dated August 2013.

At the time of this assessment, the Property was undeveloped with the at the southwest portion of the NFST facility but not including the tank complexes (southern parcel of the Property). The subject of the investigation was to evaluate soils from six borings and two

temporary piezometers to address environmental concerns associated with the former Pfizer property and current NY Power Authority power plant including mycelium and sulfuric acid heating coils disposal, 550-gallon UST, stainless steel tank with residual product, ACM, LBP, floor penetrations, toxic and hazardous materials storage, and soil impacts from drains. Based on the results of the SIR, elevated of SVOCs and heavy metals were found in three surface levels soil samples and three subsurface samples that exceeded NYSDEC Protection of Groundwater Soil Cleanup Objectives (SCO), Residential SCOs, or Unrestricted Use SCOs. No elevated VOCs, pesticides or PCBs were found in soils. Groundwater samples showed elevated SVOCs, metals, and acetone above NYSDEC Groundwater standards. HDR indicated the contamination was attributed to urban fill and no impacts were noted from Fyn Paint. The presence of soil and groundwater contamination at the Property is considered a REC.

Site Investigation Report (SIR) for North First Street Terminal-Parcel II), prepared by Hennington, Durham, and Richardson Architecture and Engineering P.C. (HDR), and dated November 2015.

At the time of this assessment, the Property was undeveloped and the subject of the investigation was to evaluate the vertical and horizontal potential impacts to the southeast portion of the Property resulting from the VOC plume migrating onsite from the former Fyn Paint facility adjacent to the east. A total of nine soils borings that were converted to temporary wells were advanced at the Property for the SIR. Based on the results of the SIR, elevated levels of VOCs including toluene, ethyl benzene, and total xylenes were found in one soil sample and acetone in a second soil sample that exceeded NYSDEC Protection of Groundwater Soil Cleanup Objectives (SCO) or Residential SCOs. The SIR also showed elevated levels of VOCs in six of the nine groundwater samples including benzene, toluene, ethyl benzene, and xylenes, cis 1,2-dichloroethene, 1,1-dichloroethane, vinyl chloride, trichloroethene (TCE), isopropyl benzene, and methyl tertiary butyl ether (MTBE) above NYSDEC Groundwater Quality Standards. Based on the soil and groundwater sampling, HDR concluded that consistent with the 2012 investigation, the data obtained during this investigation confirmed historic operations at the Fyn Paint facility have impacted the southeastern corner of this parcel with dissolved phased VOCs; the horizontal extent of the impact appeared to be limited to the southeast corner of this parcel. Therefore, the presence of contamination at the Property is considered a REC.

Supplemental Site Investigation Report (SIR) for the central parcel of the Property (North First Street Terminal MOSF-Parcel II), prepared by Hennington, Durham, and Richardson Architecture and Engineering P.C. (HDR), and dated April 28, 2017.

At the time of this assessment, the Property was undeveloped and the subject of the investigation was to evaluate the potential impacts to the southeast portion of the Property resulting from the VOC plume migrating onsite from the former Fyn Paint facility adjacent to the east.

According to this report, this parcel was the location of the former No. 6 fuel oil storage

Complex A, also known as the South Complex, of the North First Street Terminal (NFST) Major Oil Storage Facility (MOSF), which was decommissioned in 2012. This parcel consisted of three steel tanks including T-100: 6,000,000 gallons, T-200: 2,325,000 gallons and T-300: 6,000,000 gallons. On July 24, 2012, the New York State Department of Environmental Conservation (NYSDEC) issued a letter indicating no further action was required in relation to the former MOSF (MOSF No. 2-1480); however, this letter noted that elevated concentrations of volatile organic compounds (VOCs), toluene, xylene, and acetone at this parcel, apparently related to the Fyn Paint & Lacquer Company (Fyn Paint) facility located on an adjacent up-gradient facility.

In this report, HDR performed this supplemental investigation as a follow up to the November 2015 Site Investigation Report (SIR) of Parcel II, approved by the NYSDEC on February 1, 2017. The SIR from November 2015 is described above. The SIR included adjacent of soil borings, temporary well installations, and sampling of existing monitoring wells at the southeast portion of the parcel. Based on the results of the SIR, elevated levels of VOCs including toluene, ethyl benzene, xylene, cis 1,2-dichloroethene and select SVOCs were found in soil samples, temporary groundwater wells, and one permanent well along River Street sidewalk that exceeded NYSDEC standards. Based on the soil and groundwater sampling, HDR concluded that consistent with the 2015 and 2012 investigations, the data obtained during this investigation confirmed historic operations at the Fyn Paint facility have impacted the southeastern corner of this parcel with dissolved phased VOCs; the horizontal extent of the impact appeared to be limited to the southeast corner of this parcel. Therefore, the presence of contamination at the Property is considered a REC.

No other previously prepared environmental reports, lead-based paint surveys, lead-in-water surveys, asbestos surveys, geotechnical reports, or other documents pertaining to the Property were provided for Nova's review.

4.0 PROPERTY RECONNAISSANCE

Nova conducted a reconnaissance visit to the Property on August 29, 2019. The Property visit was performed by Dave Pulvermiller, Nova Field Manager. Nova was escorted during the Property visit by Ramon Ramo, Con Edison Manager.

The following table summarizes current Property operations observed at the time of the assessment. Specific information/details regarding such features (if any) are discussed in detail below.

	CHECKED IF PRESENT/OBSERVED
Interior and Exterior Observations	
Hazardous Substances and Petroleum Products	
Hazardous Substance and Petroleum Products Containers (Not Necessarily in Connection With Identified Uses)	
Drums	
Unidentified Substance Containers	
Storage Tanks	
Odors	
Pools of Liquid	
PCBs (electrical or hydraulic equipment)	
Past Use(s) of the Property	✔
Additional Observations	
Exterior Observations	
Evidence of a Release (i.e. stained soil/pavement or stressed vegetation)	
Solid Waste	
Pits, Ponds, or Lagoons	
Wastewater	
Wells	✔
Septic Systems (current or historical)	
Landfills / Fill of Unknown Origin	
Interior Observations	
Stains or Corrosion	
Drains, Sumps and/or Catch Basins	✔

4.1 Hazardous Substances / Petroleum Products

Current use and likelihood of use, treatment, storage, disposal or generation of hazardous substances or petroleum products found in connection with the Property, if any, is discussed in the following sections.

4.1.1 Storage

Evidence of hazardous substances and/or petroleum products, within containers of five-gallons or more (if any), associated with current Property operations (use, treat, storage, disposal or generation) observed at the time of the assessment, if any, are detailed within the table below. Evidence of a release, if any, observed at the time of the assessment is discussed in the Evidence of a Release section.

SUMMARY OF HAZARDOUS SUBSTANCES / PETROLEUM PRODUCTS				
SUBSTANCE	QUANTITY / CONTAINER DESCRIPTION	IDENTIFIED USE	LOCATION ON PROPERTY	EVIDENCE OF A RELEASE
None	N/A	N/A	N/A	N/A

4.1.2 Management and Disposal

Information regarding management and disposal of hazardous substances and/or petroleum products is discussed in detail within the following table.

TYPE OF WASTE GENERATED	MANAGEMENT/DISPOSAL PRACTICES
None	N/A

4.1.3 Equipment

Operations or equipment/materials involving the use of hazardous substances or petroleum products, if any, are detailed within the following table.

EQUIPMENT TYPE	DESCRIPTION
None	N/A

4.2 Drums

Drums were not observed at the time of the assessment within the limits of the Property.

4.3 Unidentified Substance Containers

Unidentified substance containers suspected of containing hazardous substances or petroleum products were not observed during the Property reconnaissance.

4.4 Storage Tanks

Aboveground storage tanks (ASTs) or underground storage tanks (USTs), if any, including evidence of fill pipes, fill ports, or vent pipes, were not observed during the Property reconnaissance or reported during interviews.

4.5 Odors

Strong, pungent, or noxious odors were not noted at the time of the assessment or reported by Property sources.

4.6 Catch Basins, Sumps and Pools of Liquid

No evidence of on-Property sumps was observed or reported during the Property reconnaissance. Additionally, pools of liquids/standing surface water containing liquid likely to be a hazardous substance or petroleum product were not observed at the time of the Property assessment or identified during interviews. Storm water catch drains were observed along Metropolitan Avenue in the central portion of the Property connected to the municipal system.

4.7 PCBs

Transformers and other electrical/hydraulic equipment (i.e., oil-filled switches, balers, hoists, vehicle lifts, dock levelers, hydraulic elevators, etc.) manufactured prior to 1979 could contain PCBs at a level that subjects them to regulation by the USEPA. In 1979, the USEPA issued a final rule, banning the manufacturing, processing, distribution of PCBs in commerce and use (44 Federal Register 31514). PCBs in electrical equipment are controlled by USEPA regulations 40 CFR, Part 761. The following table summarizes electrical or hydraulic equipment located within the limits of the Property (if any) that has the potential to contain PCBs.

No electrical equipment likely to contain dielectric fluids was observed at the Property. Electricity is fed to the Property via underground cables connected to off-Property vaulted transformers owned and operated by Con Edison beneath the adjoining street.

4.8 Past Use(s) of the Property

Past uses of the Property included concrete filled pilings at the southern central portion of the Property and presumably related to structural support for the former large oil storage tanks for the MOSF.

4.9 Additional Observations

No additional relevant general Property characteristics were observed.

4.10 Evidence of a Release

No obvious indication of hazardous material or petroleum product or hazardous waste releases, such as stained areas or stressed vegetation, was observed during the Property reconnaissance or reported to Nova during interviews.

4.11 Solid Waste

To the extent visually and/or physically observed or identified from interviews or records review, the following is a summary of solid waste observed at the time of the assessment.

SOLID WASTE DISPOSAL	
None observed.	None observed.

4.12 Pits, Ponds or Lagoons

No evidence of on-Property pits, ponds, or lagoons, was observed or reported during the Property reconnaissance.

4.13 Wastewater

No current evidence of waste water disposal was observed at the Property.

4.14 Wells

Wells (i.e. dry wells, irrigation wells, injection wells, abandoned wells or other wells), if any, observed during the Property reconnaissance or reported during interviews are summarized below.

WELL TYPE/USE	STATUS	INSTALLATION DATE	DEPTH	SCREEN INTERVAL	LOCATION
Groundwater Monitor Wells	Active	2012-2015	Unknown	Unknown	Municipal sidewalk along River Street and southwest portion of the Property.

Six groundwater monitoring wells were observed in the municipal sidewalk along River Street and one well was observed at the southwest portion of the Property related to prior subsurface investigations for the Property and adjacent property to the east. Please see Section 3.1.1 for the analytical results of groundwater samples from the groundwater wells.

4.15 Septic Systems (Current or Historical)

Indication of a Property septic system or cesspool was not observed at the Property during the reconnaissance and/or review of publicly available resources.

4.16 Landfills / Fill of Unknown Origin

The Property is covered with a combination of gravel and crushed stone, some paved surface

and vegetation. The gravel and crushed stone was presumed to be placed following the decommissioning of the former MOSF, North First Street Terminal.

5.0 NON-SCOPE CONSIDERATIONS (NSCS)/BUSINESS ENVIRONMENTAL RISKS (BERS)

5.1 Asbestos Containing Materials (ACMs)

Asbestos is primarily regulated by the United States EPA through the EPA NESHAP Standard (40 CFR Chapter 61, Subpart M), the OSHA through the General Industry Standard, and the Construction Industry Standard (29 CFR 1926.1101 and 29 CFR 1910.1001). Many states have regulations in place for the inspection, management, and remediation of asbestos including company and individual licensing requirements for all activities relating to asbestos. Under both federal and state regulations building owners and employers may be required to perform certain activities related to the in-place management of asbestos, and prior to renovations or demolition activities (i.e. asbestos inspections or remediation) that may disturb building materials suspected of containing asbestos. ACMs can include but is not limited to floor tile, plaster, drywall, surfacing, pipe wrap, roofing materials, siding and many other common building materials in any building regardless of construction date. In addition, the Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101, requires certain construction materials to be *presumed* to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are presumed asbestos containing materials (PACMs). ASTM E-1527-13 and NESHAP regulations define ACM as containing more than one percent asbestos, which is also considered regulated ACM. Friable ACM is building material that can be crumbled, pulverized, or reduced to powder by hand pressure. Non-friable refers to materials that contain asbestos bound by cement, plastic, adhesive, etc., (i.e. gaskets, floor coverings, roofing materials, etc.).

The limited survey consisted of noting observable materials (materials which were readily accessible and visible during the course of the Property reconnaissance, as applicable) that often contain asbestos. This activity was not designed to discover all sources of suspect ACM, PACM, or asbestos at the Property; or to comply with any regulations and/or laws relative to planned disturbance of building materials such as renovation or demolition, or any other regulatory purpose. Rather, it is intended to provide an indication if significant (significant due to quantity, accessibility, or condition) potential sources of ACM or PACM are present at the Property. Additional sampling, inspection, and evaluation will be warranted for any other use.

The Property is not improved with permanent structures; therefore, ACMs are not an issue of concern.

No building plans or specifications, which may be useful in determining areas likely to have used ACM, were made available for review.

5.2 Lead-Based Paint (LBP)

The Property is not improved with permanent structures; therefore, LBP is not an issue of concern.

No additional documents regarding previous sampling efforts related to LBP were made available for review. A LBP O&M was not provided to Nova for review.

5.3 Radon

The USEPA has prepared a map to assist national, state, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, with Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the USEPA Action limit of 4.0 picoCuries per liter of air (pCi/L). It is important to note that the USEPA has found homes with elevated levels of radon in all three zones, and the USEPA recommends Property-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Review of the EPA Map of Radon Zones places the Property in Zone 3, where average predicted radon levels are less than 2.0 pCi/L.

Based on the EPA Radon Zone and the non-residential use of the Property, radon is not considered to be a significant concern and no sampling was performed or warranted.

5.4 Evidence of Mold

As part of this assessment, Nova performed a limited visual inspection for the significant presence of mold. A class of fungi, molds have been found to cause a variety of health problems in humans, including allergic, toxicological, and infectious responses. Molds are decomposers of organic materials, and thrive in humid environments, and produce tiny spores to reproduce, just as plants produce seeds. When mold spores land on a damp spot indoors, they may begin growing and digesting whatever they are growing on in order to survive. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or unaddressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials including drywall, wallpaper, baseboards, wood framing, insulation and carpeting often play host to such growth.

Nova observed interior areas of the Property for the presence of significant presence of water and/or mold. The following is a summary of water/mold damaged materials, if any, observed at the time of the assessment. This activity was not designed to discover all areas which may be affected by mold. Rather, it is intended to give the Client an indication if significant (based on observed areas) mold is present at the Property. Additional areas of mold not observed as part of this limited assessment, possibly in pipe chases, HVAC systems and behind enclosed walls and ceilings, may be present on the Property.

LIMITED MOLD SCREENING				
LOCATION	MATERIAL IMPACTED	TYPE OF DAMAGE	QUANTITY (VISIBLE ESTIMATE)	CAUSE OF DAMAGE
None	N/A	N/A	N/A	N/A

5.5 Lead in Drinking Water / Overall Drinking Water Quality

The Property is not currently connected to the municipal potable water supply provided by NYCDEP. According to the 2018 Drinking Water Supply and Quality Report, the drinking water supplied to the Property is compliant with state and federal standards, including those for lead and copper.

Nova did not conduct sampling of drinking water at the Property for the presence of total lead content.

6.0 INTERVIEWS

Pursuant to ASTM E1527-13, the following interviews were conducted during this assessment in order to obtain information indicating RECs in connection with the Property. Findings from these interviews are discussed in the appropriate sections in this report.

6.1 Present Owner, Occupants and Key Site Manager

Nova made reasonable attempts to interview occupants of the Property who possessed knowledge of its current and past use history. Individuals with good knowledge of the uses and physical characteristics of the Property that were interviewed during the course of this assessment are summarized below. Interview content is included in various sections of this report.

INTERVIEWS					
NAME	AFFILIATION	CONTACT INFORMATION	DATE CONTACTED / INTERVIEWED	DURATION OF OCCUPANCY	COMMENTS
Bridget McCrum	Property Manager	(562) 212-1186	November 19, 2018	N/A	Bridget McCrum was identified by the Client as the Key Site Manager.
Ramon Ramo	Con Edison Manager	(646) 983-4552	August 29, 2019	Unknown	Provided access to the Property
Amish Patel	Two Trees Management Co. LLC	(718) 222-2500	August 22, 2019 through September 11, 2019	N/A	Arranged for Site access and was provided pre-survey questionnaire that has not been received to date following follow-up email. Also provided several prior reports and documents.
Ioana Munteanu-Ramnic	NYS DEC - Region 2 Office, Division of Environmental Remediation	ioana.munteanu-ramnic@dec.ny.gov	September 19, 2019	At least 2012	Response not received as of the date of this report

6.2 Past Owners, Operators and Occupants

Interviews with past owners, operators, and occupants that are likely to have material information regarding the potential for contamination at the Property were not considered

reasonably ascertainable during the course of this assessment.

6.3 State and/or Local Government Officials

The following State or Local agencies that serve the area in which the Property is located were contacted in an effort to obtain information indicating RECs in connection with the Property. Interview content is discussed in detail within the Records Review section.

INTERVIEWS				
NAME	AFFILIATION	CONTACT INFORMATION	DATE CONTACTED / INTERVIEWED	STATUS
N/A	Fire Department City of New York	FOIL request	09/06/19	Response not received
N/A	New York City Department of Health and Mental Hygiene	www.nyc.gov/health	09/04/19	Information obtained online
N/A	New York City Department of Buildings	www.nyc.gov	09/05/19	Information obtained online
N/A	New York City Planning Department	www.nyc.gov	09/05/19	Information obtained online
N/A	NYSDEC	FOIL request	08/29/19	SPILLS records received and other records not received to date.

6.4 Others

Information obtained during interviews with other local government officials is incorporated into the appropriate segments of this section.

7.0 FINDINGS, OPINIONS AND CONCLUSIONS

7.1 Findings and Opinions

Evidence of RECs, CRECs, HRECs or other environmental issues in connection with the Property or off-Property facilities, if any, are detailed within the table below.

FINDING(S)	OPINION(S)
Property - RECs	

FINDING(S)	OPINION(S)
The Property was historically utilized as a No. 6 fuel oil storage complex for Con Edison North First Street Terminal (NFST) from the 1960s until decommissioned in 2012. The entirety of two of the three Property parcels (central and northern parcels, aka Complex A and B) was occupied by large fuel oil aboveground storage tanks (ASTs) that were removed in 2012. The facility is a New York State Department of Environmental Conservation (NYSDEC) Major Oil Storage Facility (MOSF) (MOSF ID No. 2-1480). Subsurface investigations were conducted on behalf of Con Edison from 1999 through 2012 in order to assess potential impact from the oil storage. These activities included soil and groundwater assessments and excavation of one area of petroleum-contaminated soil. The NYSDEC approved the work conducted for the MOSF assessment and issued a letter on July 24, 2012 indicating that no further action (NFA) was required specifically in relation to the former MOSF. The letter also indicated that volatile organic compounds (VOCs) and semi-VOCs (SVOCs) contamination was present at the Property above cleanup guidance levels and Manhattan background data. Soil exceedances included elevated levels of acetone, benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, chrysene ethylobenzene, indeno(1,2,3-cd)pyrene, toluene, and total xylenes. Groundwater exceedances included most of the analyzed VOCs and SVOCs compounds. The NFA letter indicated that elevated concentrations of toluene, xylene, and acetone as well as levels of heavy metals concentrations on Complex A appear to be linked to the adjacent up-gradient Fyn Paint & Lacquer Company (Fyn Paint) facility. Subsequent investigations continued to be performed at the Property on behalf of Con Edison at Complex A as well as the smaller southernmost parcel until 2017 in an effort to further assess contamination that appeared to be migrating from the Fyn Paint facility. These assessments also concluded that the Property has been impacted by contamination that appeared to be migrating from the Fyn Paint facility. Previous assessments of Complex B on behalf of Con Edison identified contamination that did not appear to be from the tank farms or piping. The contamination included elevated and detectable SVOCs and heavy metals in soils that exceeded NYSDEC Protection of Groundwater Soil Cleanup	The presence of contamination in soil and groundwater at the Property and potential vapor migration concern are considered a REC.

FINDING(S)	OPINION(S)
Objectives (SCO) or Residential SCOs. The consultant that conducted the assessments suspected this contamination to be from urban fill, creosote pilings or railroad ties. Based on review of available historical information, soil and groundwater contamination is present at the Property above cleanup levels and present a potential vapor migration concern for the Property. Some of the contamination is suspected to be migrating from the adjacent Fyn Paint facility. Fyn Paint is currently undergoing assessment and cleanup activities under the oversight of the NYSDEC. Other contamination has been reported to be from urban fill, creosote pilings or railroad ties.	
Property - CRECs	
None	None
Property - HRECs	
As discussed above, the former No. 6 fuel oil ASTs on the Property for use by Con Edison NFST, and registered under MOSF ID No. 2-1480, have been issued NFA by the NYSDEC in a letter dated July 24, 2012.	Based on the NYSDEC-approved assessment and cleanup work conducted, and 2012 NYSDEC NFA letter, the former No. 6 fuel oil ASTs are considered an HREC and no further action appears warranted at this time in relation to the former ASTs.
The Property is identified with multiple NYSDEC SPILLS cases and one LST case that were closed.	Based on the regulatory closures, the former SPILLS and LST cases are considered an HREC an no further action appears warranted at this time in relation to these cases.
Off-Property - RECs/CRECs/HRECs	
As discussed above, the adjacent up-gradient Fyn Paint facility appears to have impacted soil and groundwater at the Property and represents a potential vapor migration concern.	The presence of contamination in soil and groundwater at the Property and potential vapor migration concern are considered a REC.
***De Minimis* Environmental Conditions**	
None	None

7.2 Conclusions and Recommendations

Nova has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 of Vacant Land (Two Trees Management Company) at 87 and 105 River Street and W. 1st Street, Brooklyn, NY. Any exceptions to or deletions from this practice are described in the Introduction Section of this report.

This assessment has revealed no evidence of RECs (including CRECs) in connection with the Property except for the following. Based on the information available during the course of this assessment, and given the presence of the following RECs in connection with the Property, Nova also provides the following recommendation(s).

CONCLUSION(S)	RECOMMENDATION(S)
Soil and groundwater contamination are present at the Property above cleanup levels. The Property was historically utilized as a No. 6 fuel oil storage complex for Con Edison North First Street Terminal (NFST) from the 1960s until decommissioned in 2012. The entirety of two of the three Property parcels (central and northern parcels, aka Complex A and B) was occupied by large fuel oil aboveground storage tanks (ASTs) that were removed in 2012. The facility is a New York State Department of Environmental Conservation (NYSDEC) Major Oil Storage Facility (MOSF) (MOSF ID No. 2-1480). Subsurface investigations were conducted on behalf of Con Edison from 1999 through 2012 in order to assess potential impact from the oil storage. These activities included soil and groundwater assessments and excavation of one area of petroleum-contaminated soil. The NYSDEC approved the work conducted for the MOSF assessment and issued a letter on July 24, 2012 indicating that no further action (NFA) was required specifically in relation to the former MOSF. The letter also indicated that volatile organic compounds (VOCs) and semi-VOCs (SVOCs) contamination was present at the Property above cleanup guidance levels and Manhattan background data. Soil exceedances included elevated levels of acetone, benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, chrysene ethylobenzene, indeno(1,2,3-cd)pyrene, toluene, and total xylenes. Groundwater exceedances included most of the analyzed VOCs and SVOCs compounds. The NFA letter indicated that elevated concentrations of toluene, xylene, and acetone as well as levels of heavy metals concentrations on Complex A appear to be linked to the adjacent up-gradient Fyn Paint & Lacquer Company (Fyn Paint) facility. Subsequent investigations continued to be performed at the Property on behalf of Con Edison at Complex A as well as the smaller southernmost parcel until 2017 in an effort to further assess contamination that appeared to be migrating from the Fyn Paint facility. These assessments also concluded that the Property has been impacted by contamination that appeared to be migrating from the Fyn Paint facility. Previous assessments of Complex B on behalf of Con Edison identified contamination that did not appear to be from the tank farms or piping. The contamination included elevated and detectable	It is to Nova's understanding that there is planned redevelopment of the Property for residential purposes. The soil contamination exceeds unrestricted residential use criteria and will need engineering and institutional controls to make the property suitable for residential development. A Health and Safety Plan, a Community Air Monitoring Plan (CAMP), and a Soil Management Plan will be needed during development to address the handling and offsite disposal of the contaminated soil and water during construction. Some of the VOC groundwater contaminant concentrations exceed the USEPA Vapor Intrusion Screening Levels (VISLs) so there is the potential for a vapor intrusion risk to future site buildings. The vapor intrusion pathway should be evaluated prior to construction. A chemically protective vapor intrusion mitigation barrier may be warranted as part of the proposed future residential development. Cleanup of contamination at the Property should be performed under regulatory oversight.

CONCLUSION(S)	RECOMMENDATION(S)
SVOCs and heavy metals in soils that exceeded NYSDEC Protection of Groundwater Soil Cleanup Objectives (SCO) or Residential SCOs. The consultant that conducted the assessments suspected this contamination to be from urban fill, creosote pilings or railroad ties. Based on review of available historical information, soil and groundwater contamination is present at the Property above cleanup levels and present a potential vapor migration concern for the Property. Some of the contamination is suspected to be migrating from the adjacent Fyn Paint facility. Fyn Paint is currently undergoing assessment and cleanup activities under the oversight of the NYSDEC. Other contamination has been reported to be from urban fill, creosote pilings or railroad ties.	

7.2.1 Non-Scope Considerations (NSCs)/Business Environmental Risks (BERs)

Environmental issues with regard to NSCs or BERs, if any, identified in connection with the Property at the time of the Property assessment are detailed below.

FINDING	RECOMMENDATION
A gasoline tank was depicted on the southeastern portion of the Property central parcel on the 1942 Fire Insurance Map, and was not depicted in the earlier or later maps. According to review of the provided environmental reports, benzene was detected at 2.2 micrograms per liter (ug/L) from the groundwater sampling in 2010 at MW-10, which was located near the depicted location of the gasoline tank. No concentrations were detected above the regulatory action levels for benzene at this well. Although no documentation was available confirming the removal of the tank, the tank, if remaining, was potentially encountered and removed when the area was developed with large AST(s) in the 1960s that would have required certain depth of soil excavation.	No documentation was available confirming the proper closure/removal of the former gasoline tank depicted on the 1942 historical Fire Insurance Map. However, considering the subsequent redevelopment of the area with large ASTs and based on the findings of subsurface investigations in nearby areas, it does not appear likely the former gasoline tank or associated contamination remain onsite. If a tank is encountered during the proposed redevelopment of the Property, it should be removed properly in accordance with applicable regulations.

7.3 Deletions and Deviations

Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with the Property based on reasonably ascertainable information, as well as reasonable constraints with regard to time and cost. All limiting conditions, deletions, and deviations from the ASTM E1527-13 (if any) is listed individually

and in detail, including Client imposed constraints, and all additions, within the Introduction section of this report.

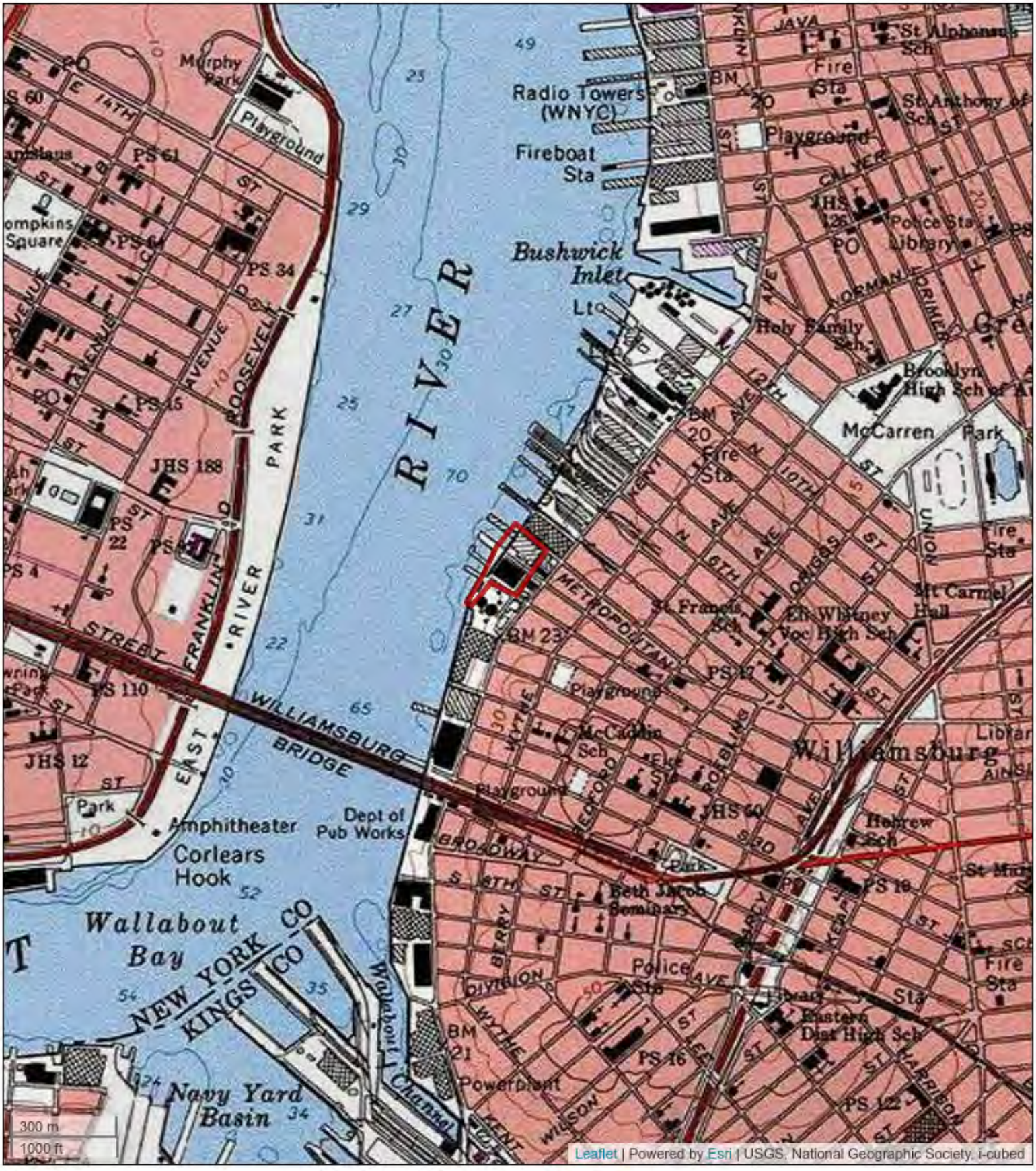
8.0 REFERENCES

TYPE	SOURCE
Aerial Photographs	ERIS; Google Earth
City Directories	Brooklyn Public Library, Brooklyn, NY
Fire Insurance Map	ERIS
Flood Insurance Map	Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program (online source), https://msc.fema.gov/portal/search
Geology	https://pubs.usgs.gov/ha/ha730/gwa.html
Hydrology	Prior subsurface investigations and topographic maps.
Oil/Gas Exploration	NYSDEC Oil and Gas Wells Data Search: http://www.dec.ny.gov/cfmx/extapps/GasOil/search/wells/index.cfm.
Radon	United States Environmental Protection Agency (EPA) Map of Radon Zones (online resource), http://www.epa.gov/radon/pdfs/zonemapcolor.pdf
Regulatory Database Information	ERIS, 87 and 105 River Street and W. 1st Street, Brooklyn, NY, Inquiry No. 20190822112, August 22, 2019
Soils	United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS), Web Soil Survey (online resource), http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx
Topographic Map	United States Geological Survey – 7.5 Minute Topographic Quadrangle of Brooklyn, NY, 1979/photo-revised 1995.
Water Wells	NYSDEC Water Well Information Search Wizard: http://www.dec.ny.gov/cfmx/extapps/WaterWell/index.cfm.
Water Quality Report	NYCDEP Drinking Water Supply and Quality Report, 2018
Wetlands	U.S. Fish & Wildlife Service (online resource), http://www.fws.gov/wetlands/Data/Mapper.html.

ACRONYMS/ABBREVIATIONS

ACM	Asbestos Containing Material
AMSD	Approximate Minimum Search Distance
APN	Assessor Parcel Number
ASTM	American Society of Testing and Materials
AULs	Activity and Use Limitations
BFE	Base Flood Elevation
BER	Business Environmental Risk
COC	Chemical of Concern
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
CREC	Controlled Recognized Environmental Condition
ERIS	Environmental Risk Information Services
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
FBG	Feet Below Grade
FINDS	Facility Index System
FOIA	Freedom of Information Act
HREC	Historical Recognized Environmental Condition
HVAC	Heating, Ventilation and Air Conditioning
IC	Institutional Controls
LBP	Lead Based Paint
LQG	Large Quantity Generator
LUST	Leaking Underground Storage Tank
NFA	No Further Action
Non-Gen	Non-Generator
Nova	Nova Consulting Group, Inc.
NPL	National Priorities Listing
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
ROC	Records of Communication
SHWS	State Hazardous Waste Sites
SQG	Small Quantity Generator
TSDF	Hazardous Waste Treatment, Storage or Disposal Facility
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program

FIGURES: Property Maps



Topographic Map

19-002028-05-1, 19-002028-06-1, 19-002028-07-1, 19-002028-08-1 - Two Trees Management Company
87 River Street
Brooklyn, NY 11211
Project #: R19-5753

Nova Group



Property Vicinity Map

19-002028-05-1, 19-002028-06-1, 19-002028-07-1, 19-002028-08-1 - Two Trees Management Company
87 River Street
Brooklyn, NY 11211
Project #: R19-5753

Nova Group



Property Details Map

Two Trees Management Company
87 River Street
Brooklyn, NY 11211
Project#: R19-5753

Nova Group

APPENDIX A: Photographic Documentation



1. Security fencing along River Street and North 1st Street looking northwest from River Street



2. Security fencing and entry gate at the central portion of the Property looking west from River Street



3. Electrical shed at the eastern portion of the Property



4. View of the northern portion of the Property looking southwest from interior



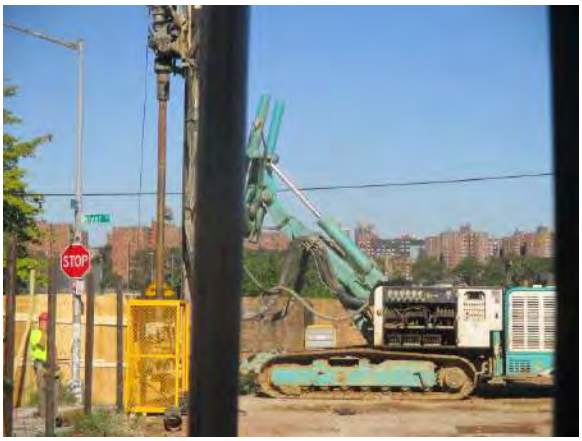
5. Northern portion of the Property looking northwest from interior



6. View of the southern portion of the Property looking south from interior

	
7. Southern portion of the Property looking southwest from interior	8. Presumed former structural pilings for fuel storage tanks at the southern portion of the Property
	
9. Presumed former structural pilings for fuel storage tanks at the southern portion of the Property	10. Phragmites wetland vegetation at the southeast portion of the Property
	
11. View of North 1st Street along the southern Property boundary looking west	12. View of the southwest portion of the Property looking south through security fencing

	
13. View of the southwest portion of the Property looking north from adjacent jetty	14. Storm water catch drains at the central portion of the Property along Metropolitan Avenue
	
15. Concrete slabs for former building at the central portion of the Property along Metropolitan Avenue	16. Typical groundwater monitoring well in municipal sidewalk along River Street
	
17. Groundwater monitoring well at the southwest portion of the Property viewed through fencing	18. Apartment building adjoining the Property to the north across North 3rd Street

	
19. New York Power Authority Kent Power Plant adjoining the Property to the south	20. Ammonium hydroxide tank for New York Power Authrority
	
21. Grand Ferry Park adjoining the southwest portion of the Property to the southeast	22. Office building adjoining the Property to the southeast across River Street
	
23. Undeveloped lot and former Fyn Paint and Lacquer adjoining the Property to the east across River Street	24. Evidence of drilling activities for sampling at former Fyn Paint and Lacquer

	
25. Typical groundwater monitoring wells for former Fyn Paint and Lacquer	26. Office building being constructed on adjoining Property to the northeast across River Street
	
27. Former fueling docks along East River adjoining the Property to the west	28. Bulk head and former fueling docks along the East River adjoining the Property to the west

APPENDIX B-1: Historical Aerial Photographs

ENVIRONMENTAL RISK INFORMATION SERVICES

HISTORICAL AERIALS

Project Property:	*Two Trees Management Company* *87 River Street,105 River Street and an unaddressed parcel on West 1st Street.* *Brooklyn, NY 11249*
Project No:	*R19-5753*
Requested By:	*Nova Group, GBC*
Order No:	*20190822112*
Date Completed:	*August 22, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Search Results Summary

Year	Source	Scale	Comment
2017	**NAIP** - National Agriculture Information Program	1"=500'	
2015	**NAIP** - National Agriculture Information Program	1"=500'	
2013	**NAIP** - National Agriculture Information Program	1"=500'	
2011	**NAIP** - National Agriculture Information Program	1"=500'	
2009	**NAIP** - National Agriculture Information Program	1"=500'	
2006	**NAIP** - National Agriculture Information Program	1"=500'	
1994	**USGS** - US Geological Survey	1"=500'	
1985	**NHAP** - National High Altitude Photography	1"=500'	
1976	**USGS** - US Geological Survey	1"=500'	
1966	**USGS** - US Geological Survey	1"=500'	
1959	**USAF** - United States Air Force	1"=500'	
1954	**USGS** - US Geological Survey	1"=500'	
1951	**ASCS** - Agriculture and Soil Conservation Service	1"=500'	
1924	**FAIRCHILD** - Private Company	1"=500'	



Order No. 20190822112

2017

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY.

Source: NAIP

Scale: 1 inch=500 feet

Comment:

N

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Order No. 20190822112

2015

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY.

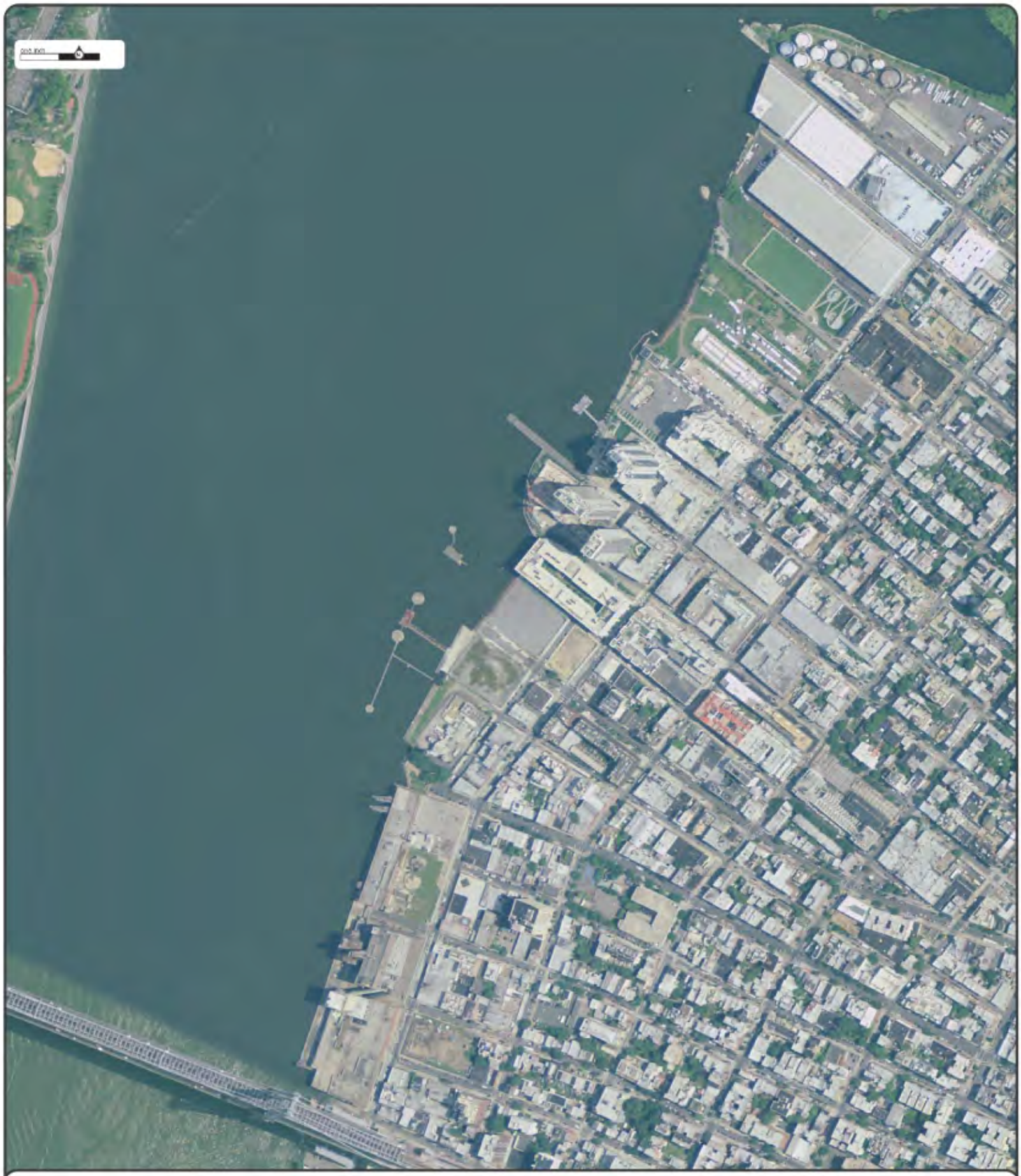
Source: NAIP

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING



Order No. 20190822112

2013

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY,

Source: NAIP

Scale: 1 inch=500 feet

Comment:

N

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Order No. 20190822112

2011

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY.

Source: NAIP

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING



Order No. 20190822112

2009

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY.

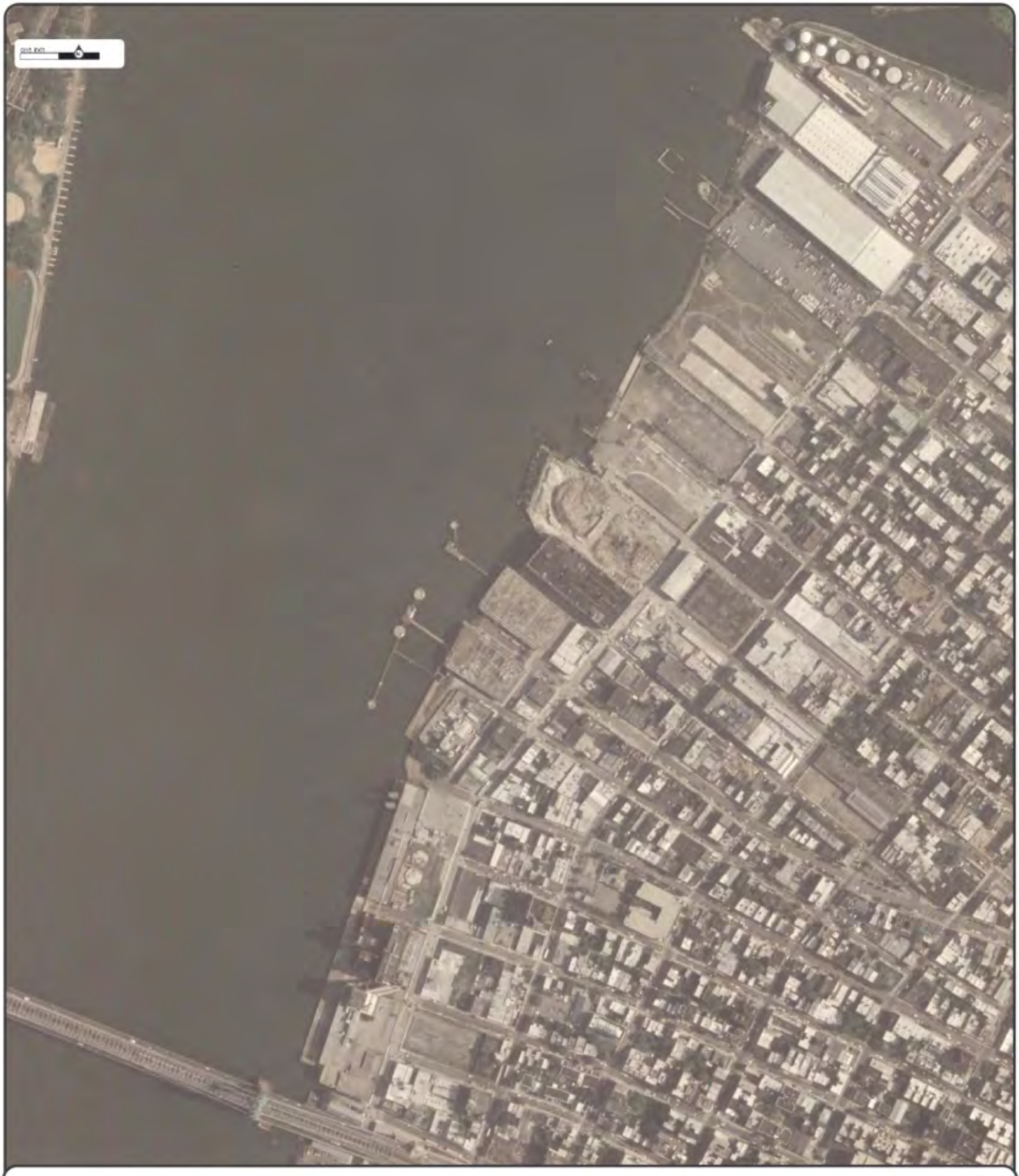
Source: NAIP

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING



Order No. 20190822112

2006

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY.

Source: NAIP

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING



Order No. 20190822112

1994

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY,

Source: USGS

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING



Order No. 20190822112

1985

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY.

Source: NHAP

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING



Order No. 20190822112

1976

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY,

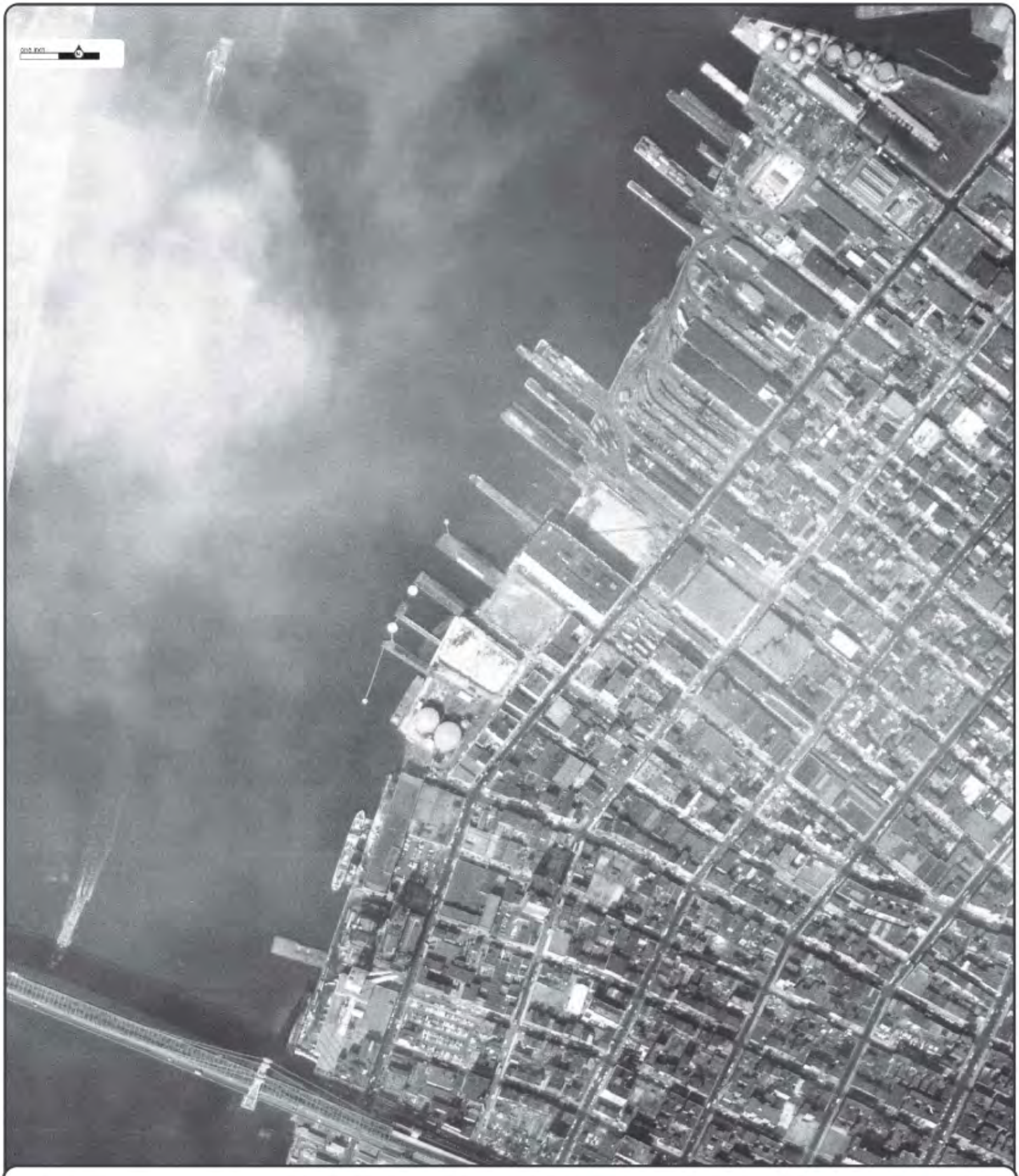
Source: USGS

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING



Order No. 20190822112

1966

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY,

Source: USGS

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING



Order No. 20190822102

1959

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY.

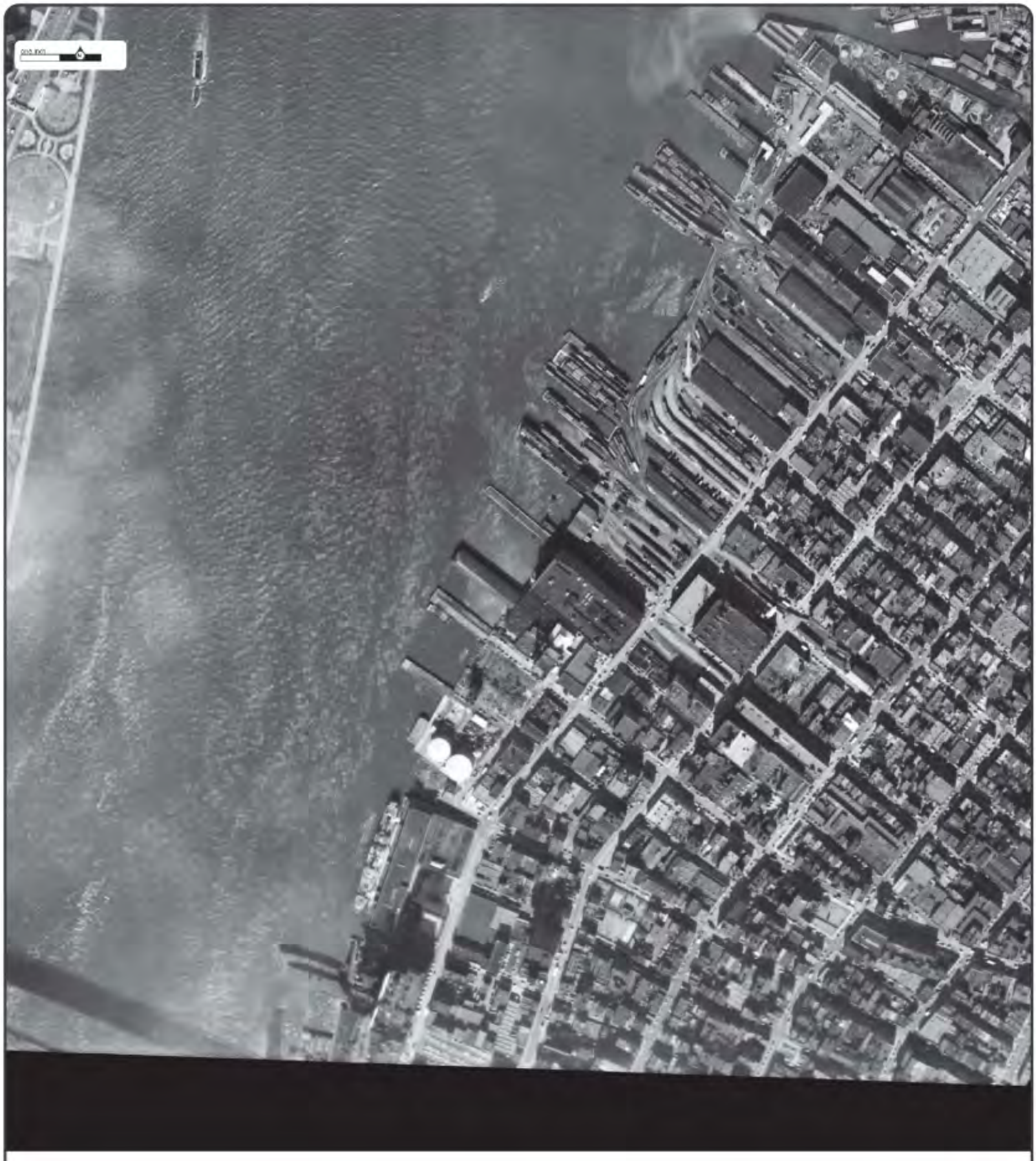
Source: USAF

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING



Order No. 20190822112

1954

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY,

Source: USGS

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING



Order No. 20190822112

1951

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY.

Source: ASCS

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING



Order No. 20190822112

1924

Project No. R19-5753

Site Name. Two Trees Management Company, 87 River Street, 105 River Street And An Unaddressed Parcel On West 1st Street., Brooklyn, NY,

Source: FAIRCHILD

Scale: 1 inch=500 feet

Comment:

N

NOVA CONSULTING

APPENDIX B-2: Historical Topographic Maps

ENVIRONMENTAL RISK INFORMATION SERVICES

TOPOGRAPHIC MAPS

Project Property:	Two Trees Management Company 87 River Street,105 River Street and an unaddressed parcel on West 1s Brooklyn NY 11249
Requested By:	R19-5753
Order No:	20190822112
Date Completed:	August 23, 2019

Environmental Risk Information Services
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1.866.517.5204 | info@erisinfo.com | erisinfo.com

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2016	7.5
1995	7.5
1979	7.5
1967	7.5
1956	7.5
1947	7.5
1900	15
1898	15
1897	15
1891	15
1889	15

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.
No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS. This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.



Order No. 20190822112

2016

Quadrangle(s): Brooklyn,NY

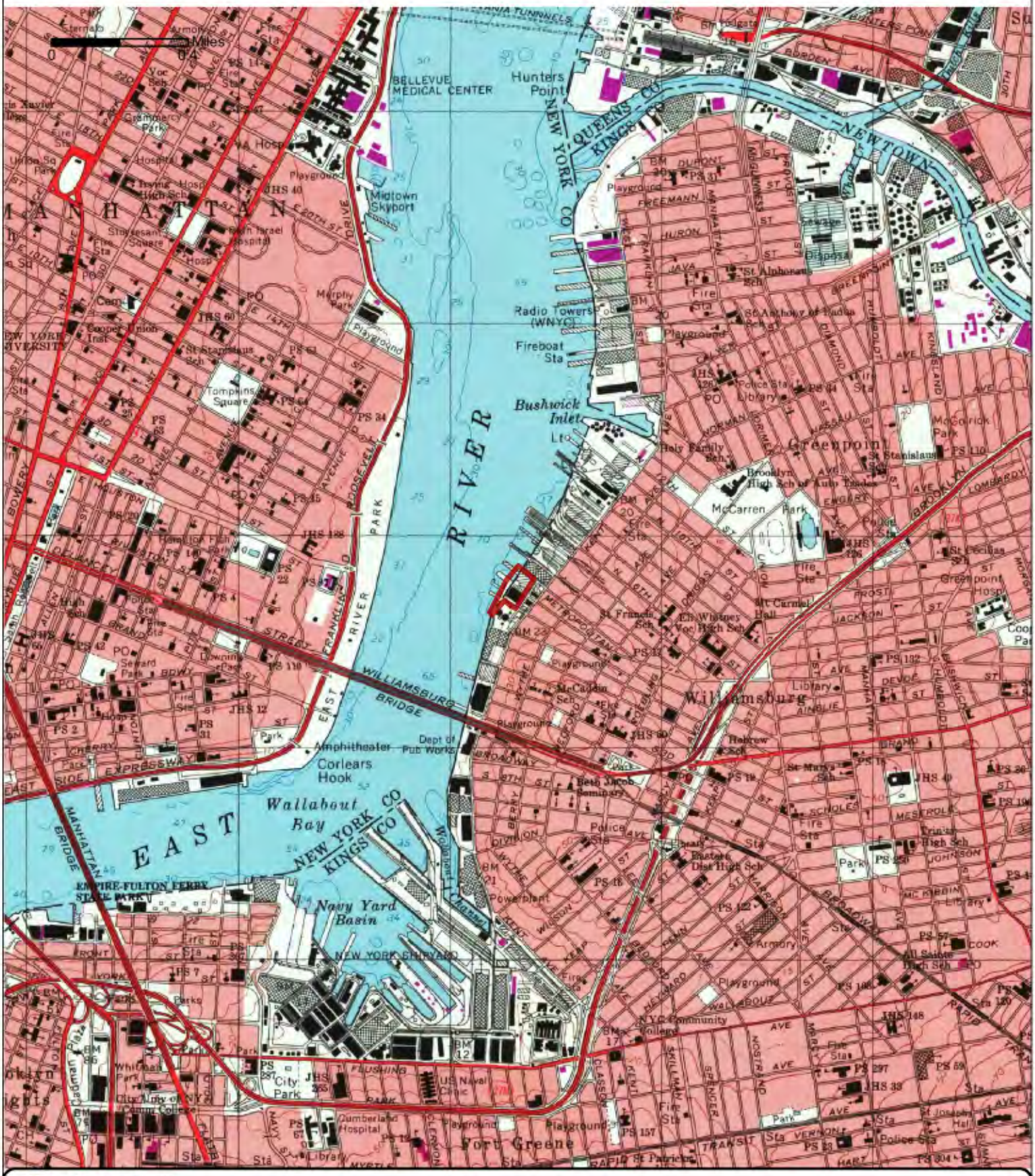
Project No. R19-5753

Site Name: Two Trees Management Company,87 River Street,105 River Street and an unaddressed parcel on West 1st Street.

Source: USGS 7.5 Minute Topographic Map

N

Nova Group


Miles
0
0.4
BELLEVUE MEDICAL CENTER
Hunters Point
QUEENS CO
KINGS CO
NEW YORK CO
NEWTOWN
MANHATTAN
Midtown Skyport
Radio Towers (WNYC)
Fireboat Sta
Bushwick Inlet
RIVER
EAST
Greenpoint
Williamsburg
Corlears Hook
Wallabout Bay
Navy Yard Basin
NEW YORK SHIPYARD
Fort Greene
WILLIAMSBURG BRIDGE
MANHATTAN BRIDGE
EAST RIVER PARK
FRANKLIN D ROOSEVELT
EAST RIVER
EAST RIVER DRIVE
BROOKLYN QUEENS EXPRESSWAY
EAST SIDE
Amphitheater
Dept of Pub Works
Tompkins Square
McCarren Park
McGolrick Park
Murphy Playground
Playground
Park
Armory
Library
Police Sta
Fire Sta
Hospital
Playground
Beth Jacob Seminary
Brooklyn High Sch of Auto Trades
Eli Whitney Voc High Sch
Pratt Institute
Powerplant
US Naval Clinic
Cumberland Hospital
City Park
Empire-Fulton Ferry State Park
Order No. 20190822112
1995
Quadrangle(s): Brooklyn,NY
Project No. R19-5753
Site Name: Two Trees Management Company,87 River Street,105 River Street and an unaddressed parcel on West 1st Street.
Source: USGS 7.5 Minute Topographic Map
N
Nova Group



Order No. 20190822112

1979

Quadrangle(s): Brooklyn,NY

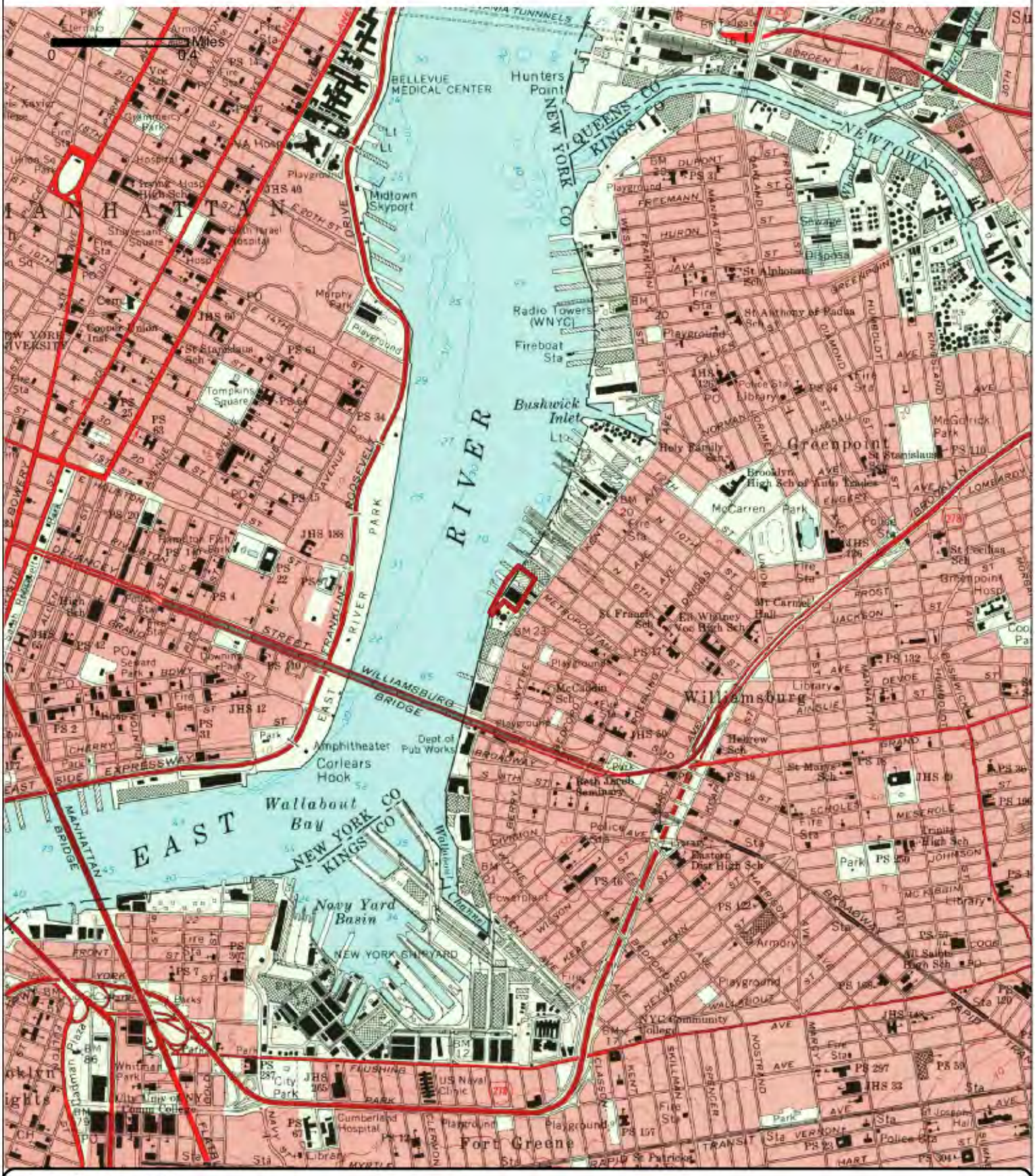
Project No. R19-5753

Site Name: Two Trees Management Company,87 River Street,105 River Street and an unaddressed parcel on West 1st Street.

Source: USGS 7.5 Minute Topographic Map

N

Nova Group



Order No. 20190822112

1967

Quadrangle(s): Brooklyn,NY

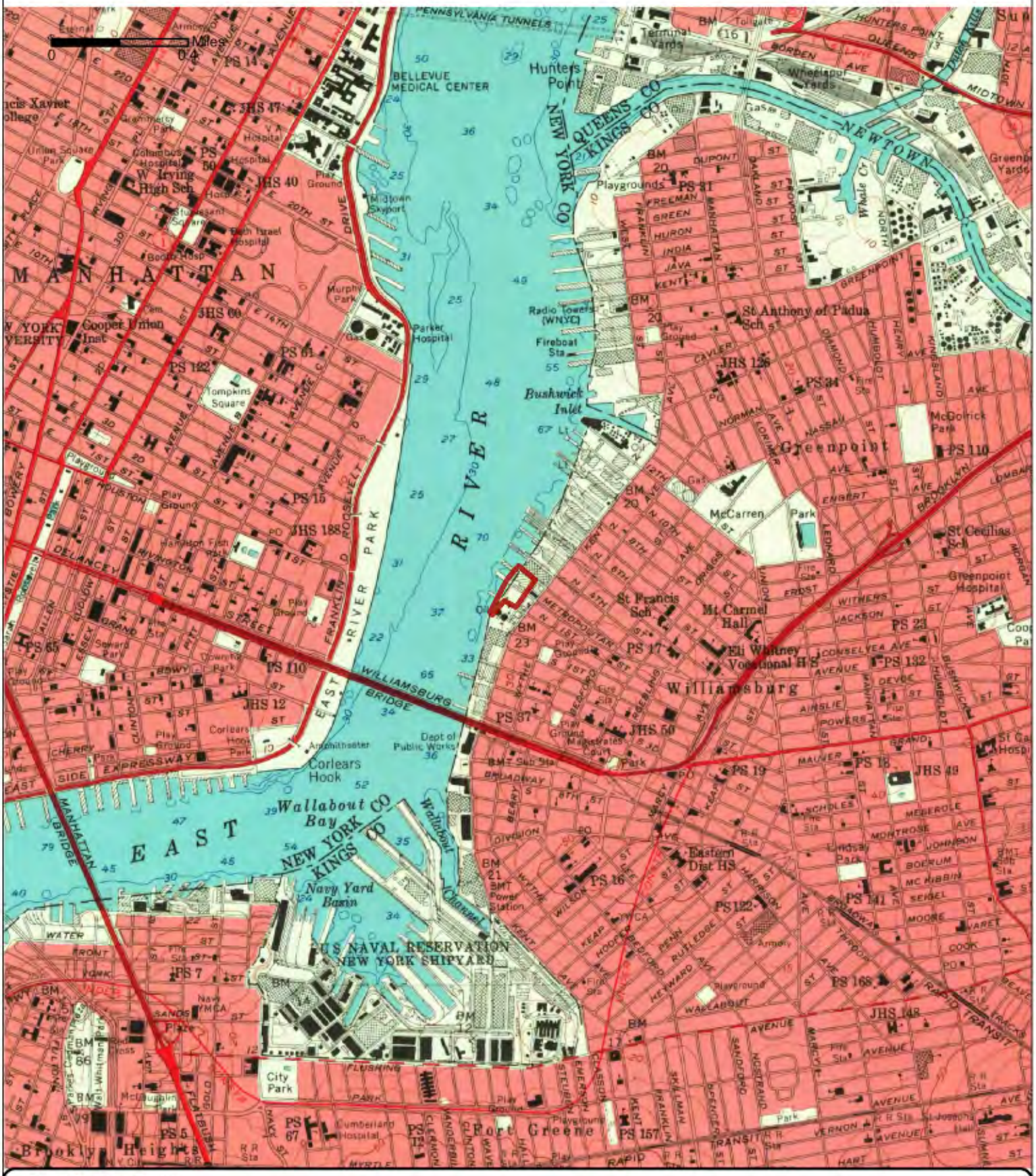
Project No. R19-5753

Site Name: Two Trees Management Company,87 River Street,105 River Street and an unaddressed parcel on West 1st Street.

Source: USGS 7.5 Minute Topographic Map

N

Nova Group



Order No. 20190822112

1956

Quadrangle(s): Brooklyn,NY

Project No. R19-5753

Site Name: Two Trees Management Company,87 River Street,105 River Street and an unaddressed parcel on West 1st Street.

Source: USGS 7.5 Minute Topographic Map

N

Nova Group



Order No. 20190822112

1947

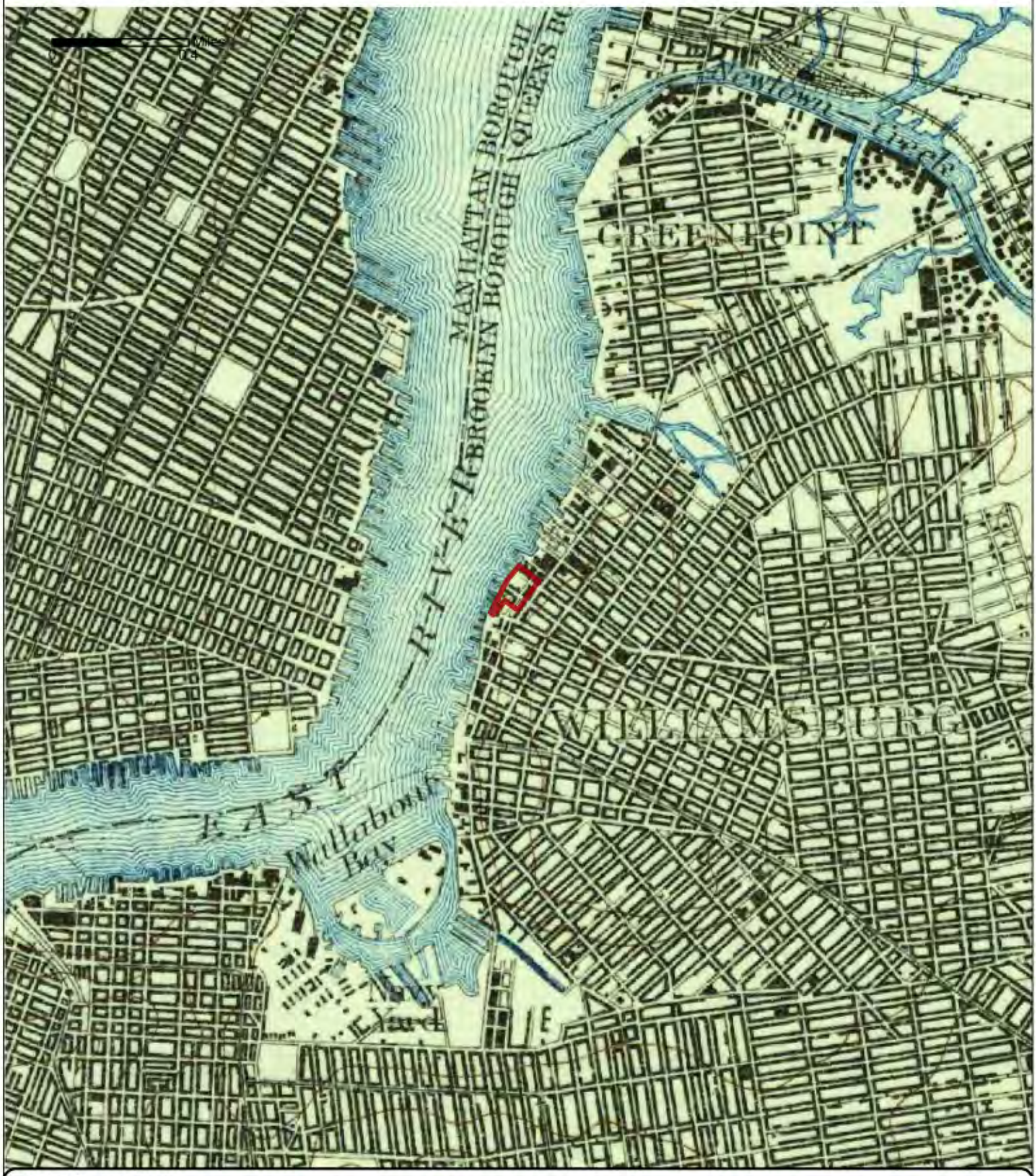
Quadrangle(s): Brooklyn,NY

Project No. R19-5753

Site Name: Two Trees Management Company,87 River Street,105 River Street and an unaddressed parcel on West 1st Street.

Source: USGS 7.5 Minute Topographic Map

Nova Group



Order No. 20190822112

1900

Quadrangle(s): Brooklyn,NY

Project No. R19-5753

Site Name: Two Trees Management Company,87 River Street,105 River Street and an unaddressed parcel on West 1st Street.

Source: USGS 15 Minute Topographic Map

N

Nova Group



Order No. 20190822112

1898

Quadrangle(s): Brooklyn,NY

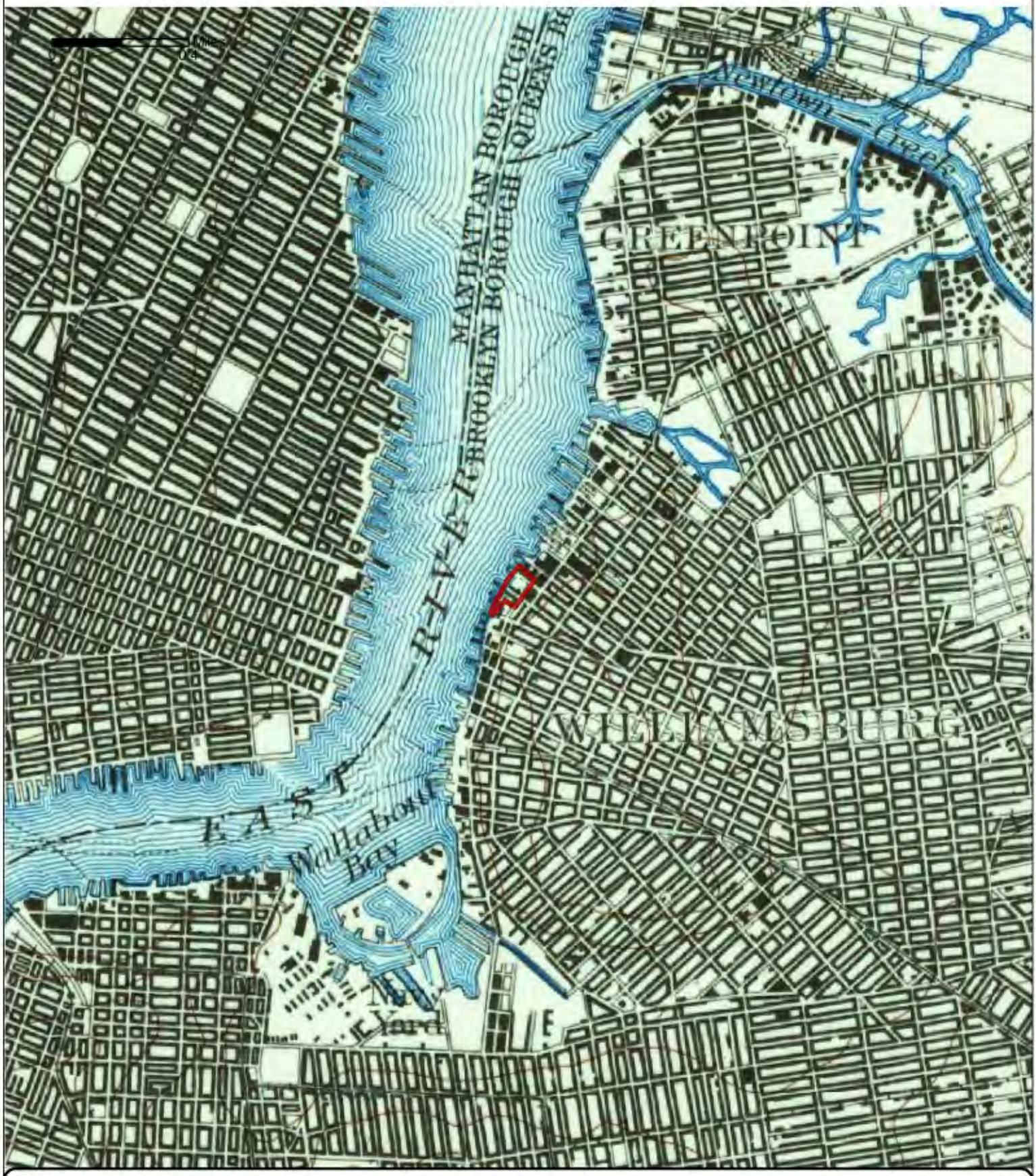
Project No. R19-5753

Site Name: Two Trees Management Company,87 River Street,105 River Street and an unaddressed parcel on West 1st Street.

Source: USGS 15 Minute Topographic Map

N

Nova Group



Order No. 20190822112

1897

Quadrangle(s): Brooklyn,NY

Project No. R19-5753

Site Name: Two Trees Management Company,87 River Street,105 River Street and an unaddressed parcel on West 1st Street.

Source: USGS 15 Minute Topographic Map

N

Nova Group



Order No. 20190822112

1891

Quadrangle(s): Brooklyn,NY

Project No. R19-5753

Site Name: Two Trees Management Company,87 River Street,105 River Street and an unaddressed parcel on West 1st Street.

Source: USGS 15 Minute Topographic Map

N

Nova Group



Order No. 20190822112

1889

Quadrangle(s): Brooklyn,NY

Project No. R19-5753

Site Name: Two Trees Management Company,87 River Street,105 River Street and an unaddressed parcel on West 1st Street.

Source: USGS 15 Minute Topographic Map

N

Nova Group

APPENDIX B-3: Fire Insurance Maps

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

FIRE INSURANCE MAPS

Project Property:	*Two Trees Management Company* *87 River Street,105 River Street and an unaddressed parcel on West 1st Street.* *Brooklyn NY 11249*
Project No:	*R19-5753*
Requested By:	*Nova Group, GBC*
Order No:	*20190822112*
Date Completed:	*August 26, 2019*

Environmental Risk Information Services
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Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjuction with your ERIS report.

Date	City	Sate	Volume	Sheet Number(s)
1989	Brooklyn	New York	3	8
1988	Brooklyn	New York	4	1, 11, 12
1987	Brooklyn	New York	3	8
1986	Brooklyn	New York	3	8
1984	Brooklyn	New York	3	8
1983	Brooklyn	New York	4	1, 11, 12
1982	Brooklyn	New York	3	8
1981	Brooklyn	New York	3	8
1980	Brooklyn	New York	3	8
1979	Brooklyn	New York	3	8
1965	Brooklyn	New York	3	8
1951	Brooklyn	New York	4	1, 11, 12
1950	Brooklyn	New York	3	8
1947	Brooklyn	New York	3	8
1942	Brooklyn	New York	4	1, 11, 12
1935	Brooklyn	New York	3	8
1928	New York	New York	Special Atlases	42
1922	New York	New York	Special Atlases	34
1918	Brooklyn	New York	3	8
1916	Brooklyn	New York	4	1, 11, 12
1905	Brooklyn	New York	4	1, 11, 12
1904	Brooklyn	New York	3	8
1887	Brooklyn	New York	3	59

Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

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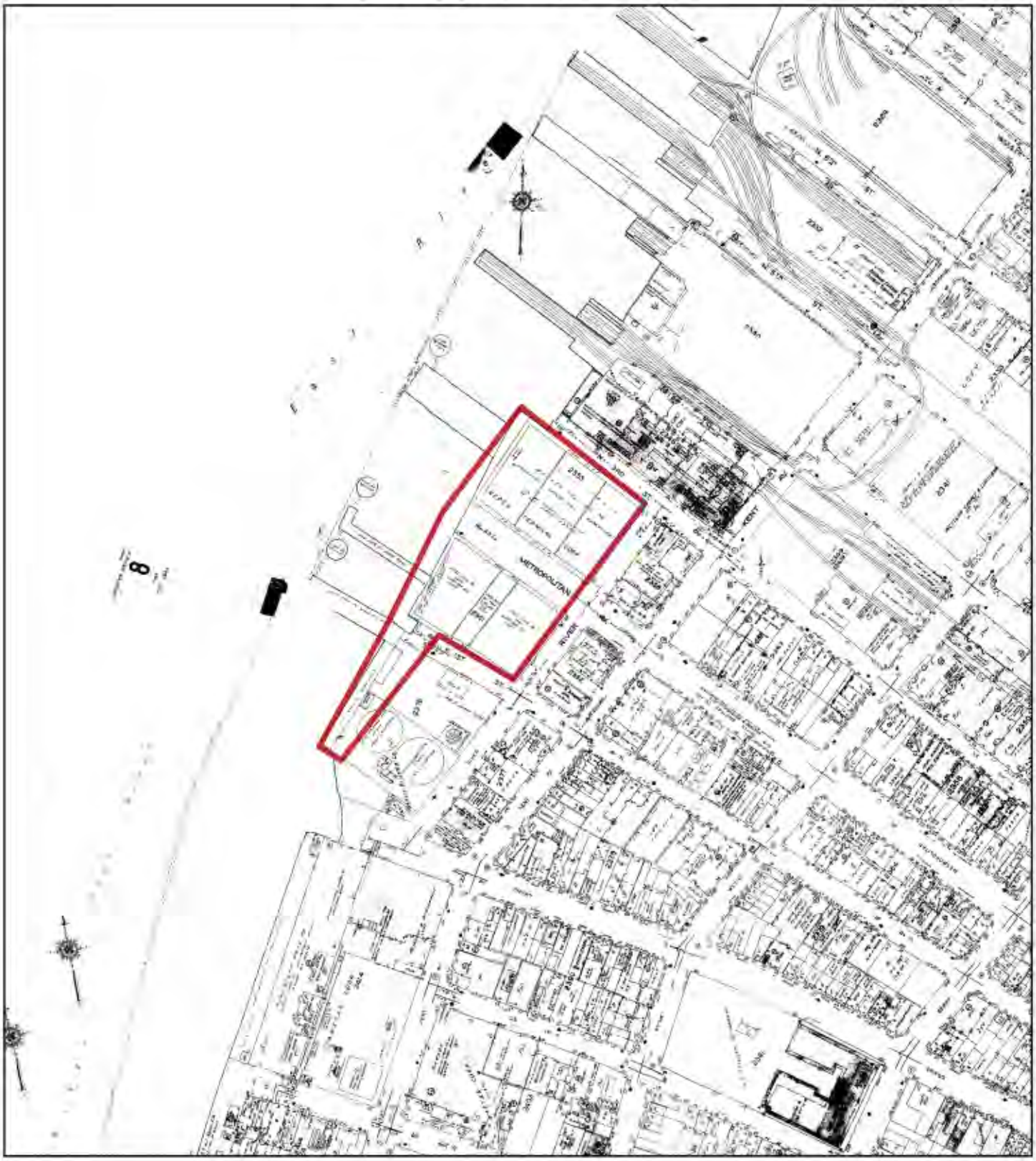
Fire Insurance Map

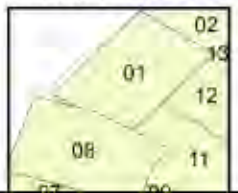


1989

0 135 270 540 810 1,080
Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

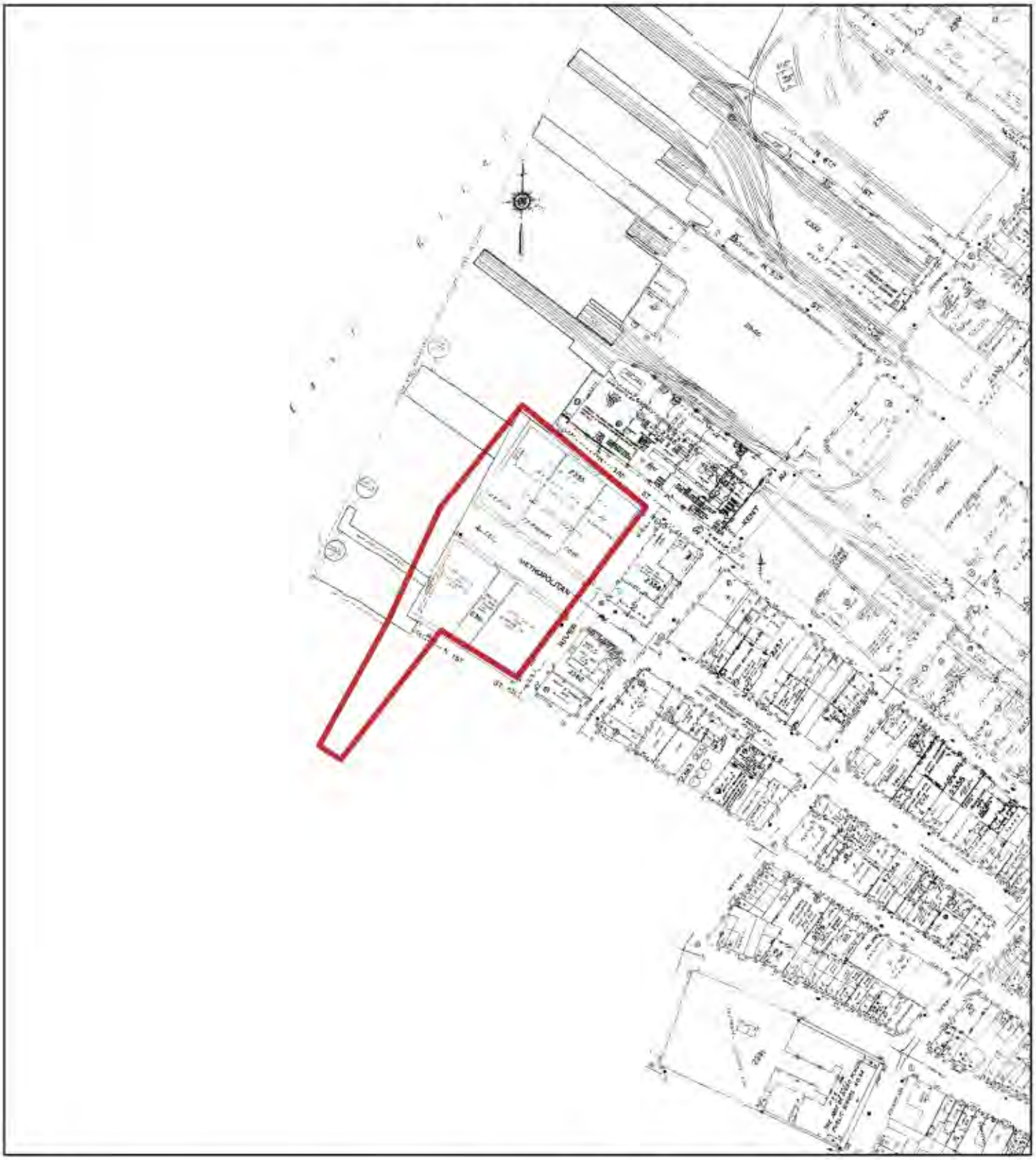
Order Number 20190822112



Map sheet(s):
Volume 3:8;
Volume 4:1,11,12;

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

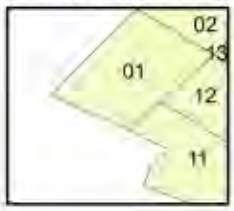
Fire Insurance Map



1988

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street,Brooklyn NY 11249

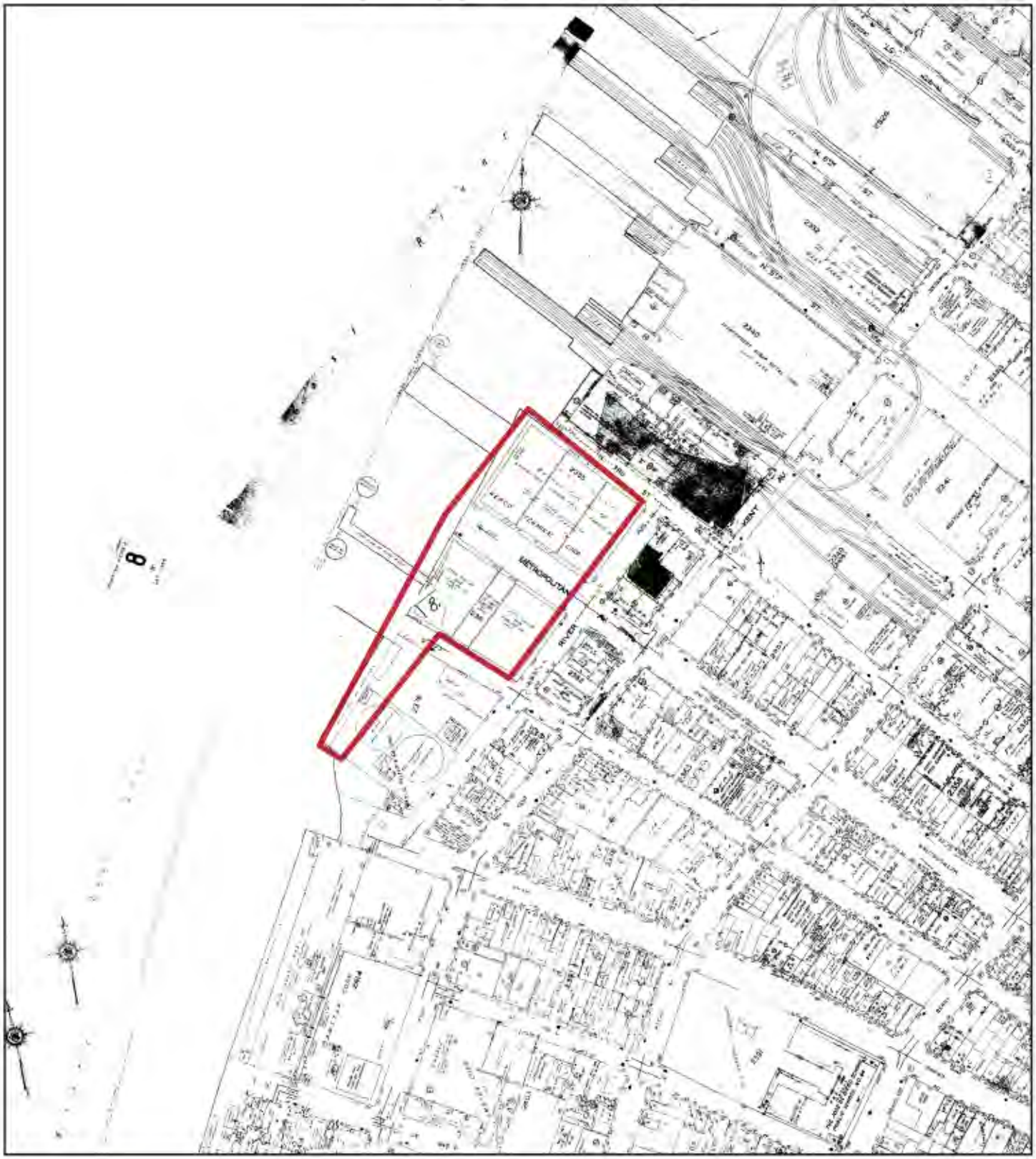
Order Number 20190822112



Map sheet(s):
Volume 4:1,11,12;

ERIS

Fire Insurance Map



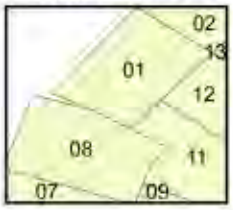
1987

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street,Brooklyn NY 11249

Order Number 20190822112



Map sheet(s):
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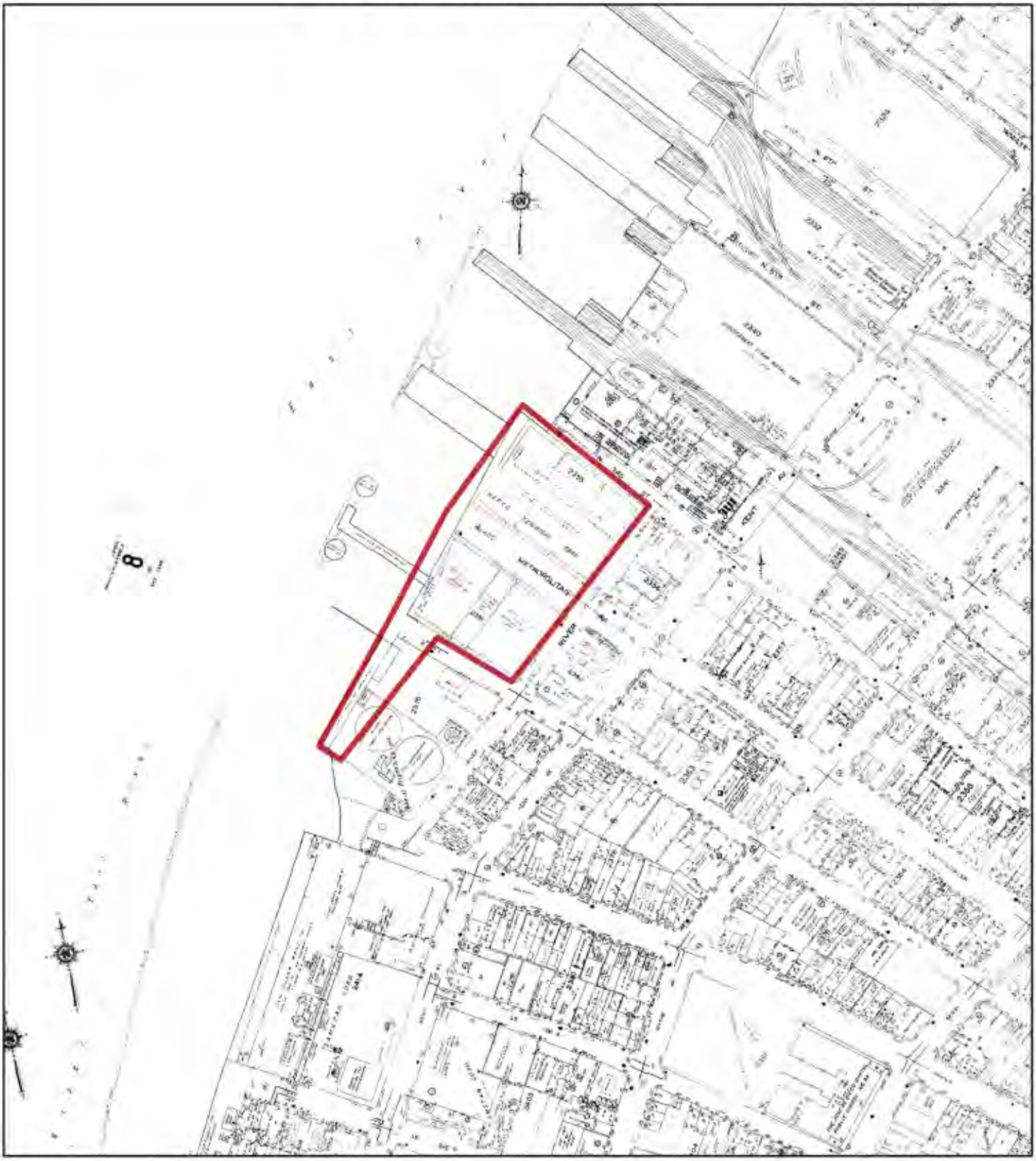
Volume 4:1,11,12;

ERIS

Fire Insurance Map



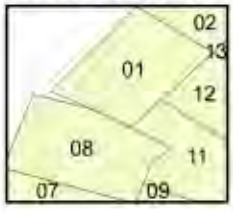
1986

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

Order Number 20190822112



Map sheet(s):
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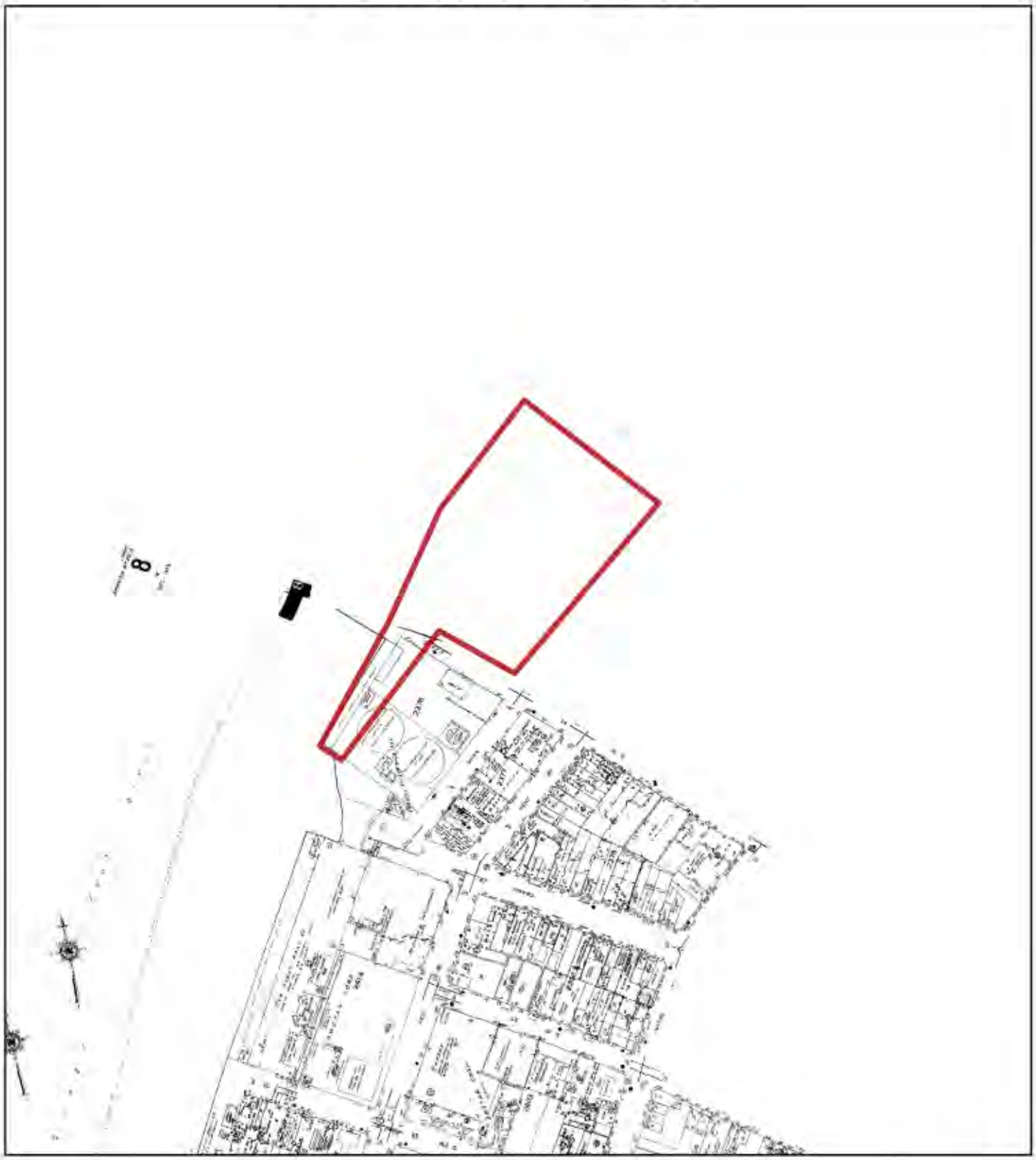
Volume 4:1,11,12;

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



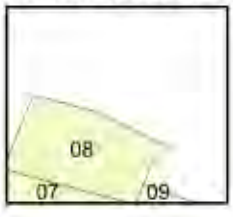
1984

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

Order Number 20190822112



Map sheet(s):
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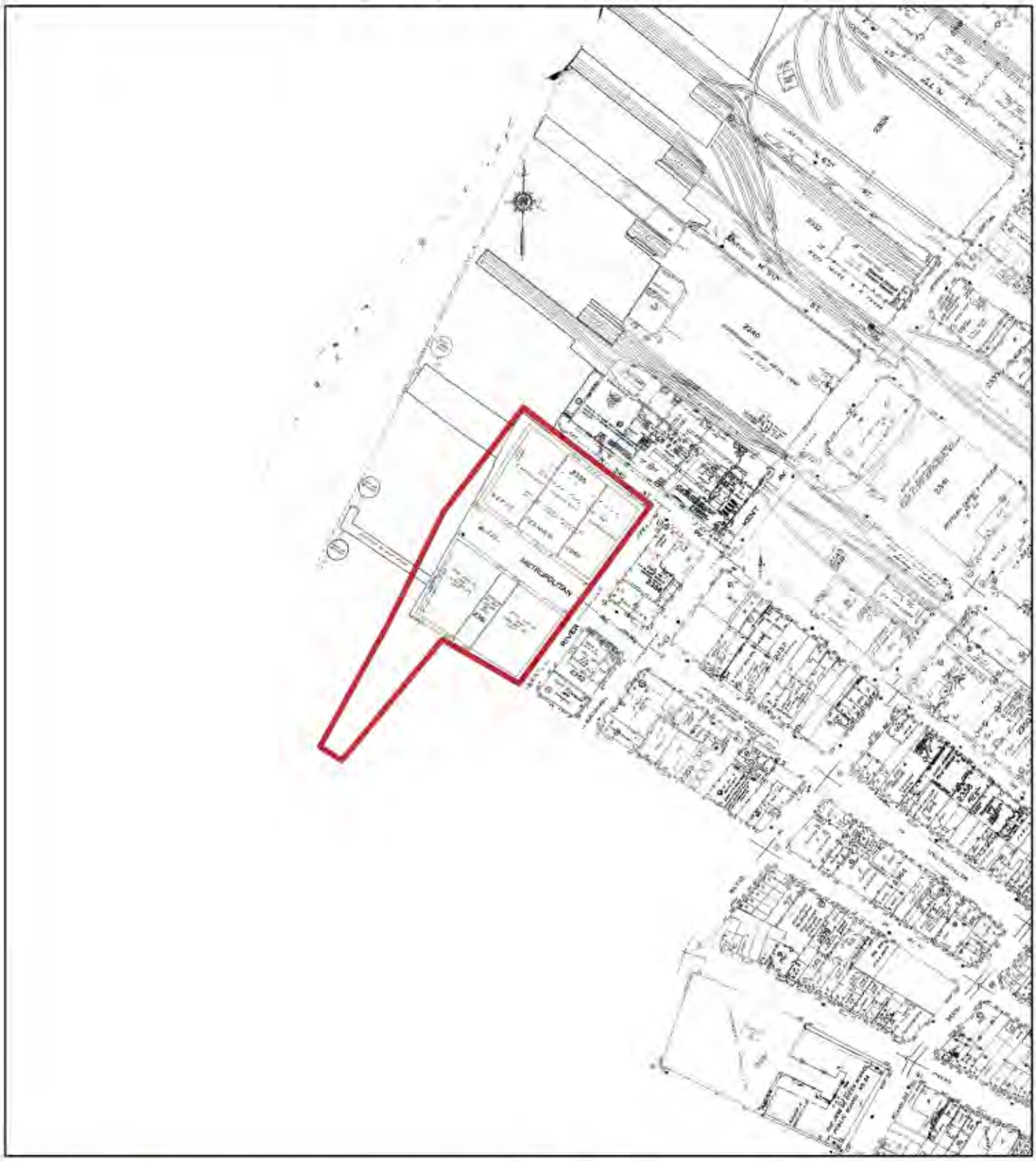
ERIS

Fire Insurance Map



1983

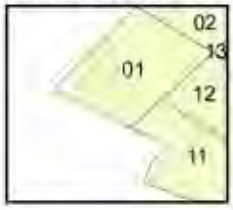
N

0 135 270 540 810 1,080

Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

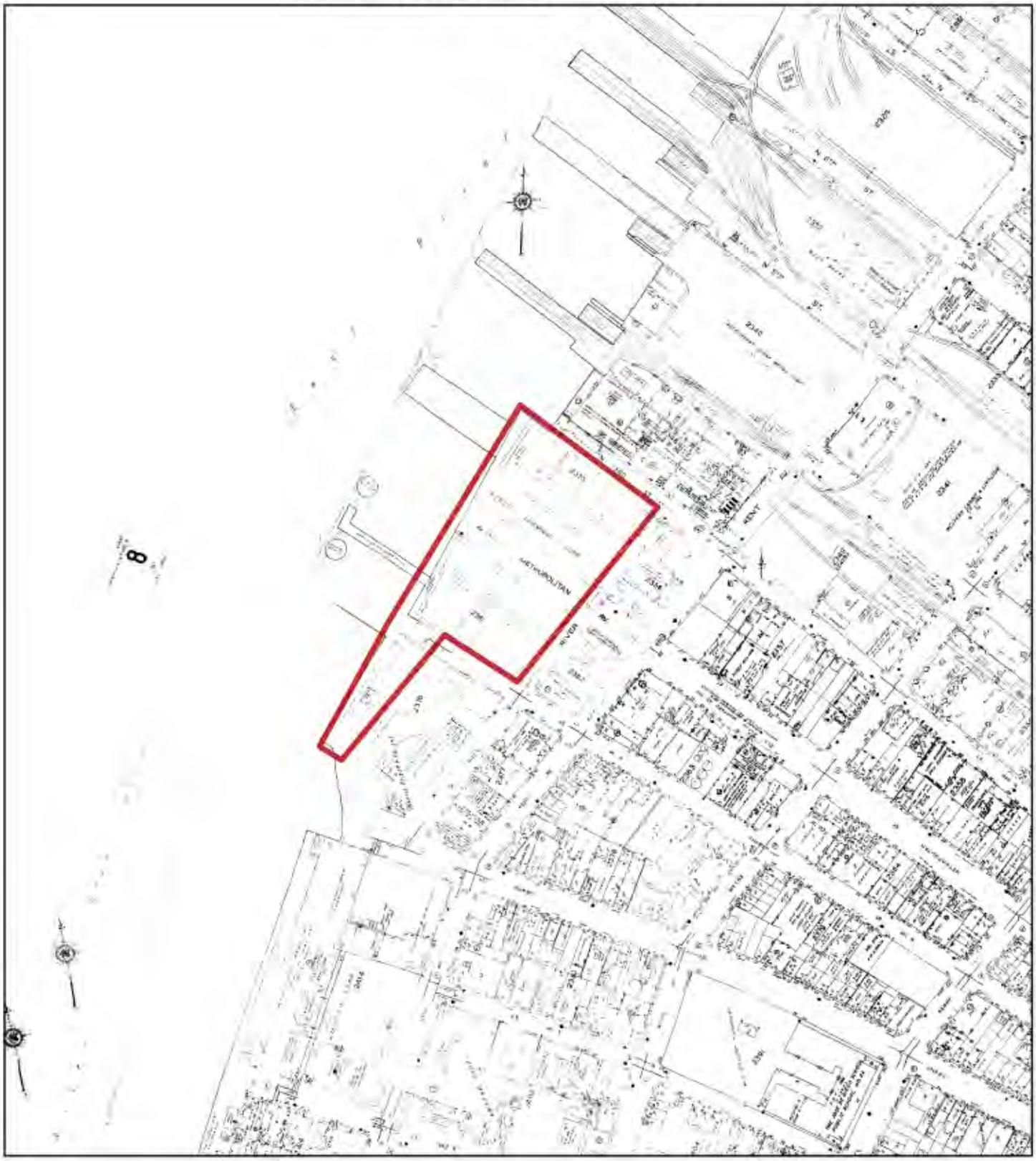
Order Number 20190822112



Map sheet(s):
Volume 4:1,11,12;

ERIS

Fire Insurance Map



1982

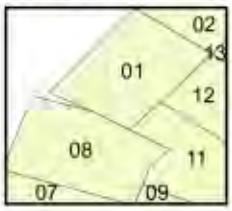
N

0 135 270 540 810 1,080

Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street,Brooklyn NY 11249

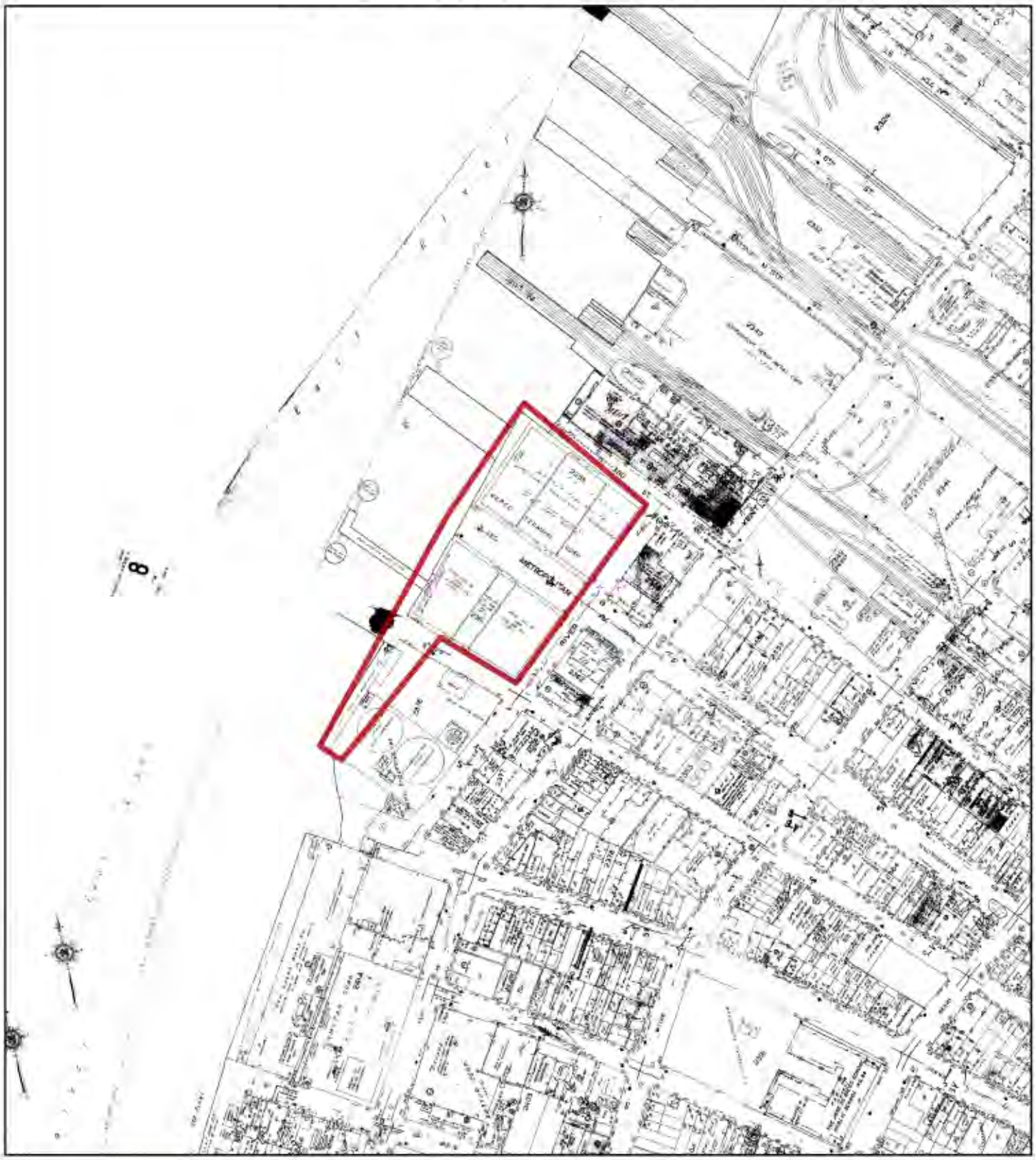
Order Number 20190822112



Map sheet(s):
Volume 3:8;
Volume 4:1,11,12;

ERIS

Fire Insurance Map



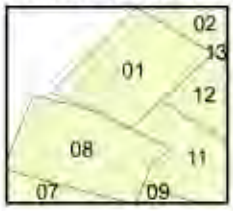
1981

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

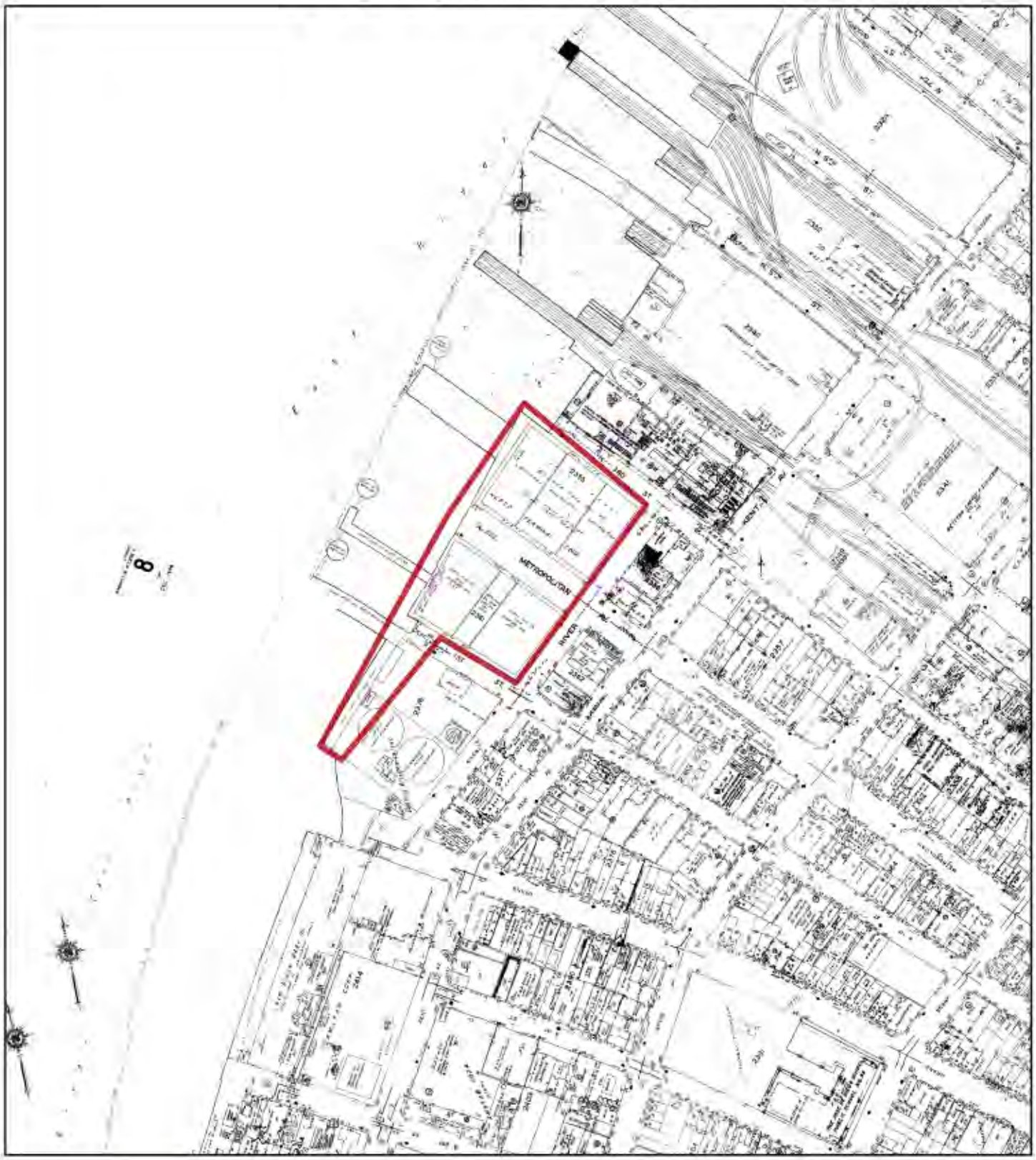
Order Number 20190822112



Map sheet(s):
Volume 3:8;
Volume 4:1,11,12;

ERIS

Fire Insurance Map



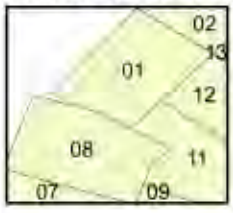
1980

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

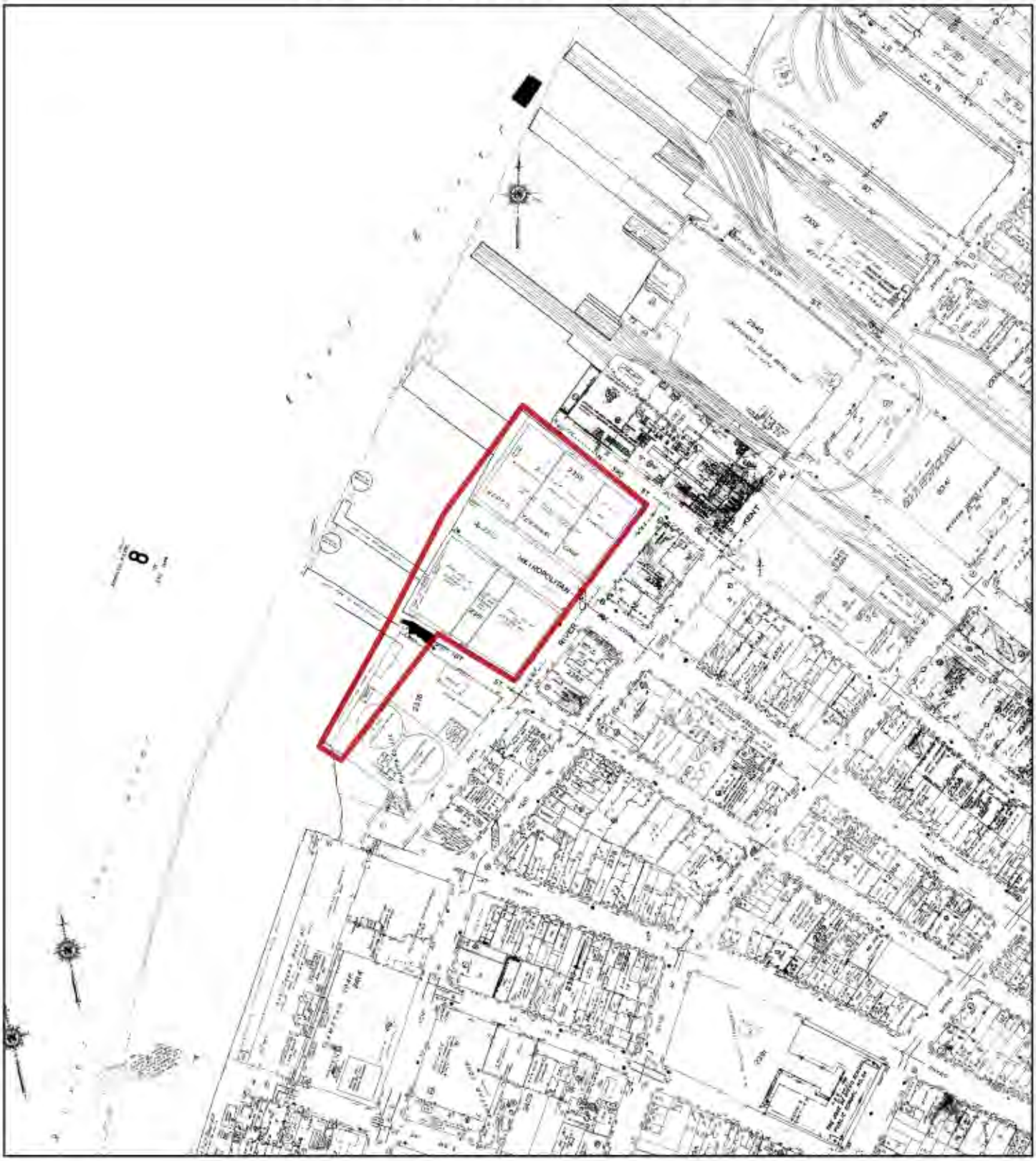
Order Number 20190822112



Map sheet(s):
Volume 3:8;
Volume 4:1,11,12;

ERIS

Fire Insurance Map



1979

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

Order Number 20190822112



Map sheet(s):
Volume 3:8;
Volume 4:1,11,12;

ERIS

Fire Insurance Map



1965

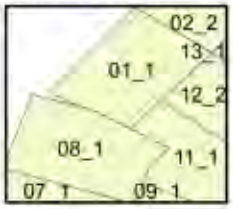
N

0 135 270 540 810 1,080

Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

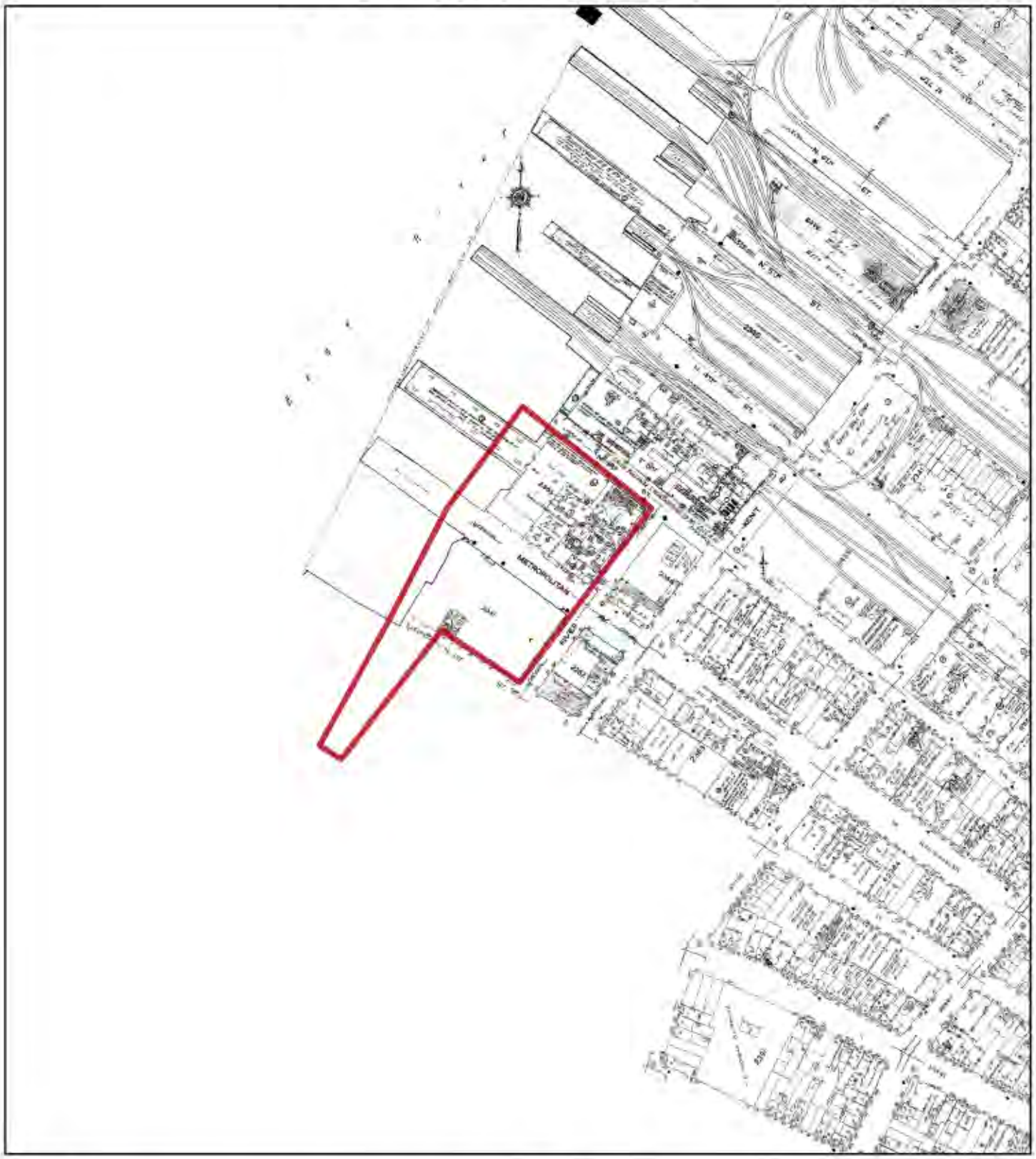
Order Number 20190822112



Map sheet(s):
Volume 3:8;
Volume 4:1,11,12;

ERIS

Fire Insurance Map



1951

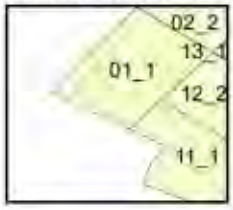
N

0 135 270 540 810 1,080

Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

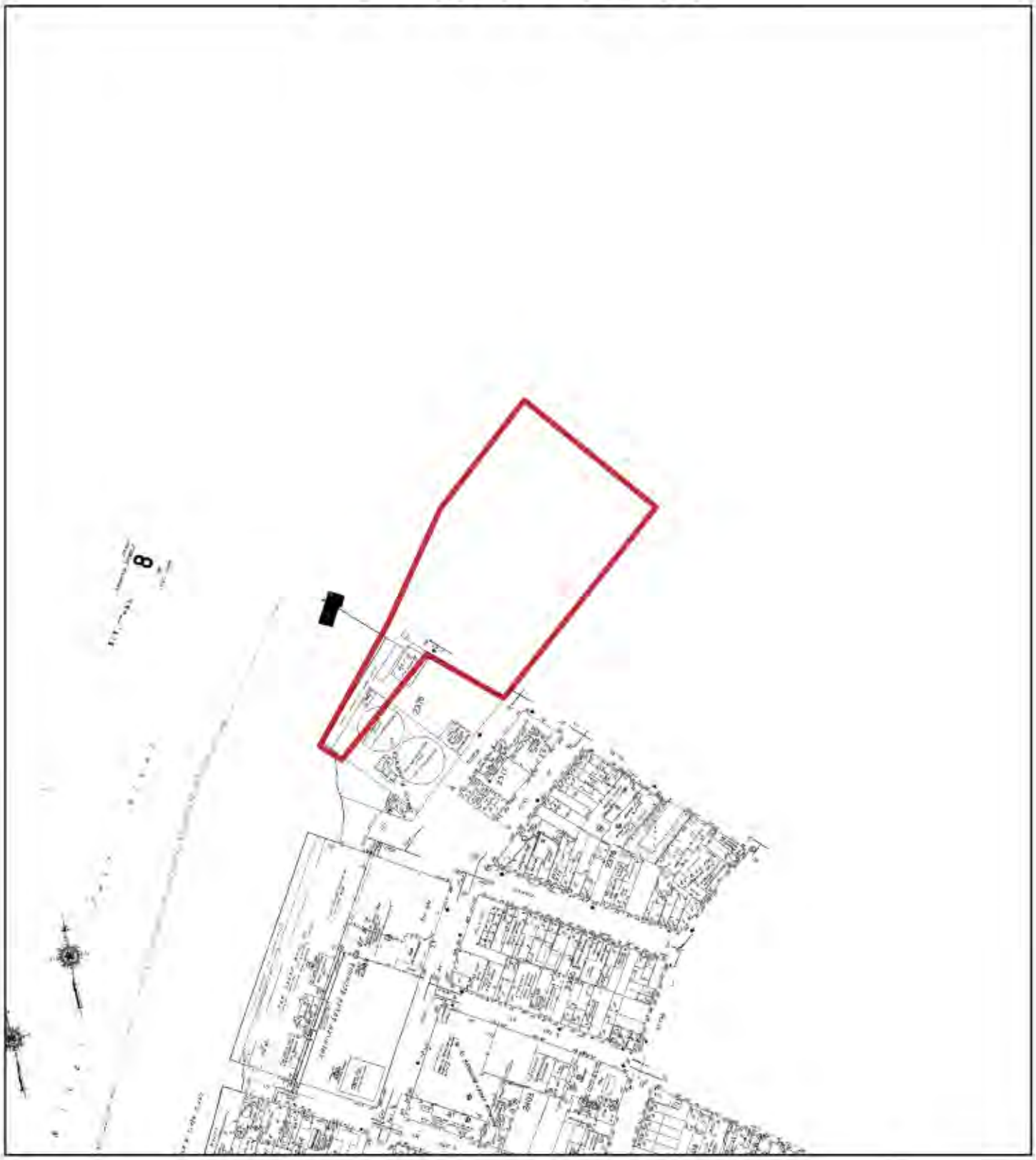
Order Number 20190822112



Map sheet(s):
Volume 4:1,11,12;

ERIS

Fire Insurance Map



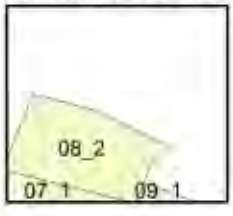
1950

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

Order Number 20190822112



Map sheet(s):
Volume 3:8;

ERIS

Fire Insurance Map



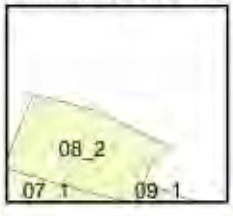
1947

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

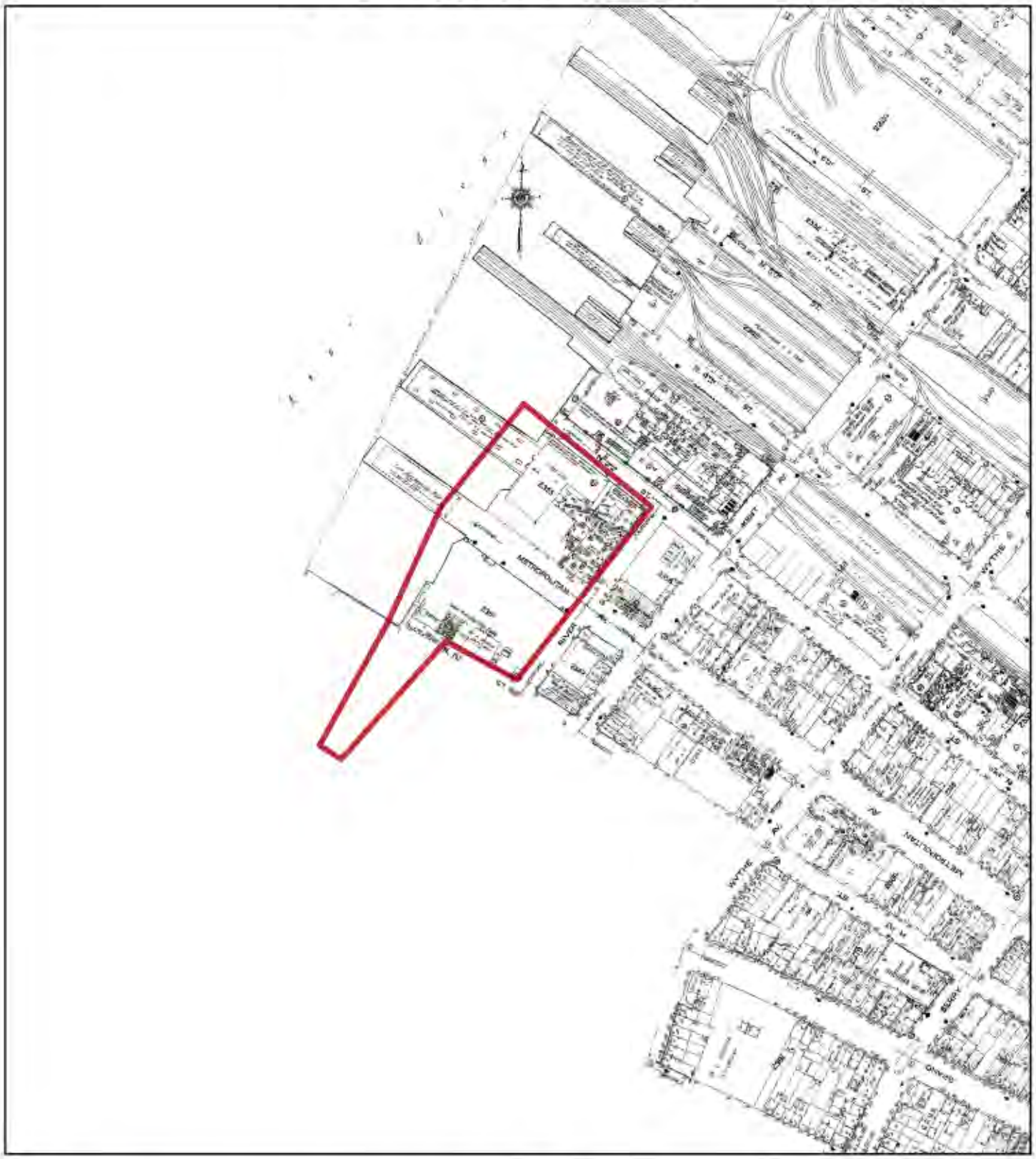
Order Number 20190822112



Map sheet(s):
Volume 3:8;

ERIS

Fire Insurance Map



1942

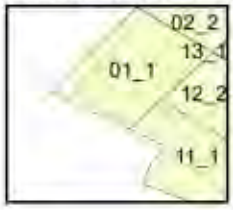
N

0 135 270 540 810 1,080

Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

Order Number 20190822112



Map sheet(s):
Volume 4:1,11,12;

ERIS

Fire Insurance Map



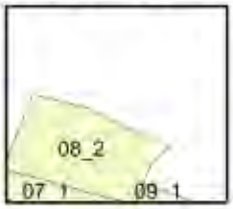
1935

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

Order Number 20190822112



Map sheet(s):
Volume 3:8;

ERIS

Fire Insurance Map



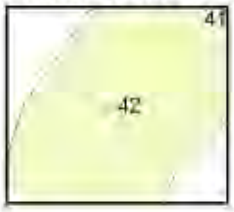
1928

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street,Brooklyn NY 11249

Order Number 20190822112



Map sheet(s):
Volume Special Atlases:42;

ERIS

Fire Insurance Map



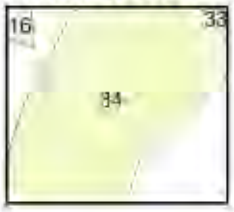
1922

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street,Brooklyn NY 11249

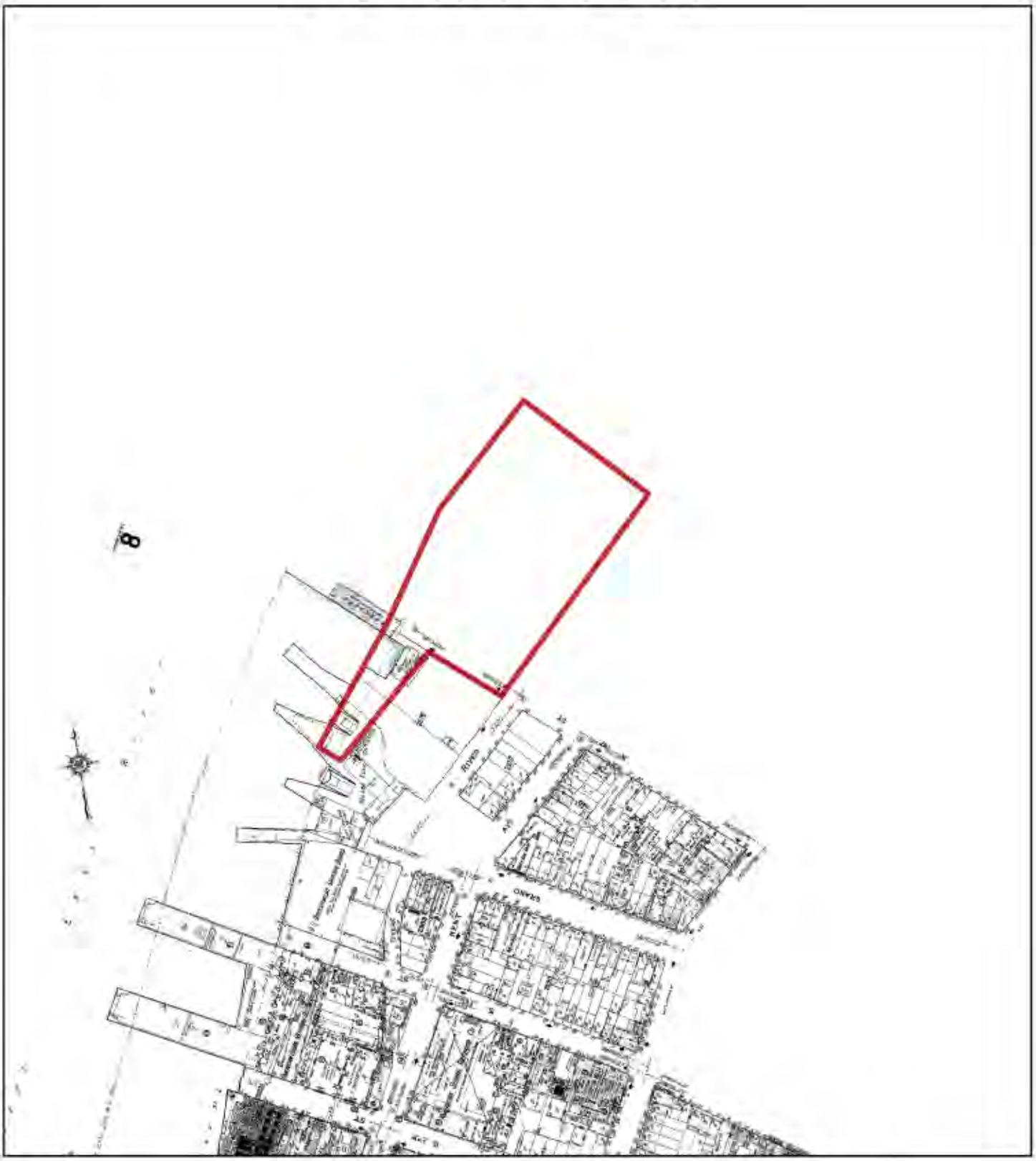
Order Number 20190822112



Map sheet(s):
Volume Special Atlases:34;

ERIS

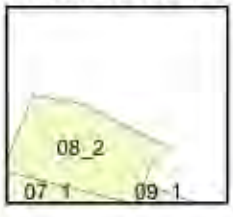
Fire Insurance Map



1918

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street,Brooklyn NY 11249

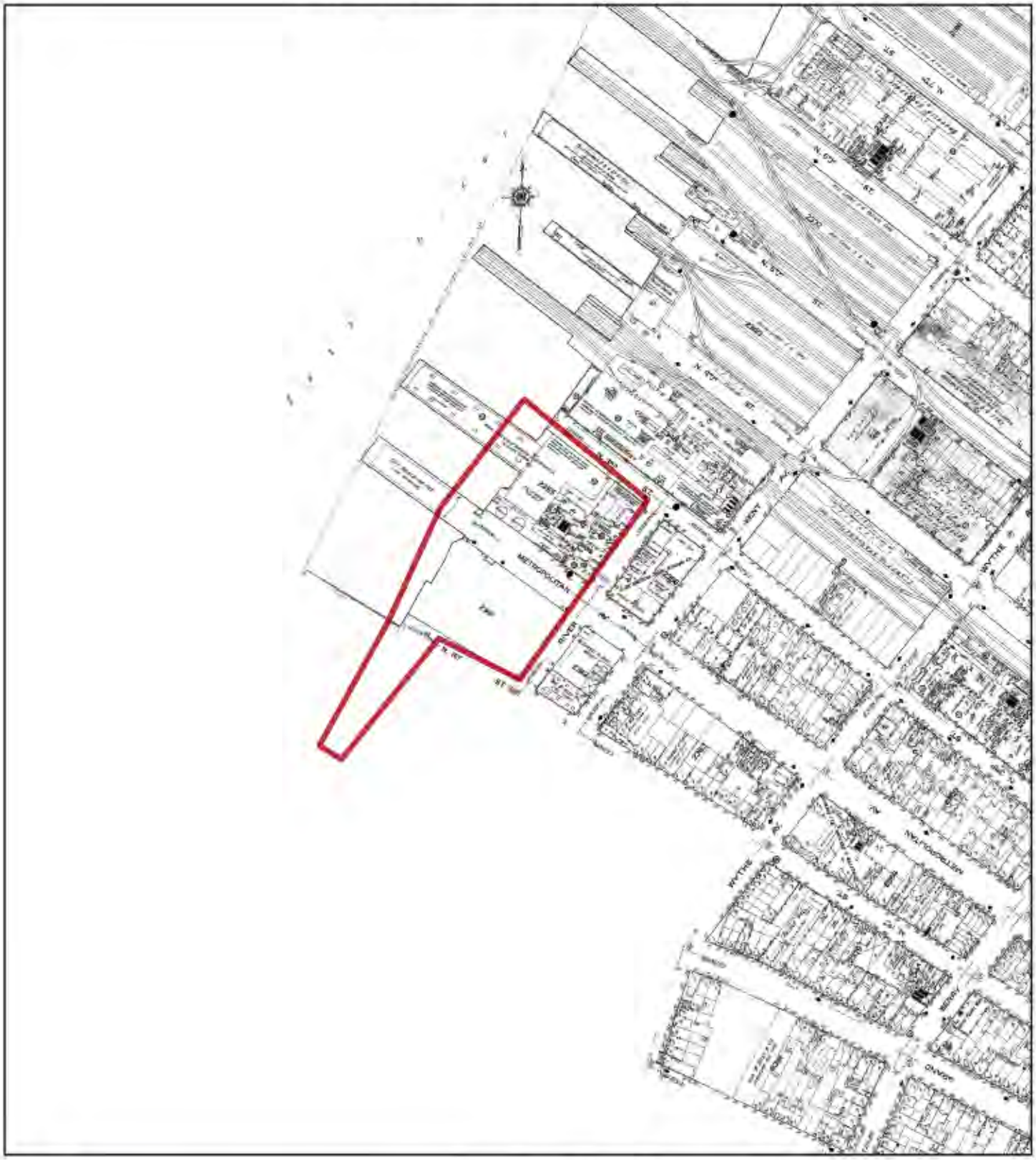
Order Number 20190822112



Map sheet(s):
Volume 3:8;

ERIS

Fire Insurance Map



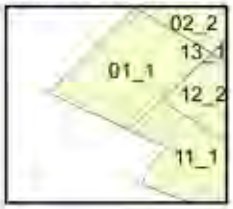
1916

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

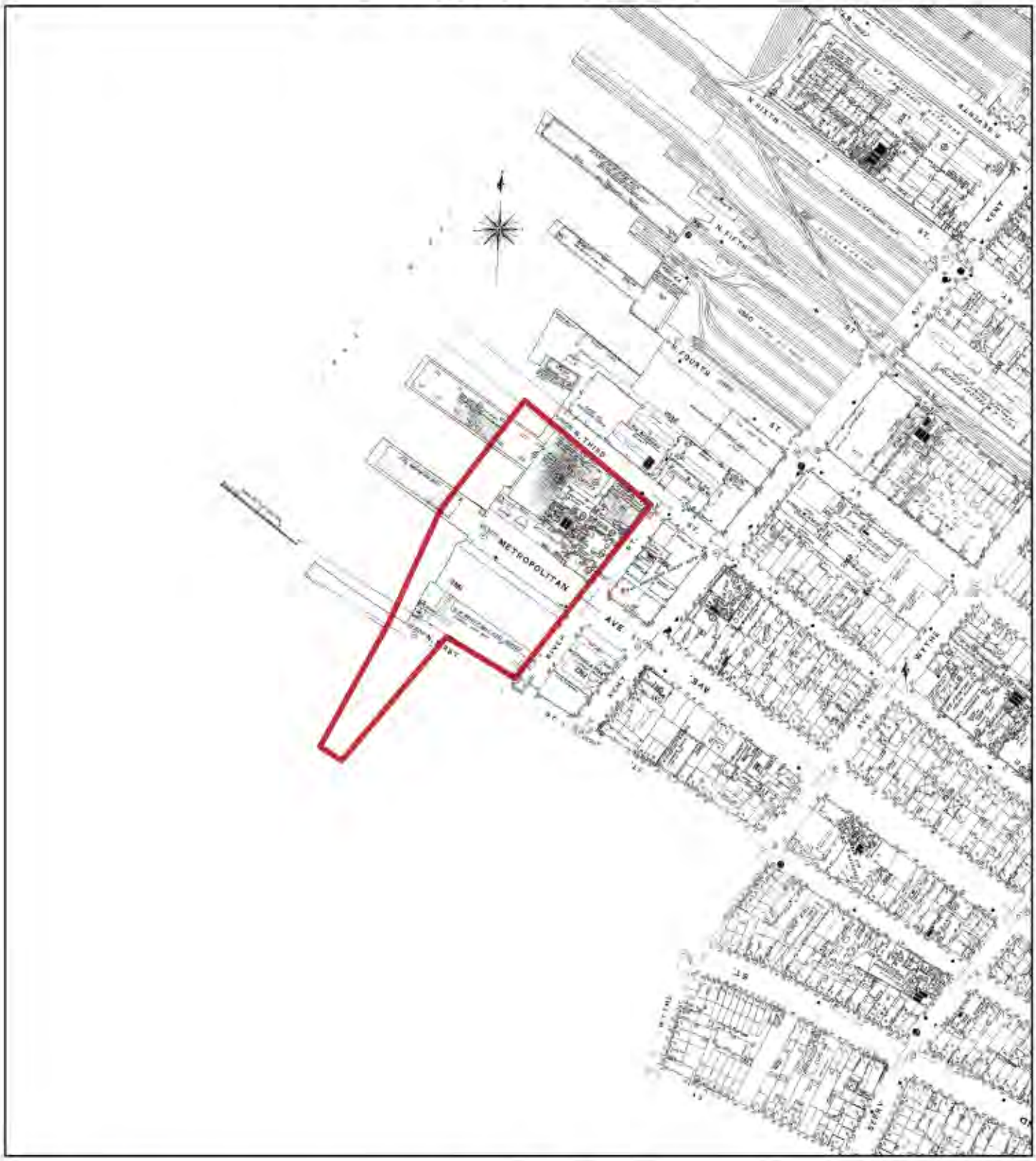
Order Number 20190822112



Map sheet(s):
Volume 4:1,11,12;

ERIS

Fire Insurance Map



1905

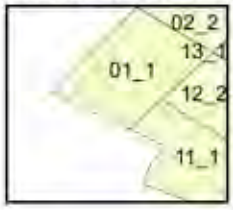
N

0 135 270 540 810 1,080

Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

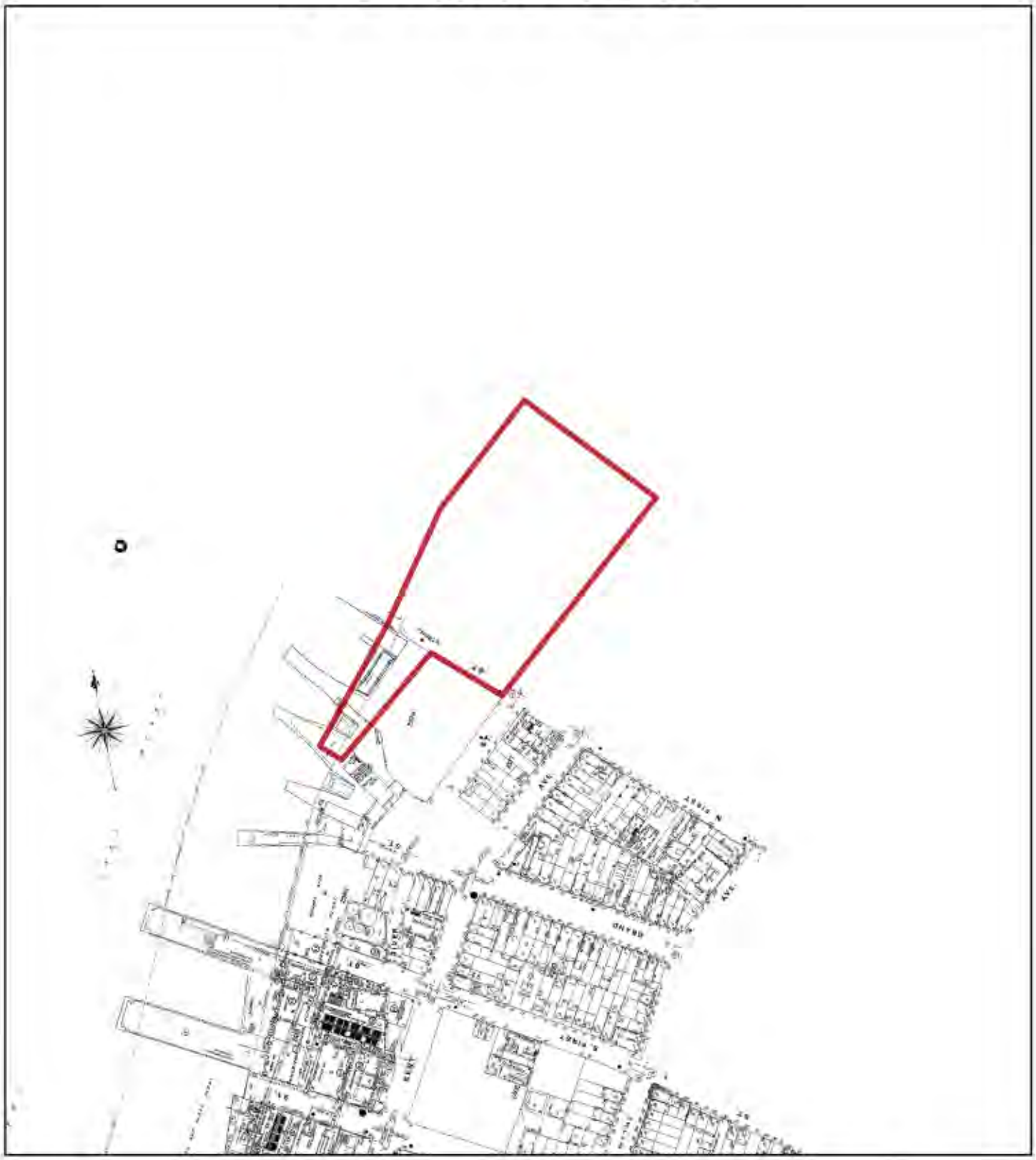
Order Number 20190822112



Map sheet(s):
Volume 4:1,11,12;

ERIS

Fire Insurance Map



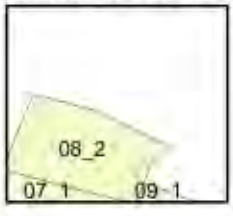
1904

0 135 270 540 810 1,080

N Feet

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.Brooklyn NY 11249

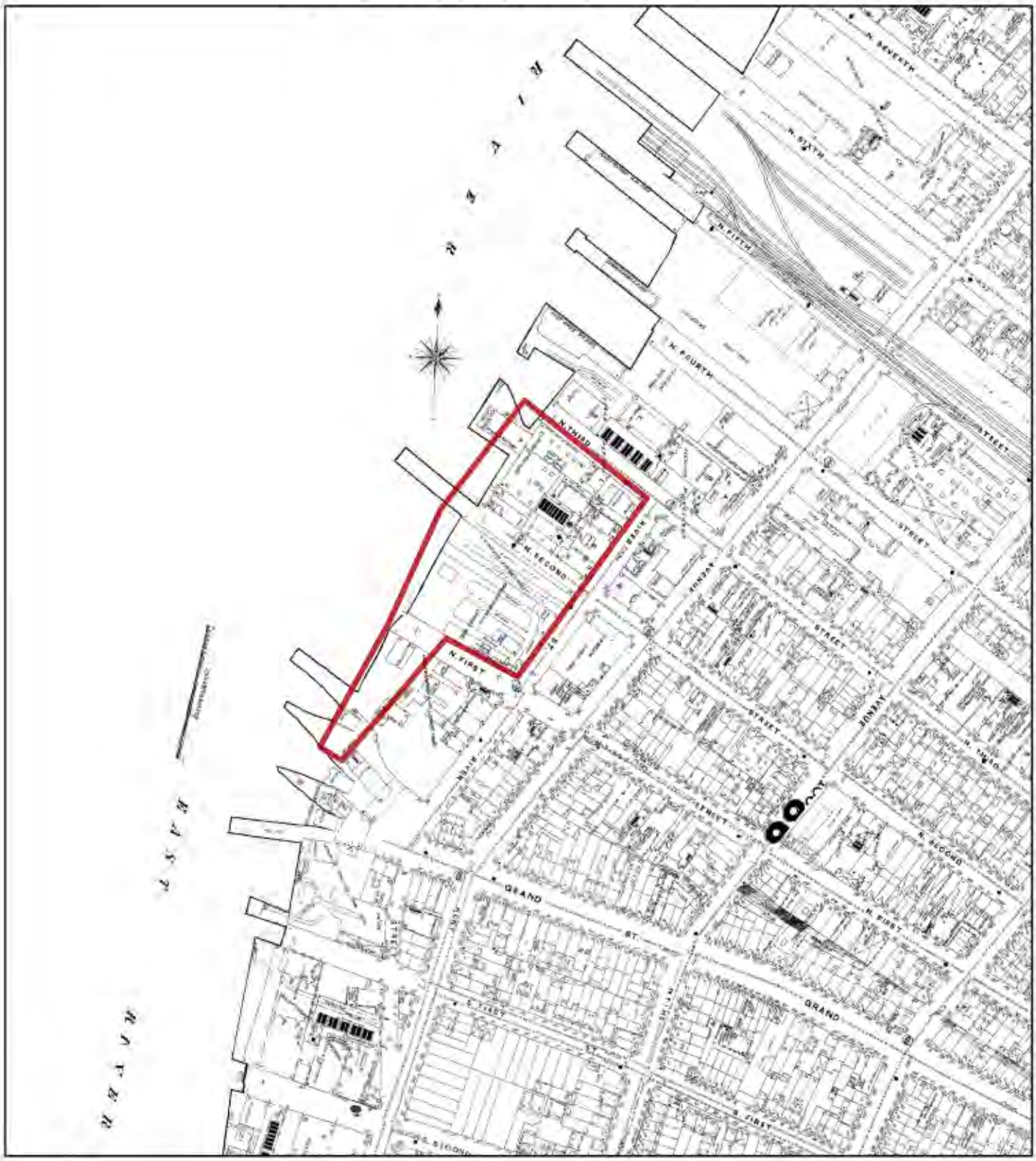
Order Number 20190822112



Map sheet(s):
Volume 3:8;

ERIS

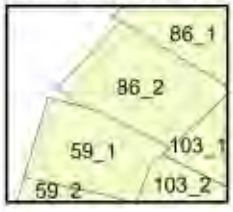
Fire Insurance Map



1887

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street,Brooklyn NY 11249

Order Number 20190822112



Map sheet(s):
Volume 3:59;
Volume 4:103,86;

ERIS

APPENDIX B-4: City Directory Information - Notes

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property:	*Two Trees Management Company* *87 River Street,105 River Street and an unaddressed parcel on West 1st Street.* *Brooklyn, NY 11249*
Project No:	*R19-5753*
Requested By:	*Nova Group, GBC*
Order No:	*20190822112*
Date Completed:	*August 28, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

August 28, 2019
RE: CITY DIRECTORY RESEARCH
Two Trees Management Company
87 River Street,105 River Street and an unaddressed parcel on West 1st Street. Brooklyn, NY

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:

50-112 of River Street
1-38 of North 1st Street
1-50 of Metropolitan Ave
1-32 of North 3rd Street

Search Results Summary

Date	Source	Comment
2018	DIGITAL BUSINESS DIRECTORY	
2014	DIGITAL BUSINESS DIRECTORY	
2009	DIGITAL BUSINESS DIRECTORY	
2006	COLE	
2005	COLE	
2000	COLE	
19978	COLE	
1997	COLE	
1990	STREET ADDRESS DIRECTORY	
1985	STREET ADDRESS DIRECTORY	
1979	STREET ADDRESS DIRECTORY	
1973	STREET ADDRESS DIRECTORY	
1970	STREET ADDRESS DIRECTORY	
1965	STREET ADDRESS DIRECTORY	
1959	STREET ADDRESS DIRECTORY	
1955	STREET ADDRESS DIRECTORY	
1952	STREET ADDRESS DIRECTORY	
1945	STREET ADDRESS DIRECTORY	
1939	STREET ADDRESS DIRECTORY	
1937	STREET ADDRESS DIRECTORY	

48 **STORAGE POST**...*Storage-household & Com*

NO LISTING FOUND FOR THIS YEAR...

2018
SOURCE: DIGITAL BUSINESS DIRECTORY

NORTH 3RD STREET

NO LISTING FOUND FOR THIS YEAR...

2018
SOURCE: DIGITAL BUSINESS DIRECTORY

RIVER STREET

NO LISTING FOUND FOR THIS YEAR...

2014
SOURCE: DIGITAL BUSINESS DIRECTORY

METROPOLITAN AVE

NO LISTING FOUND FOR THIS YEAR...

2014
SOURCE: DIGITAL BUSINESS DIRECTORY

NORTH 1ST STREET

NO LISTING FOUND FOR THIS YEAR...

2014
SOURCE: DIGITAL BUSINESS DIRECTORY

NORTH 3RD STREET

NO LISTING FOUND FOR THIS YEAR...

2014
SOURCE: DIGITAL BUSINESS DIRECTORY

RIVER STREET

NO LISTING FOUND FOR THIS YEAR...

2009
SOURCE: DIGITAL BUSINESS DIRECTORY

METROPOLITAN AVE

NO LISTING FOUND FOR THIS YEAR...

2009
SOURCE: DIGITAL BUSINESS DIRECTORY

NORTH 1ST STREET

NO LISTING FOUND FOR THIS YEAR...

2009
SOURCE: DIGITAL BUSINESS DIRECTORY

NORTH 3RD STREET

28 **ALLIED DRUM & BARREL CORP**...*Barrels &*
28 **CHECK CASHING**...*Check Cashing Service<*

2009
SOURCE: DIGITAL BUSINESS DIRECTORY

RIVER STREET

NO LISTING FOUND FOR THIS YEAR...

METROPOLITAN AVE

CT	455.00	53 - 1605	$B
CT	513.00	61 - 574	$C
CT	555.00	86 - 147	$E
CT	553.00	162 - 249	$C
CT	519.00	268 - 441	$C
CT	501.00 O	423 - 685	$C
CT	503.00 E	590 - 686	$E
CT	497.00	690 - 817	$B
CT	477.00 O	809 - 821	$C
CT	481.00	810 - 1006	$C

53 - 1120 11211

-KENT AVE INTS

53 ♣ Patsy Scarpitta . . . . . + 718 366 4917
♣ Theresa Scarpitta . . . . . + 718 366 4917
55 ♣ Norman P Leung . . . . . 01 NP
61
2E Christopher B Ward . . . . . + NP
★♣ 61 Met Llc . . . . . 03 . .
66 ★♣ Allstate Insurance 04 718.381.1400
67
Lwd Barnet 02 718 599 7339
FL2 ★Caliper Architecture Pc. . . + 718.599.7339
★Chamarelle Creations Ltd . 94 . .
Helen H Cho 96 718 387 0897

N 1ST ST

CT	555.00	48 - 107	$E
CT	553.00	119 - 172	$C

48 - 172 11211

-KENT AVE INTS

48
3C Joshua A Altman . . . . . + NP
★♣ Antidotefx 03 718.388.9319
♣ Sarah Buck . . . . . 03 NP
Robert Greene 03 718.599.9436
2B Aaron Mapp . . . . . 03 NP
♣ Andrew Mastrocinque 02 718.388.9319
♣ Kevin Reed 04 718.387.2392
3A Maggie Suisman . . . . . + NP
♣ Joshua T Sutcliffe . . . . . 03 NP
♣ David Joseph Witt . . . . . 02 NP
49 J Ehrman 02 718 302 3637
David Reeves 02 718 302 3637
60 ★Honig Food Corp. 02 718.302.5955
★Muffins N More . . . . . 03 . .
★Reich Grocery. . . . . 92⊙ . .
66 ★N Y Iron Inc. 99 718.302.9000
★Newco Iron Works Ltd . . . 04 718.782.4844
68 ★Metrofab Inc. . . . . + 718.499.3430
★Newco Iron Works Ltd . . . 95 718.782.4844
77 ★Grace Distribution 94 718.782.8383
83 Peter F Jensen . . . . . + NP
85 Gregory Colebourn 97 718.384.7126
S Irvine 97 718.384.7126
88

2006
SOURCE: COLE

NORTH 3RD STREET



● N 3RD ST

CT 577.00 E 28 - 28 $A
CT 555.00 50 - 113 $E
CT 553.00 124 - 173 $C

28 - 173 11211

-KENT AVE INTS

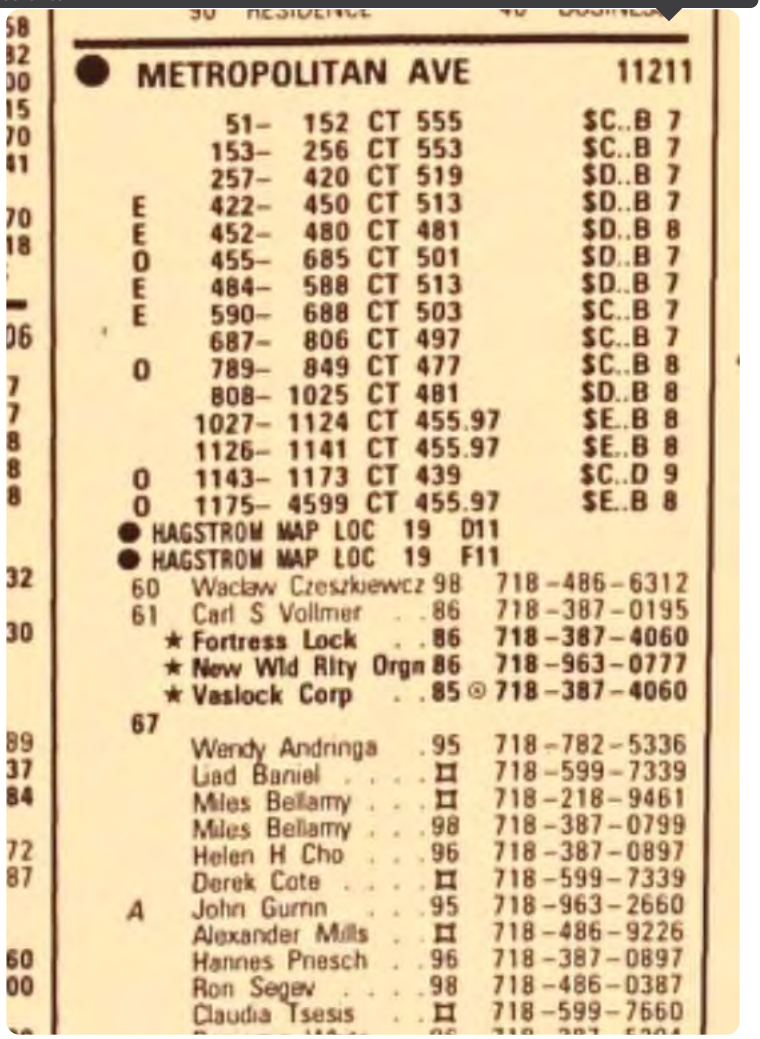
28 ★ Adelphia Container..... 97 . .
★ Check Cashing..... 90 718.302.0410
50 ★ New Onn Kee Inc ..... 98 . .
★ W K O Inc ..... 04⊙ . .
56 ★ Eagle Seafood..... 91 718.963.0939
58 ★ ♣ Monkey Town..... + 718.384.1369
60 Constance M Koster ..... 77 ● 718 387 2693
Jesus Lopez ..... 77 ● 718 963 0128

tem in any manner whatsoever

2005
SOURCE: COLE

RIVER STREET

STREET NOT LISTED

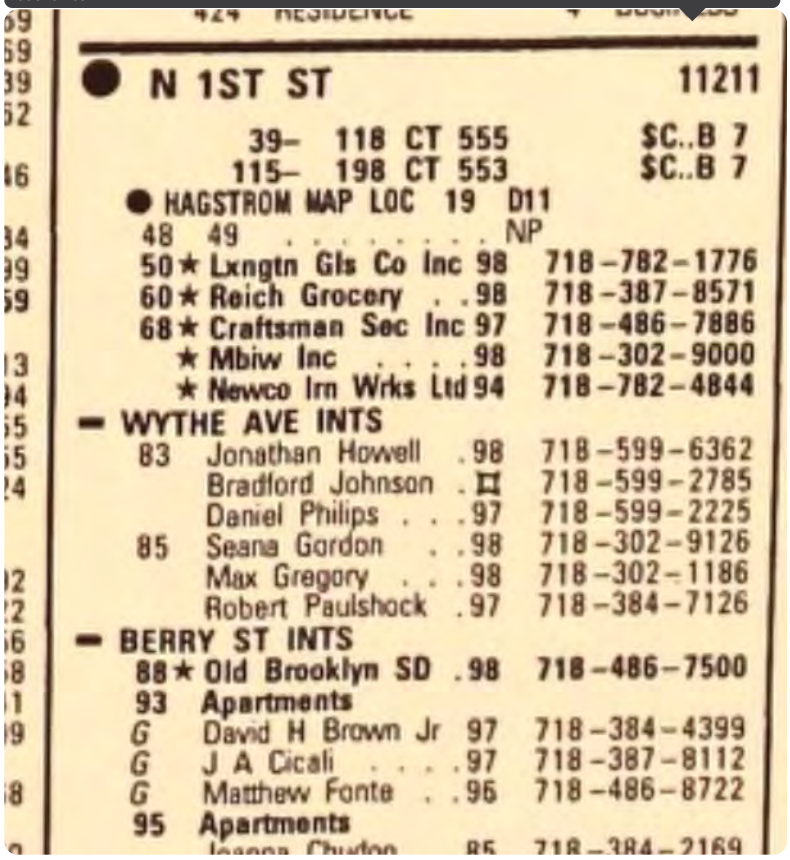


● METROPOLITAN AVE 11211

	51– 152	CT	555		$C..B 7
	153– 256	CT	553		$C..B 7
	257– 420	CT	519		$D..B 7
E	422– 450	CT	513		$D..B 7
E	452– 480	CT	481		$D..B 8
O	455– 685	CT	501		$D..B 7
E	484– 588	CT	513		$D..B 7
E	590– 688	CT	503		$C..B 7
	687– 806	CT	497		$C..B 7
O	789– 849	CT	477		$C..B 8
	808– 1025	CT	481		$D..B 8
	1027– 1124	CT	455.97		$E..B 8
	1126– 1141	CT	455.97		$E..B 8
O	1143– 1173	CT	439		$C..D 9
O	1175– 4599	CT	455.97		$E..B 8

● HAGSTROM MAP LOC 19 D11
● HAGSTROM MAP LOC 19 F11

60	Waclaw Czeszkiewcz	98	718-486-6312
61	Carl S Vollmer	86	718-387-0195
	★ Fortress Lock	86	718-387-4060
	★ New Wld Rlty Orgn	86	718-963-0777
	★ Veslock Corp	85 ◎	718-387-4060
67			
	Wendy Andringa	95	718-782-5336
	Liad Baniel	⌑	718-599-7339
	Miles Bellamy	⌑	718-218-9461
	Miles Bellamy	98	718-387-0799
	Helen H Cho	96	718-387-0897
	Derek Cote	⌑	718-599-7339
A	John Gurnn	95	718-963-2660
	Alexander Mills	⌑	718-486-9226
	Hannes Pnesch	96	718-387-0897
	Ron Segev	98	718-486-0387
	Claudia Tsesis	⌑	718-599-7660



● N 1ST ST 11211

	39– 118	CT	555		$C..B 7
	115– 198	CT	553		$C..B 7

● HAGSTROM MAP LOC 19 D11

48	49	NP	
50	★ Lxngtn Gls Co Inc	98	718-782-1776
60	★ Reich Grocery	98	718-387-8571
68	★ Craftsman Sec Inc	97	718-486-7886
	★ Mbiw Inc	98	718-302-9000
	★ Newco Irn Wrks Ltd	94	718-782-4844

— WYTHE AVE INTS

83	Jonathan Howell	98	718-599-6362
	Bradford Johnson	⌑	718-599-2785
	Daniel Philips	97	718-599-2225
85	Seana Gordon	98	718-302-9126
	Max Gregory	98	718-302-1186
	Robert Paulshock	97	718-384-7126

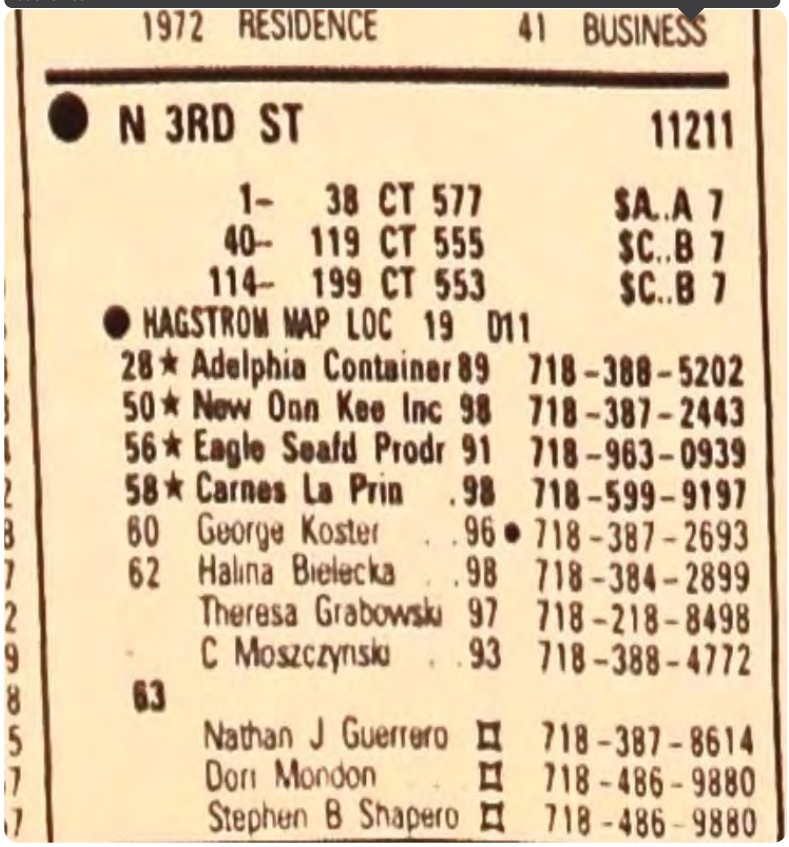
— BERRY ST INTS

88	★ Old Brooklyn SD	98	718-486-7500
93	Apartments		
G	David H Brown Jr	97	718-384-4399
G	J A Cicali	97	718-387-8112
G	Matthew Fonte	96	718-486-8722
95	Apartments		

Report ID: 20190822112 - 8/28/2019
www.erisinfo.com

2000
SOURCE: COLE

NORTH 3RD STREET



1972 RESIDENCE 41 BUSINESS

● N 3RD ST 11211

1- 38 CT 577 $A..A 7
40- 119 CT 555 $C..B 7
114- 199 CT 553 $C..B 7

● HAGSTROM MAP LOC 19 D11

28★ Adelphia Container 89 718-388-5202
50★ New Onn Kee Inc 98 718-387-2443
56★ Eagle Seafd Prodr 91 718-963-0939
58★ Carnes La Prin .98 718-599-9197
60 George Koster . .96 ● 718-387-2693
62 Halina Bielecka . .98 718-384-2899
Theresa Grabowski 97 718-218-8498
C Moszczynski . .93 718-388-4772
63
Nathan J Guerrero ⌑ 718-387-8614
Dori Mondon ⌑ 718-486-9880
Stephen B Shapero ⌑ 718-486-9880

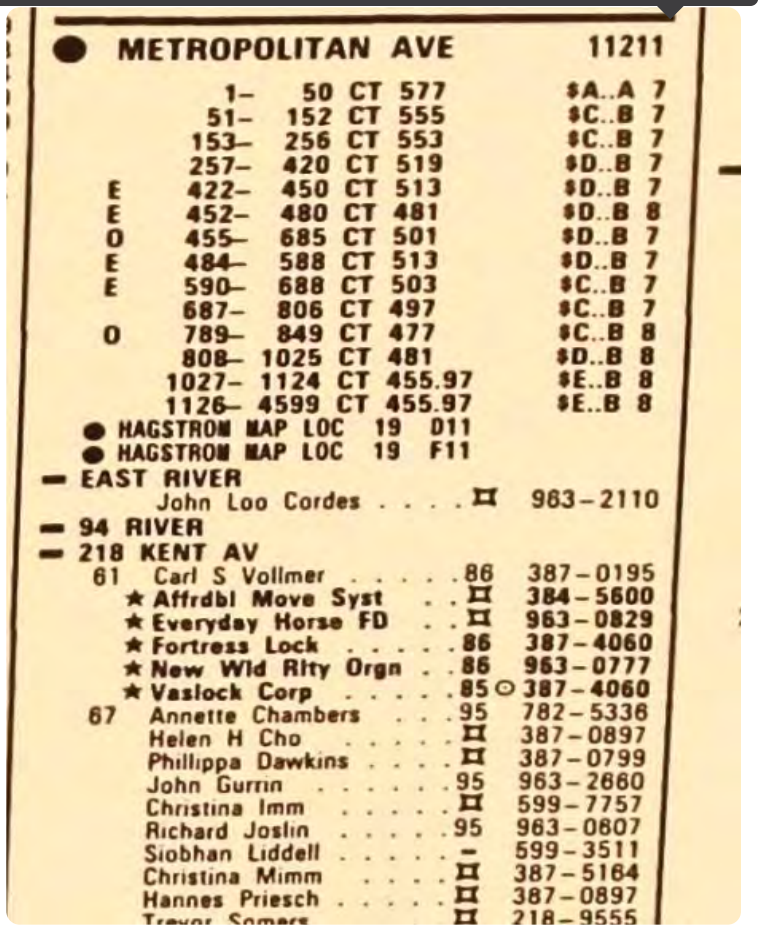
2000
SOURCE: COLE

RIVER STREET

STREET NOT LISTED

19978 RIVER STREET
SOURCE: COLE

1997 METROPOLITAN AVE
SOURCE: COLE



METROPOLITAN AVE 11211

	1– 50	CT 577		$A..A 7
	51– 152	CT 555		$C..B 7
	153– 256	CT 553		$C..B 7
	257– 420	CT 519		$D..B 7
E	422– 450	CT 513		$D..B 7
E	452– 480	CT 481		$D..B 8
O	455– 685	CT 501		$D..B 7
E	484– 588	CT 513		$D..B 7
E	590– 688	CT 503		$C..B 7
	687– 806	CT 497		$C..B 7
O	789– 849	CT 477		$C..B 8
	808– 1025	CT 481		$D..B 8
	1027– 1124	CT 455.97		$E..B 8
	1126– 4599	CT 455.97		$E..B 8

● HAGSTROM MAP LOC 19 D11
● HAGSTROM MAP LOC 19 F11

EAST RIVER

	John Loo Cordes	¤	963–2110

94 RIVER

218 KENT AV

61	Carl S Vollmer	86	387–0195
	★ Affrdbl Move Syst	¤	384–5600
	★ Everyday Horse FD	¤	963–0829
	★ Fortress Lock	86	387–4060
	★ New Wld Rlty Orgn	86	963–0777
	★ Vaslock Corp	85 ⊙	387–4060
67	Annette Chambers	95	782–5336
	Helen H Cho	¤	387–0897
	Phillippa Dawkins	¤	387–0799
	John Gurrin	95	963–2660
	Christina Imm	¤	599–7757
	Richard Joslin	95	963–0807
	Siobhan Liddell	-	599–3511
	Christina Mimm	¤	387–5164
	Hannes Priesch	¤	387–0897
	Trevor Somers	¤	218–9555

1997
SOURCE: COLE

NORTH 1ST STREET



N 1ST ST 11211

39– 118 CT 555 $C..B 7
115– 198 CT 553 $C..B 7

HAGSTROM MAP LOC 19 D11

– EAST RIVER
– 76 RIVER
– 223 KENT

48 NP
50 ★ Lxngtn Gls Co Inc . . – 782-1776
66 ★ Yuhan Stl Fab Corp . . 93 599-3243
68 ★ Newco Irn Wrks Ltd . 94 782-4844

– 253 WYTHE AV

80 ★ Leiman Daniel 93 387-0541
83 A Crandall 90 599-2785
86 ★ The Metal Men Inc . . 94 387-1055
★ Village Metl Works . . 94 ⊙ 387-1055
88 ★ Cabot Indstrs Crp . . . 95 599-9700
93 Apartments
G Matthew Fonte . . . . . ¤ 486-8722
Joanna Chudon 85 384-2169

1997
SOURCE: COLE

NORTH 3RD STREET



N 3RD ST 11211

1– 38 CT 577 $A..A 7
40– 119 CT 555 $C..B 7
114– 199 CT 553 $C..B 7

HAGSTROM MAP LOC 19 D11

– EAST RIVER
– 112 RIVER

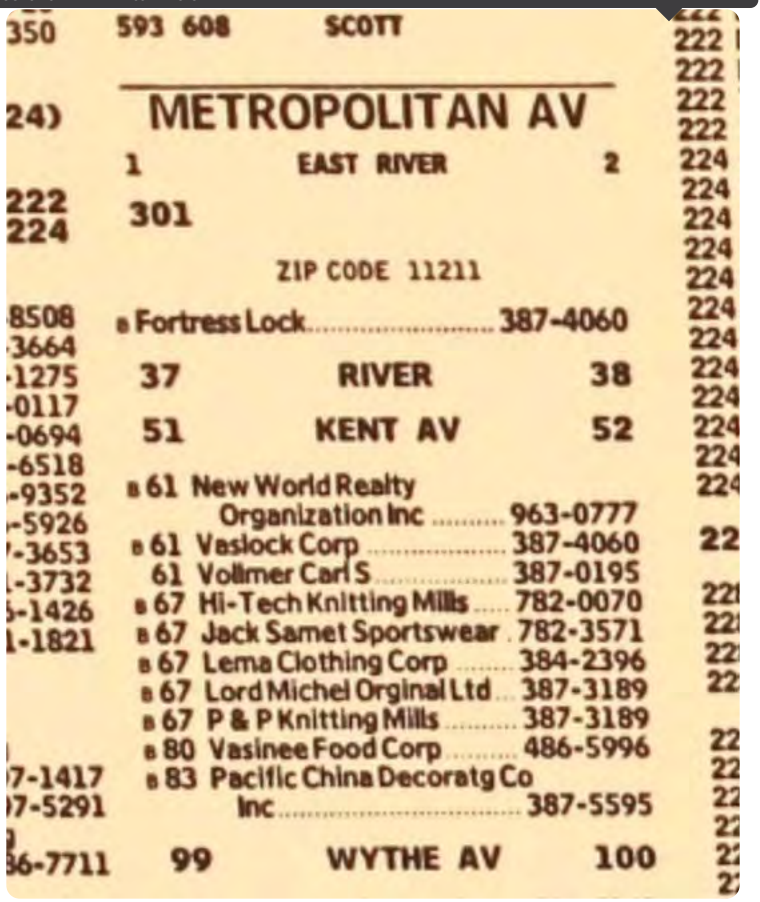
28 ★ Adelphia Cntnrcrp . . . 89 388-5202

– 187 KENT

50 ★ Artbrss Metl Prds . . . 74 388-1402
56 ★ Eagle Seafd Prodr . . . 91 963-0939
60 George Koster . . . . . ¤ 387-2693
62 B Cwalinska 93 963-4092
C Moszczynski 93 388-4772
64 NP
68 ★ Ethan Herschenfeld . . ¤ 388-8765

– 221 WYTHE AV

80 Joseph Dinapoli 92 387-8296
★ Turn Key Mechl 95 599-5635
84 ★ Ideal Waste Mtrls . . . 94 388-4603
85 Augusta Baker . . . . . ¤ 486-8644
Roger Barr . . . . . – 782-1565
Roger Barr . . . . . ¤ 782-2942



593 608 SCOTT

METROPOLITAN AV

1 EAST RIVER 2

301

ZIP CODE 11211

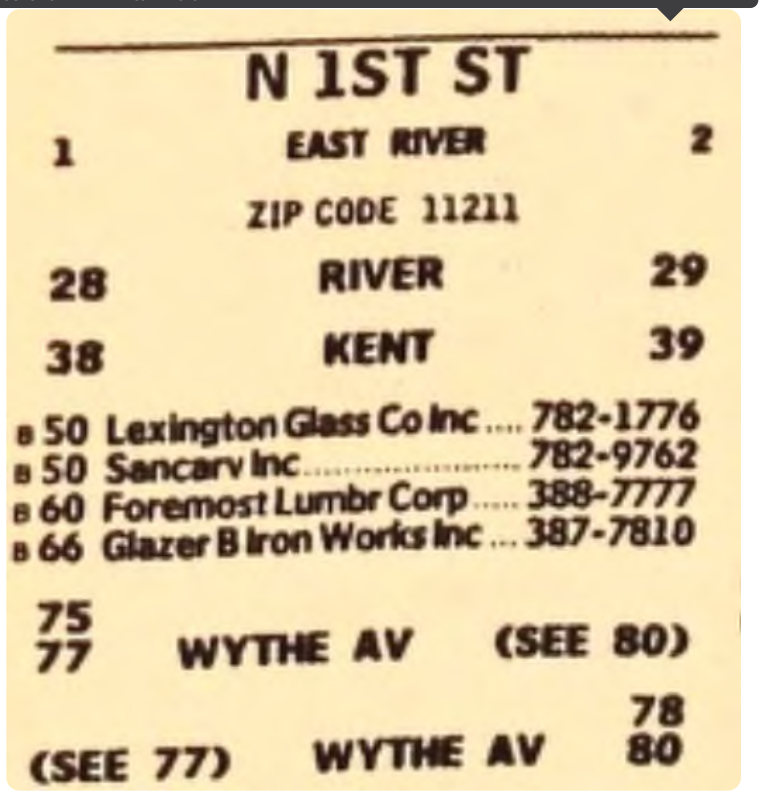
B Fortress Lock 387-4060

37 RIVER 38

51 KENT AV 52

B 61 New World Realty Organization Inc 963-0777
B 61 Vaslock Corp 387-4060
61 Vollmer Carl S 387-0195
B 67 Hi-Tech Knitting Mills 782-0070
B 67 Jack Samet Sportswear 782-3571
B 67 Lema Clothing Corp 384-2396
B 67 Lord Michel Orginal Ltd 387-3189
B 67 P & P Knitting Mills 387-3189
B 80 Vasinee Food Corp 486-5996
B 83 Pacific China Decoratg Co Inc 387-5595

99 WYTHE AV 100



N 1ST ST

1 EAST RIVER 2

ZIP CODE 11211

28 RIVER 29

38 KENT 39

B 50 Lexington Glass Co Inc 782-1776
B 50 Sancarv Inc 782-9762
B 60 Foremost Lumbr Corp 388-7777
B 66 Glazer B Iron Works Inc ... 387-7810

75
77 WYTHE AV (SEE 80)

78
(SEE 77) WYTHE AV 80

N 3RD ST

1 EAST RIVER 2

ZIP CODE 11211

28 RIVER

B 28 Adelphia Container Corp 388-5202

38
40 KENT (SEE 43)

41

(SEE 40) KENT 43

B 50 Artbrass Metal Prods Co Inc 388-1402
60 Koster Allen 388-3082

RIVER ST

50 GRAND 59

ZIP CODE 11211

74
76 N 1ST (SEE 87)

(SEE 76) N 1ST 87

92
94 (SEE 105)

METROPOLITAN AV

103
(SEE 94) 105

1990 RIVER STREET - B

SOURCE: STREET ADDRESS DIRECTORY



RIVER ST

ZIP CODE 11211

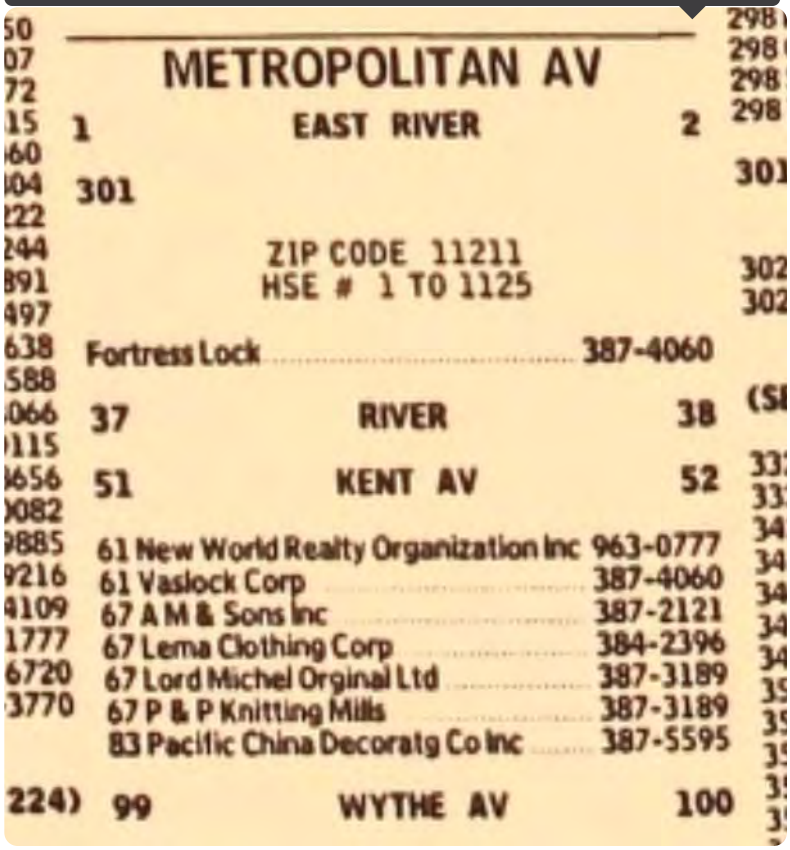
AREA CODE 718

METROPOLITAN AV

112-123 NORTH 3RD

1985 METROPOLITAN AVE

SOURCE: STREET ADDRESS DIRECTORY



METROPOLITAN AV

1 EAST RIVER 2

301

ZIP CODE 11211
HSE # 1 TO 1125

Fortress Lock 387-4060

37 RIVER 38

51 KENT AV 52

61 New World Realty Organization Inc 963-0777
61 Vaslock Corp 387-4060
67 A M & Sons Inc 387-2121
67 Lema Clothing Corp 384-2396
67 Lord Michel Orginal Ltd 387-3189
67 P & P Knitting Mills 387-3189
83 Pacific China Decoratg Co Inc 387-5595

99 WYTHE AV 100

1985
SOURCE: STREET ADDRESS DIRECTORY

NORTH 1ST STREET

N 1ST ST

1	EAST RIVER	2
	ZIP CODE 11211	
28	RIVER	29
38	KENT	39

50 Lexington Glass Co Inc 782-1776
60 Foremost Lumbr Corp 388-7777
66 Glazer B Iron Works Inc 387-7810

75		
77	WYTHE AV	(SEE 80)
		78
(SEE 77)	WYTHE AV	80

86 Absorption & Centrifugal Service Corp 387-0595
88 Atlanta Engrvng Co 387-1416
95 Chudon Joanna 384-2169
95 Junowicz M 388-4434
95 Kupczewski Alex 782-7854
95 Mocarski Waclaw 963-1689

1985
SOURCE: STREET ADDRESS DIRECTORY

NORTH 3RD STREET

N 3RD ST

1	EAST RIVER	2
	ZIP CODE 11211	
28	RIVER	

28 Vesco Steel Supl Inc 388-1500

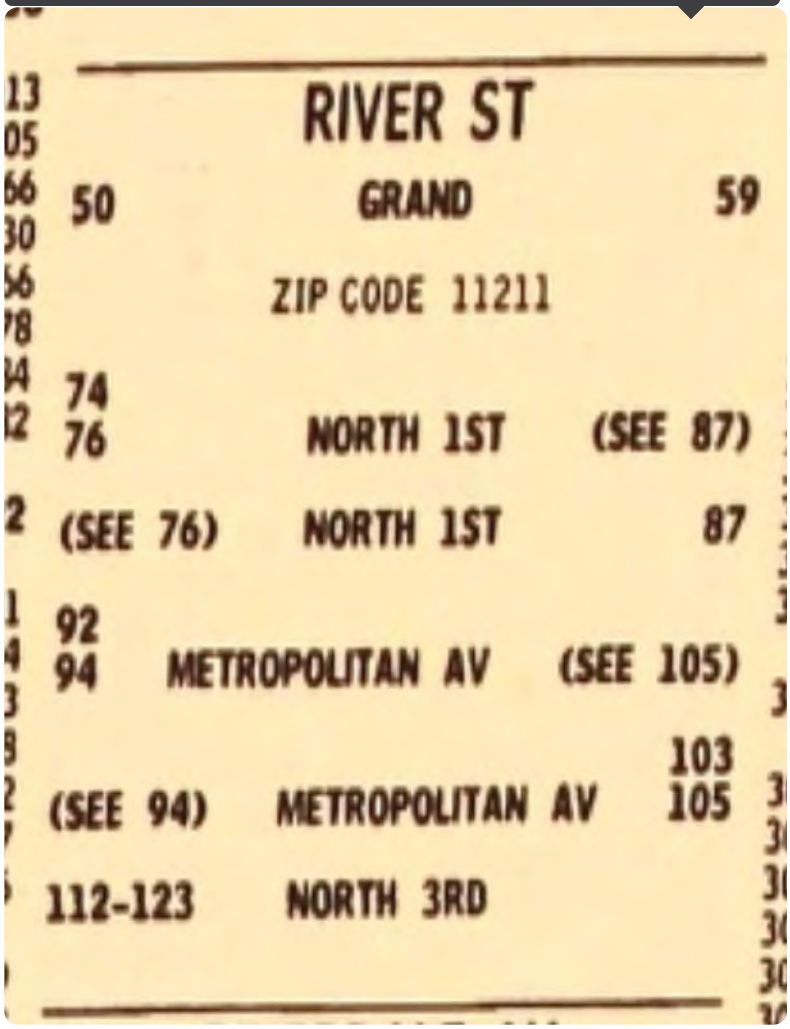
38		
40	KENT	(SEE 43)
		41
(SEE 40)	KENT	43

50 Artbrass Metal Prods Co Inc 388-1402
62 Serafin Antoni 384-6635

72		
74	WYTHE AV	(SEE 83)
		81
(SEE 74)	WYTHE AV	83

1985
SOURCE: STREET ADDRESS DIRECTORY

RIVER STREET



RIVER ST

50 GRAND 59

ZIP CODE 11211

74
76 NORTH 1ST (SEE 87)

(SEE 76) NORTH 1ST 87

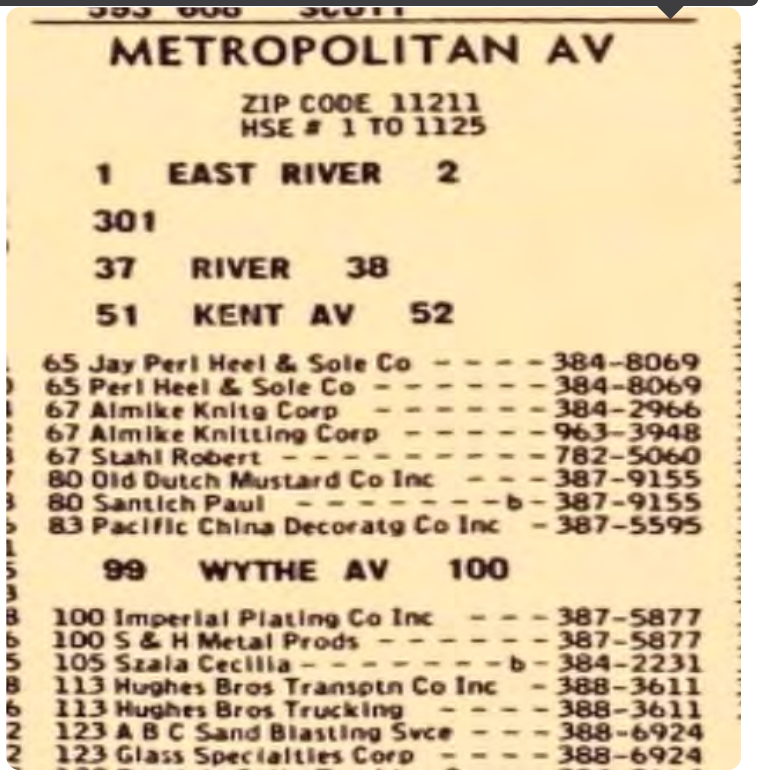
92
94 METROPOLITAN AV (SEE 105)

103
(SEE 94) METROPOLITAN AV 105

112-123 NORTH 3RD

1979
SOURCE: STREET ADDRESS DIRECTORY

METROPOLITAN AVE



METROPOLITAN AV

ZIP CODE 11211
HSE # 1 TO 1125

1 EAST RIVER 2

301

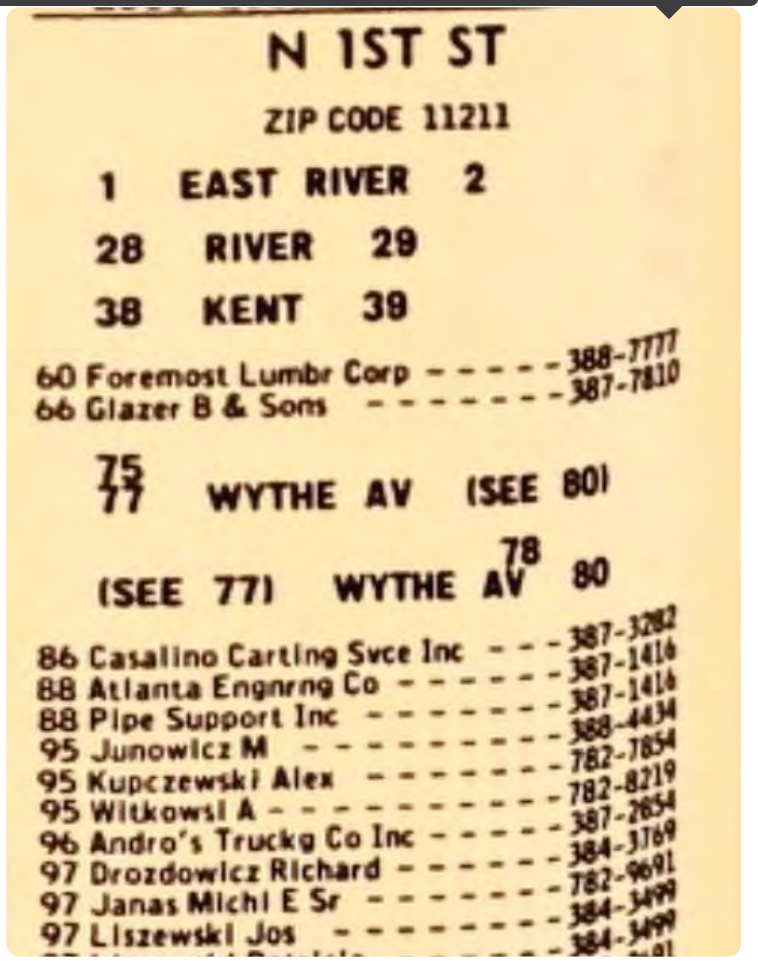
37 RIVER 38

51 KENT AV 52

65 Jay Perl Heel & Sole Co - - - - 384-8069
65 Perl Heel & Sole Co - - - - - - 384-8069
67 Almike Knitg Corp - - - - - - 384-2966
67 Almike Knitting Corp - - - - - 963-3948
67 Stahl Robert - - - - - - - - - 782-5060
80 Old Dutch Mustard Co Inc - - - 387-9155
80 Santich Paul - - - - - - - - b - 387-9155
83 Pacific China Decoratg Co Inc - 387-5595

99 WYTHE AV 100

100 Imperial Plating Co Inc - - - 387-5877
100 S & H Metal Prods - - - - - - 387-5877
105 Szala Cecilia - - - - - - - - b - 384-2231
113 Hughes Bros Transptn Co Inc - 388-3611
113 Hughes Bros Trucking - - - - 388-3611
123 A B C Sand Blasting Svce - - - 388-6924
123 Glass Specialties Corp - - - - 388-6924



N 1ST ST

ZIP CODE 11211

1 EAST RIVER 2

28 RIVER 29

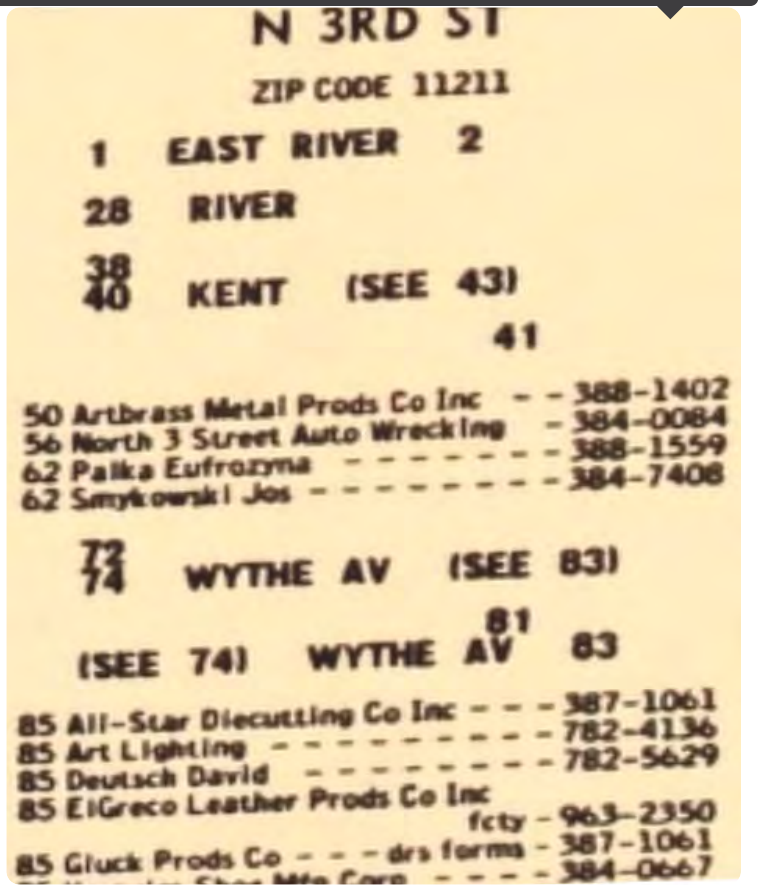
38 KENT 39

60 Foremost Lumbr Corp - - - - - 388-7777
66 Glazer B & Sons - - - - - - - 387-7810

75
77 WYTHE AV (SEE 80)

(SEE 77) WYTHE AV 78 80

86 Casalino Carting Svce Inc - - - 387-3282
88 Atlanta Engnrng Co - - - - - - 387-1416
88 Pipe Support Inc - - - - - - - 387-1416
95 Junowicz M - - - - - - - - - 388-4434
95 Kupczewski Alex - - - - - - - 782-7854
95 Witkowsi A - - - - - - - - - 782-8219
96 Andro's Truckg Co Inc - - - - 387-2654
97 Drozdowicz Richard - - - - - 384-3769
97 Janas Michl E Sr - - - - - - 782-9691
97 Liszewski Jos - - - - - - - - 384-3499



N 3RD ST

ZIP CODE 11211

1 EAST RIVER 2

28 RIVER

38
40 KENT (SEE 43)

41

50 Artbrass Metal Prods Co Inc - - 388-1402
56 North 3 Street Auto Wrecking - 384-0084
62 Palka Eufrozyna - - - - - - - 388-1559
62 Smykowski Jos - - - - - - - - 384-7408

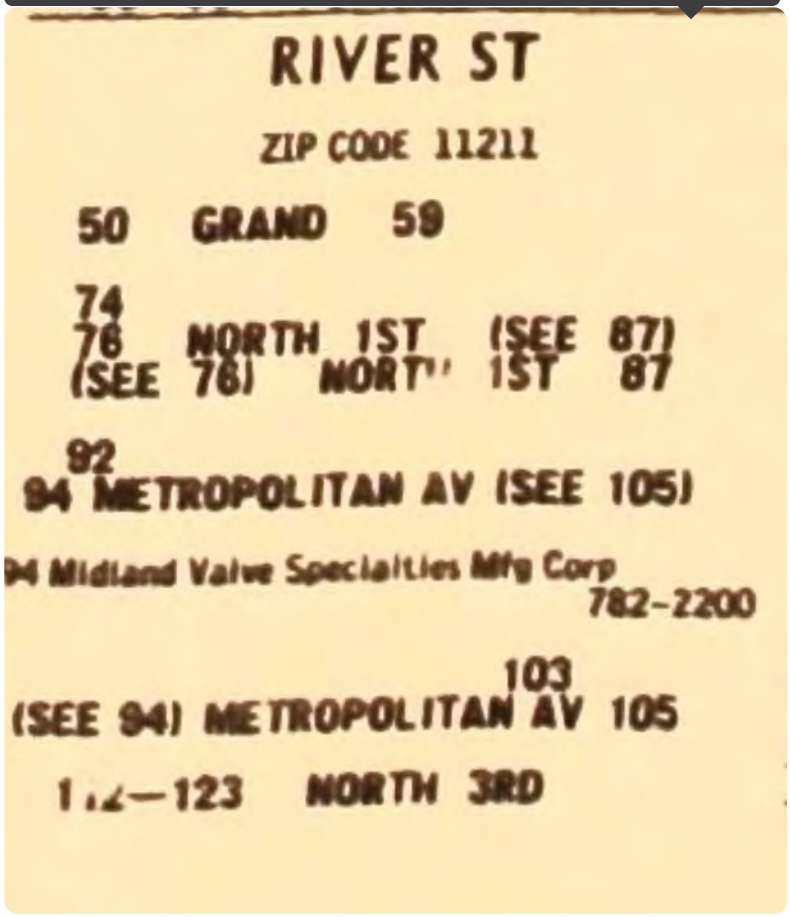
72
74 WYTHE AV (SEE 83)

81
(SEE 74) WYTHE AV 83

85 All-Star Diecutting Co Inc - - - 387-1061
85 Art Lighting - - - - - - - - - 782-4136
85 Deutsch David - - - - - - - - 782-5629
85 ElGreco Leather Prods Co Inc
fcty - 963-2350
85 Gluck Prods Co - - - drs forms - 387-1061
384-0667

1979 RIVER STREET

SOURCE: STREET ADDRESS DIRECTORY



RIVER ST

ZIP CODE 11211

50 GRAND 59

74

76 NORTH 1ST (SEE 87)

(SEE 76) NORTH 1ST 87

92

94 METROPOLITAN AV (SEE 105)

94 Midland Valve Specialties Mfg Corp 782-2200

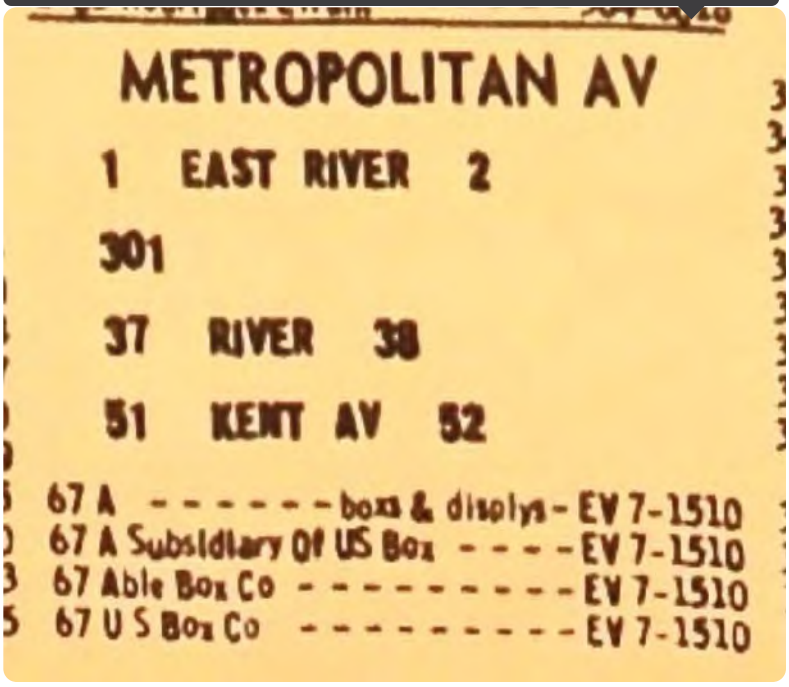
103

(SEE 94) METROPOLITAN AV 105

1[illegible]-123 NORTH 3RD

1973 METROPOLITAN AVE

SOURCE: STREET ADDRESS DIRECTORY



METROPOLITAN AV

1 EAST RIVER 2

301

37 RIVER 38

51 KENT AV 52

67 A ------boxs & displys - EV 7-1510

67 A Subsidiary Of US Box ----EV 7-1510

67 Able Box Co ----------EV 7-1510

67 U S Box Co ----------EV 7-1510

1973 NORTH 1ST STREET

SOURCE: STREET ADDRESS DIRECTORY



2583 2584 AV Z

N 1ST ST

1 EAST RIVER 2

28 RIVER 29

38 KENT 39

48 Negron E - - - - - - - - - - - - 384-0137
56 American Technical Coatings Corp 388-9239
56 Nationwide Chemical Co Inc - - 388-9239
60 Foremost Lumbr Corp - - - - - - EV 8-7777
66 Glazer B & Sons - - - - - - - - 387-7810

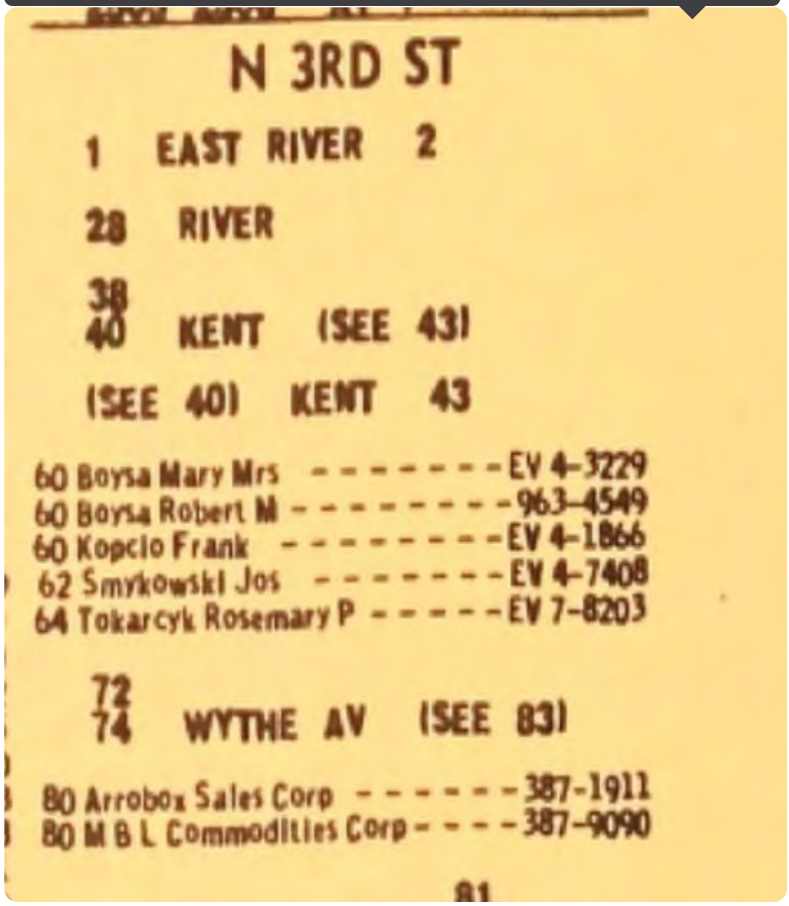
75 77 WYTHE AV (SEE 801

(SEE 771 WYTHE AV 78 80

86 Ell Merdjan Inc - - - - - - - - 387-7527
88 Atlanta Engrng Co - - - - - - - 387-1416
Blue Support Inc - - - - - - - 387-1416

1973 NORTH 3RD STREET

SOURCE: STREET ADDRESS DIRECTORY



N 3RD ST

1 EAST RIVER 2

28 RIVER

38
40 KENT (SEE 431

(SEE 401 KENT 43

60 Boysa Mary Mrs - - - - - - - - EV 4-3229
60 Boysa Robert M - - - - - - - - 963-4549
60 Kopcio Frank - - - - - - - - EV 4-1866
62 Smykowski Jos - - - - - - - - EV 4-7408
64 Tokarcyk Rosemary P - - - - - EV 7-8203

72
74 WYTHE AV (SEE 831

80 Arrobox Sales Corp - - - - - - 387-1911
80 M B L Commodities Corp - - - - 387-9090

81

1973 RIVER STREET

SOURCE: STREET ADDRESS DIRECTORY



RIVER ST

74

78 NORTH 1ST (SEE 87)

(SEE 78) NORTH 1ST 87

82

94 METROPOLITAN AV (SEE 105)

94 Midland Valve Specialties Mfg Corp

ST 2-2200

1970 METROPOLITAN AVE

SOURCE: STREET ADDRESS DIRECTORY



METROPOLITAN AV

1 EAST RIVER 2

37 RIVER 38

51 KENT AV 52

60 Osso Yo sav 388-2534

67 A ..... boxs&displys EV 7-1510

67 A Subsidiary of US Box ..... EV 7-1510

67 Able Box Co ..... EV 7-1510

67 US Box Co ..... EV 7-1510

67 United States Box Crafts Inc ..... EV 7-1510

71-55 Waste King Svce 894-488

80 Loeb Joseph ..... chemist 388-459

80 Old Dutch Mustard Co Inc ..... EV 7-9155

80 Santich Karlo Mrs b ..... EV 7-9155

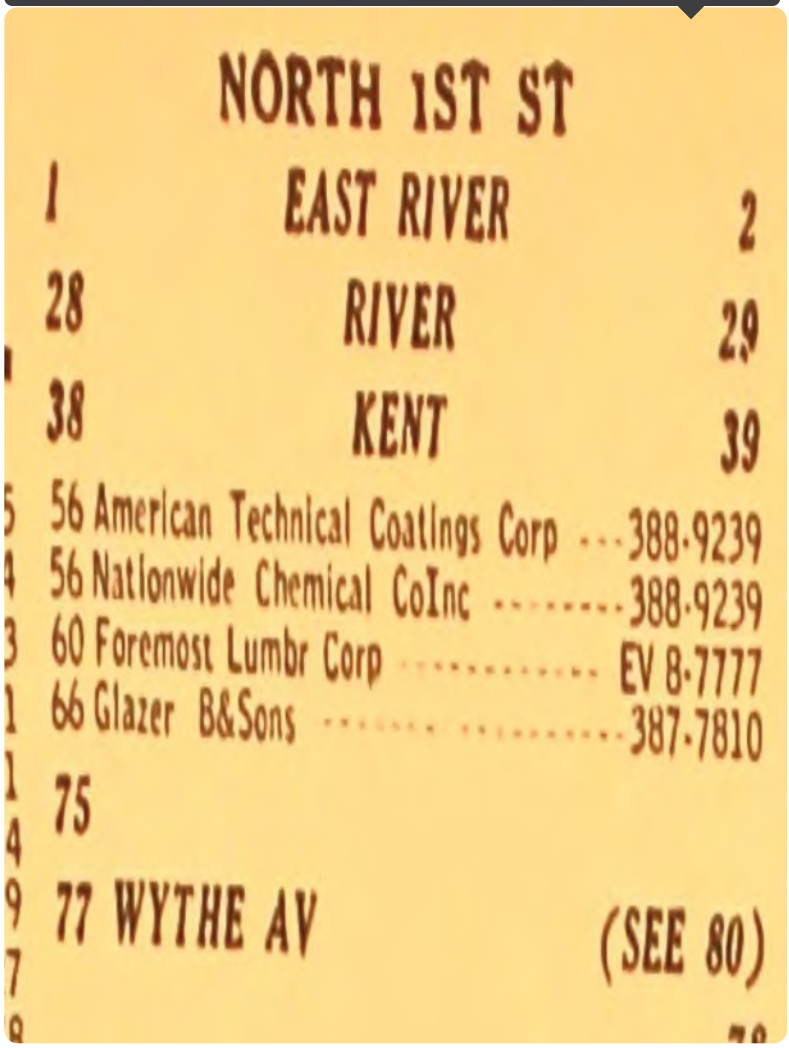
80 Santich Paul b ..... EV 7-9155

83 Pacific China Decoratg Co Inc ..... EVer 7-5595

99 WYTHE AV 100

100 Imperial Ptrting Colnc 387-5877

100 S&M Metal Prods 387-5877



NORTH 1ST ST

1 EAST RIVER 2

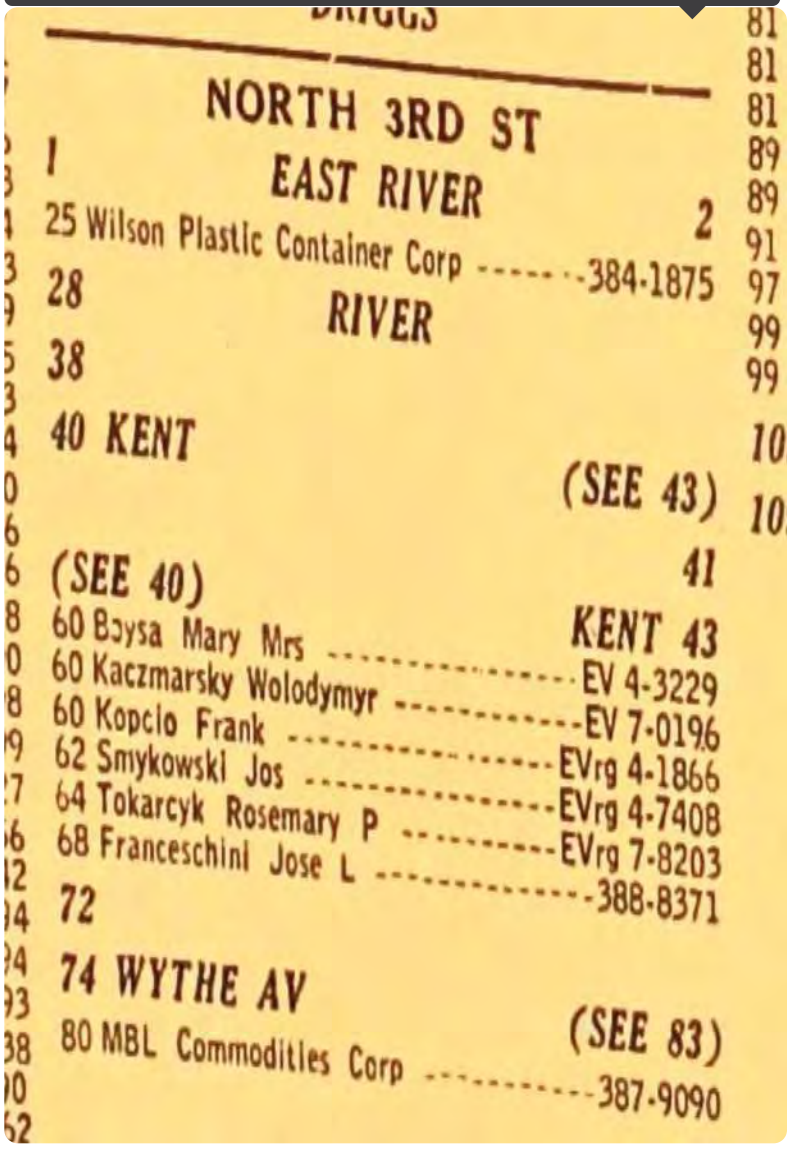
28 RIVER 29

38 KENT 39

56 American Technical Coatings Corp ... 388-9239
56 Nationwide Chemical CoInc 388-9239
60 Foremost Lumbr Corp ..... EV 8-7777
66 Glazer B&Sons 387-7810

75

77 WYTHE AV (SEE 80)



NORTH 3RD ST

1 EAST RIVER 2

25 Wilson Plastic Container Corp 384-1875

28 RIVER

38

40 KENT

(SEE 43)

41

(SEE 40)

KENT 43

60 Boysa Mary Mrs ..... EV 4-3229
60 Kaczmarsky Wolodymyr ..... EV 7-0196
60 Kopcio Frank ..... EVrg 4-1866
62 Smykowski Jos ..... EVrg 4-7408
64 Tokarcyk Rosemary P ..... EVrg 7-8203
68 Franceschini Jose L 388-8371

72

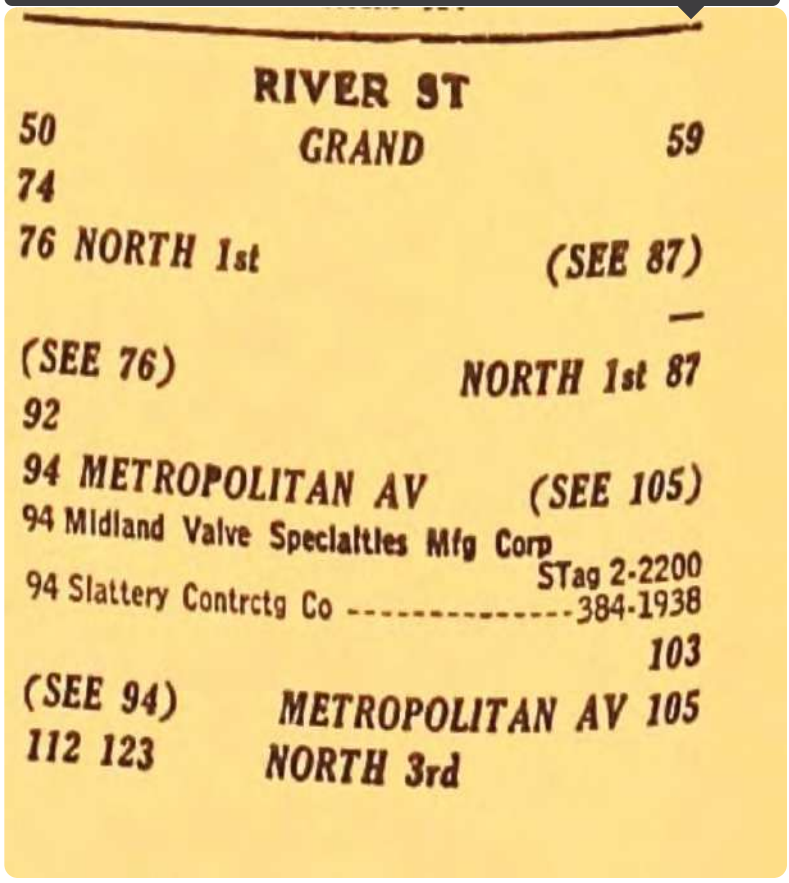
74 WYTHE AV

(SEE 83)

80 MBL Commodities Corp 387-9090

Report ID: 20190822112 - 8/28/2019
www.erisinfo.com

1970 RIVER STREET
SOURCE: STREET ADDRESS DIRECTORY



RIVER ST

50 GRAND 59
74

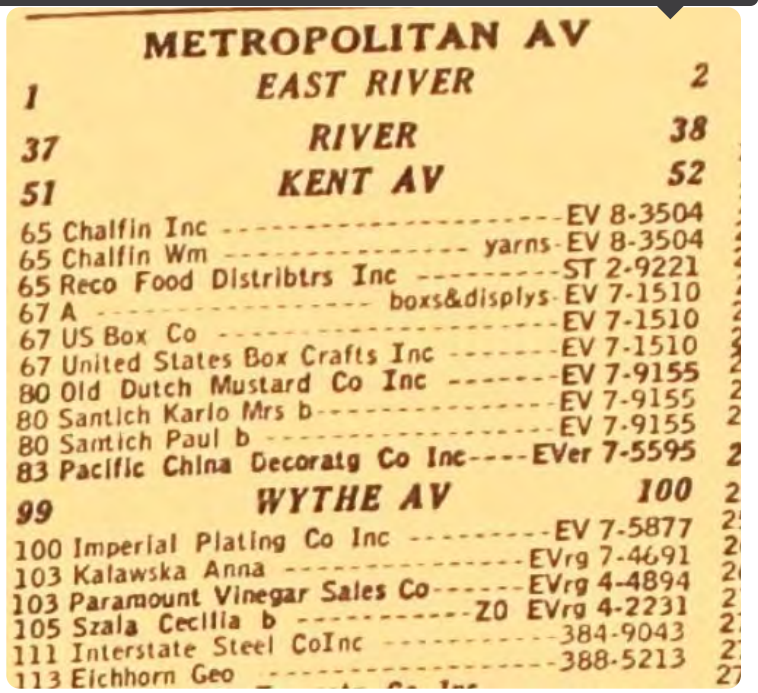
76 NORTH 1st (SEE 87)

(SEE 76) NORTH 1st 87
92

94 METROPOLITAN AV (SEE 105)
94 Midland Valve Specialties Mfg Corp STag 2-2200
94 Slattery Contrctg Co ---------- 384-1938
103

(SEE 94) METROPOLITAN AV 105
112 123 NORTH 3rd

1965 METROPOLITAN AVE
SOURCE: STREET ADDRESS DIRECTORY



METROPOLITAN AV

1 EAST RIVER 2

37 RIVER 38

51 KENT AV 52

65 Chalfin Inc ---------- EV 8-3504
65 Chalfin Wm ---------- yarns EV 8-3504
65 Reco Food Distribtrs Inc ---------- ST 2-9221
67 A ---------- boxs&displys EV 7-1510
67 US Box Co ---------- EV 7-1510
67 United States Box Crafts Inc ---------- EV 7-1510
80 Old Dutch Mustard Co Inc ---------- EV 7-9155
80 Santich Karlo Mrs b ---------- EV 7-9155
80 Santich Paul b ---------- EV 7-9155
83 Pacific China Decoratg Co Inc ---- EVer 7-5595

99 WYTHE AV 100

100 Imperial Plating Co Inc ---------- EV 7-5877
103 Kalawska Anna ---------- EVrg 7-4691
103 Paramount Vinegar Sales Co ---------- EVrg 4-4894
105 Szala Cecilia b ---------- ZO EVrg 4-2231
111 Interstate Steel CoInc ---------- 384-9043
113 Eichhorn Geo ---------- 388-5213

Report ID: 20190822112 - 8/28/2019
www.erisinfo.com

NORTH 1ST ST

1 EAST RIVER 2

28 RIVER 29

38 KENT 39

38 Kahn E A&CoInc ---------- 384-5169
56 Prospect St Pabr Stock Co ---- EVrg 8-8609
60 Foremost Lumbr Corp ---------- EV 8-7777
66 Glazer B&Sons ---------- 387-7810

75

77 WYTHE AV (SEE 80)

78

(SEE 80) WYTHE AV 80

88 Adams Grease Gun Co ---------- EVrg 7-1710
88 Rebilt Auto Prods Co ---------- EVrg 7-1710
95 Burns Anna ---------- EV 8-0916
95 Jakubowicz Anna ----------

NORTH 3RD ST

1 EAST RIVER 2

25 Wilson J W Glass Co Inc exec ofc&wrhse - EVrg 4-7639
25 Wilson Plastic Container Corp ---- EVrg 4-1875

28 RIVER

38

40 KENT

(SEE 43)

(SEE 40) 41

KENT 43

60 Boysa Mary Mrs ---------- EV 4-3229
60 Kaczmarsky Wolodymyr ---------- EV 7-0196
60 Kopcio Frank ---------- EVrg 4-1866
62 Smykowski Jos ---------- EVrg 4-7408
64 Tokarcyk Rosemary P ---------- EVrg 7-8203

72

74 WYTHE AV (SEE 83)

81

(SEE 74) WYTHE AV 83

85 All-Star Diecutting CoInc ---------- EV 7-1061
85 Arrce Die Cutting Co ---------- EVrg 8-7953
85 Art Lighting ---------- 782-4136

Report ID: 20190822112 - 8/28/2019
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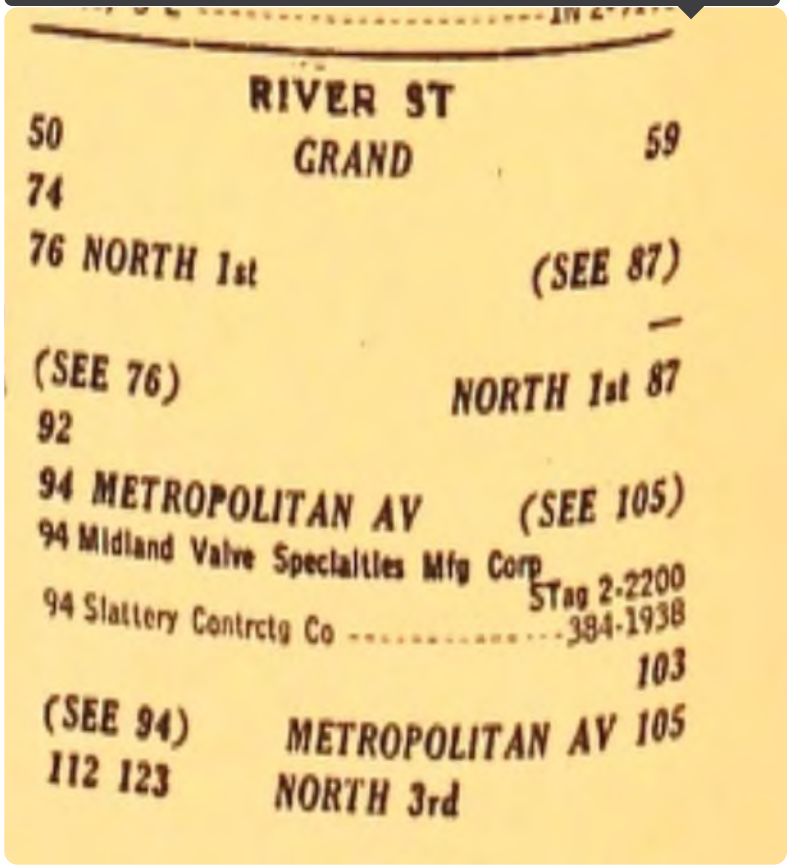
1965 RIVER STREET

SOURCE: STREET ADDRESS DIRECTORY



RIVER ST

50 GRAND 59

74

76 NORTH 1st (SEE 87)

(SEE 76) NORTH 1st 87

92

94 METROPOLITAN AV (SEE 105)

94 Midland Valve Specialties Mfg Corp STag 2-2200

94 Slattery Contrctg Co ---------- 384-1938

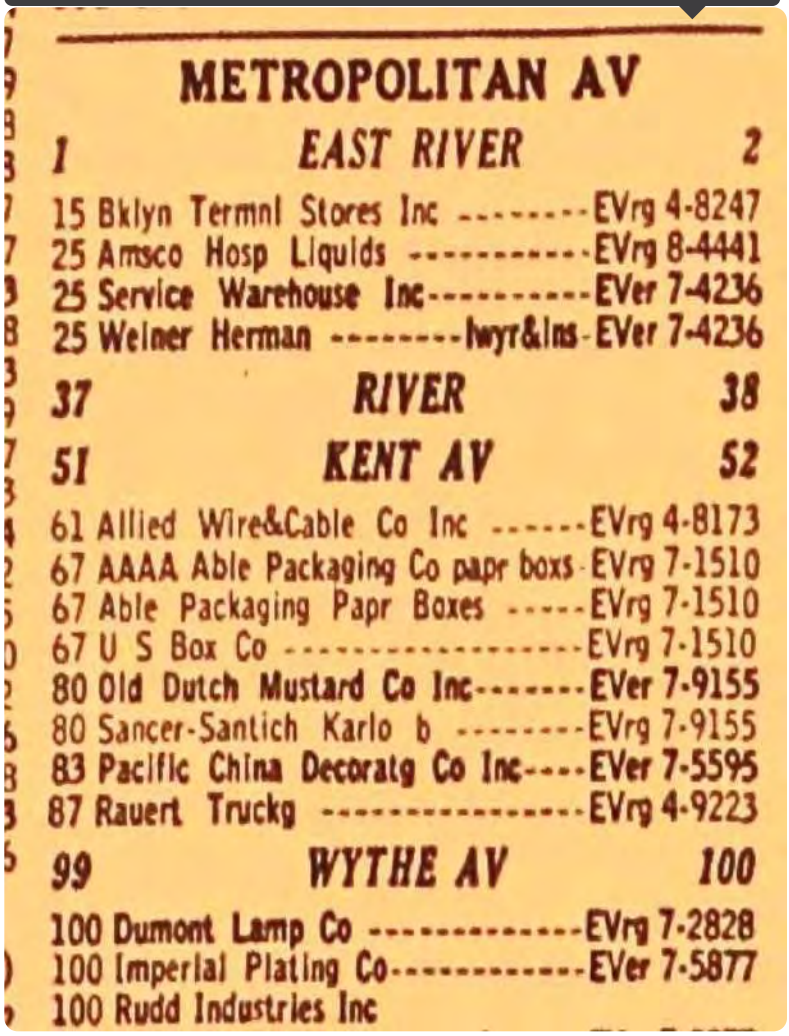
103

(SEE 94) METROPOLITAN AV 105

112 123 NORTH 3rd

1959 METROPOLITAN AVE

SOURCE: STREET ADDRESS DIRECTORY



METROPOLITAN AV

1 EAST RIVER 2

15 Bklyn Termnl Stores Inc --------EVrg 4-8247

25 Amsco Hosp Liquids ----------EVrg 8-4441

25 Service Warehouse Inc----------EVer 7-4236

25 Weiner Herman --------Iwyr&Ins-EVer 7-4236

37 RIVER 38

51 KENT AV 52

61 Allied Wire&Cable Co Inc ------EVrg 4-8173

67 AAAA Able Packaging Co papr boxs-EVrg 7-1510

67 Able Packaging Papr Boxes -----EVrg 7-1510

67 U S Box Co ----------EVrg 7-1510

80 Old Dutch Mustard Co Inc-------EVer 7-9155

80 Sancer-Santich Karlo b --------EVrg 7-9155

83 Pacific China Decoratg Co Inc----EVer 7-5595

87 Rauert Truckg ----------EVrg 4-9223

99 WYTHE AV 100

100 Dumont Lamp Co ----------EVrg 7-2828

100 Imperial Plating Co----------EVer 7-5877

100 Rudd Industries Inc

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NORTH 1ST ST

1 EAST RIVER 2

28 RIVER 29

38 KENT 39

48 Fra-Lex Dress Shop ---------- EVrg 4-4807
56 Casella Bros ---------- papr stk EVrg 8-8609
56 Prospect St Papr Stock Co ---- EVrg 8-8609

75

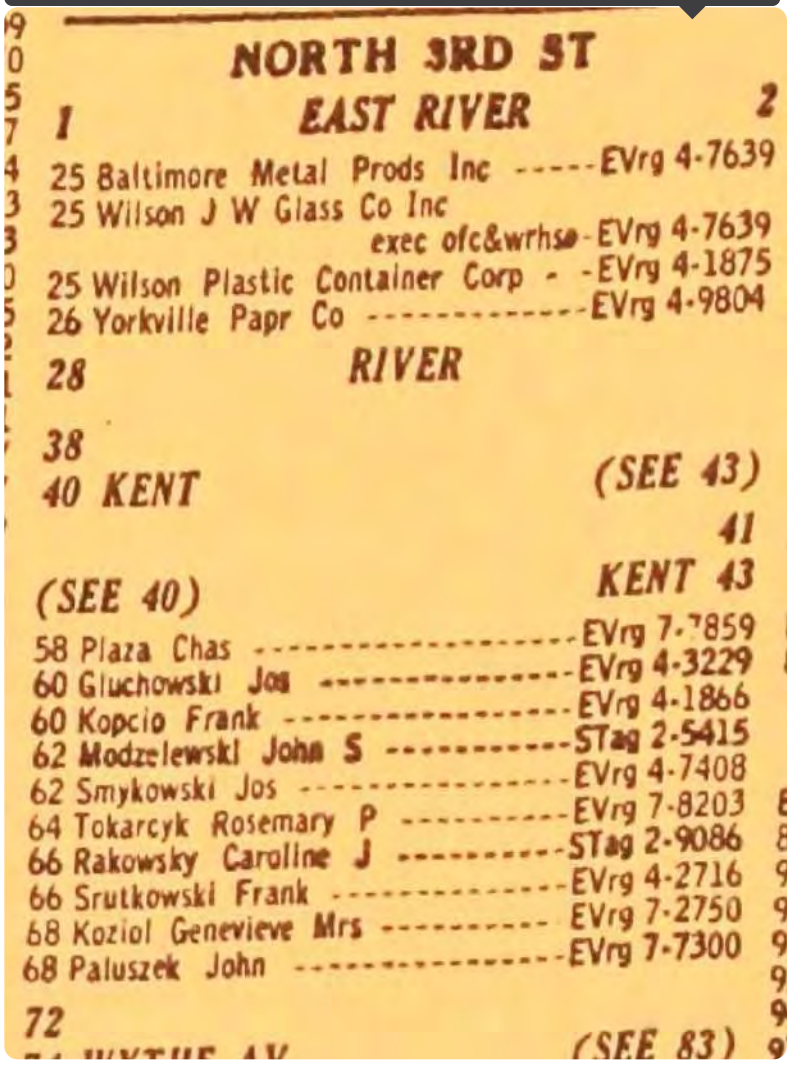
77 WYTHE AV (SEE 80)

78

WYTHE AV 80

(SEE 80)

88 Adams Grease Gun Co ---------- EVrg 7-1710
88 K S Prods Co ---- enaml-D6 EVrg 7-1710
88 Rebilt Auto Prods Co ---------- EVrg 7-1710
95 Jakubowicz Anna ---------- EVrg 8-2334
95 Kupczewski Alex ---------- STag 2-7854
96 Global Pickles ---------- EVrg 7-0621



NORTH 3RD ST

1 EAST RIVER 2

25 Baltimore Metal Prods Inc ----- EVrg 4-7639
25 Wilson J W Glass Co Inc
exec ofc&wrhse - EVrg 4-7639
25 Wilson Plastic Container Corp - - EVrg 4-1875
26 Yorkville Papr Co ---------- EVrg 4-9804

28 RIVER

38

40 KENT (SEE 43)

41

KENT 43

(SEE 40)

58 Plaza Chas ---------- EVrg 7-7859
60 Gluchowski Jos ---------- EVrg 4-3229
60 Kopcio Frank ---------- EVrg 4-1866
62 Modzelewski John S ---------- STag 2-5415
62 Smykowski Jos ---------- EVrg 4-7408
64 Tokarcyk Rosemary P ---------- EVrg 7-8203
66 Rakowsky Caroline J ---------- STag 2-9086
66 Srutkowski Frank ---------- EVrg 4-2716
68 Koziol Genevieve Mrs ---------- EVrg 7-2750
68 Paluszek John ---------- EVrg 7-7300

72

(SEE 83)

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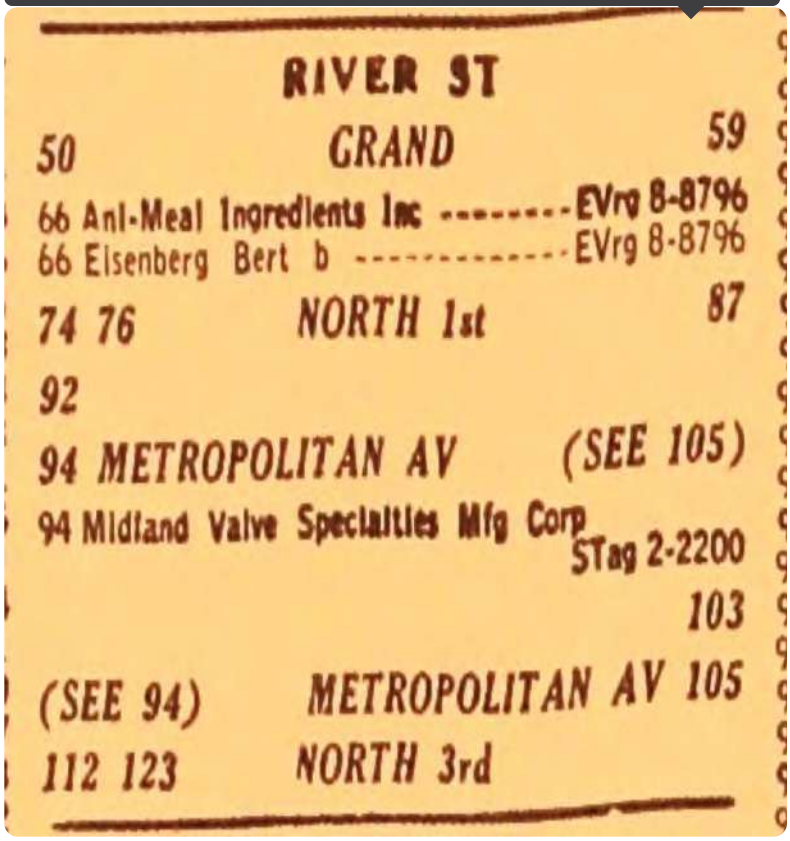
1959 RIVER STREET

SOURCE: STREET ADDRESS DIRECTORY



RIVER ST

50 GRAND 59

66 Ani-Meal Ingredients Inc ---------EVrg 8-8796
66 Eisenberg Bert b ----------EVrg 8-8796

74 76 NORTH 1st 87

92

94 METROPOLITAN AV (SEE 105)

94 Midland Valve Specialties Mfg Corp STag 2-2200

103

(SEE 94) METROPOLITAN AV 105

112 123 NORTH 3rd

1955 METROPOLITAN AVE

SOURCE: STREET ADDRESS DIRECTORY



6876
5737
2229
2574
4088
3710
3189
8788
6253
5212
1696
9988
5959
1570
7896
6688
9713
6606
224
987
955

METROPOLITAN AV

25 Hospital Liquid Inc----------EVer 8-4441
25 Service Warehouse Inc----------EVer 7-4236
25 Weiner Herman ---------lwyr&ins EVer 7-4236

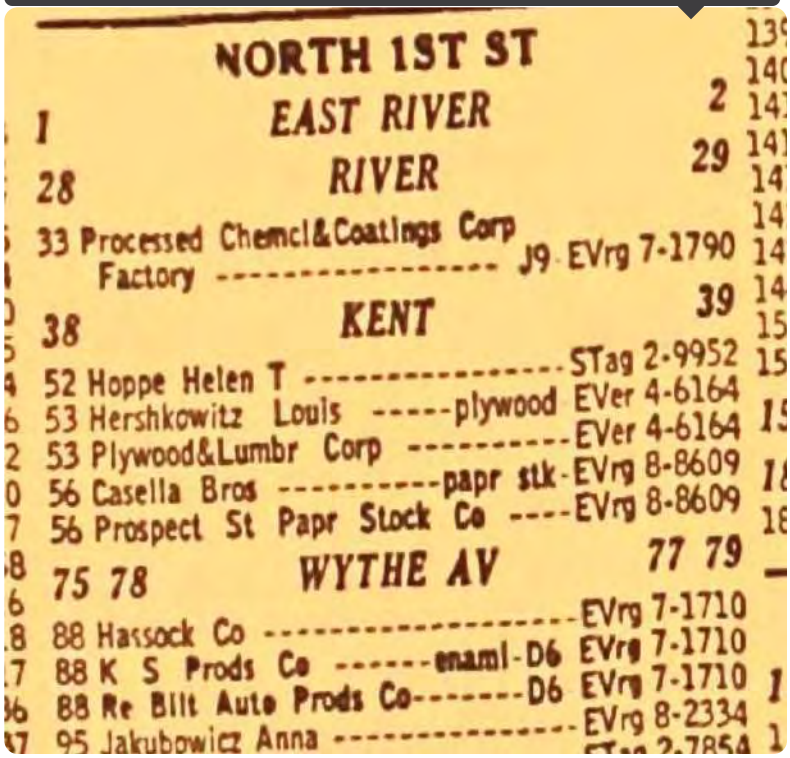
37 RIVER 38

51 KENT AV 52

73 Igoe Bros Inc ---------wire nails EVer 7-3400
80 Old Dutch Mustard Co Inc-------EVer 7-9155
83 Pacific China Decoratg Co Inc----EVer 7-5595

99 WYTHE AV 100

100 Dumont Lamp Co ----------EVrg 7-2828
100 Imperial Plating Co----------EVer 7-5877
100 Rudd Industries Inc
screw mach parts EVer 7-5877
100 Superior Art Shade Co -------EVrg 4-7981
101 Kitkowski Frank -----delcatesn EVer 4-9679
103 Paramount Vinegar Sales Co------EVrg 4-4894
105 Szala Cecilia h ----------ZO EVrg 4-2231



NORTH 1ST ST

1 EAST RIVER 2

28 RIVER 29

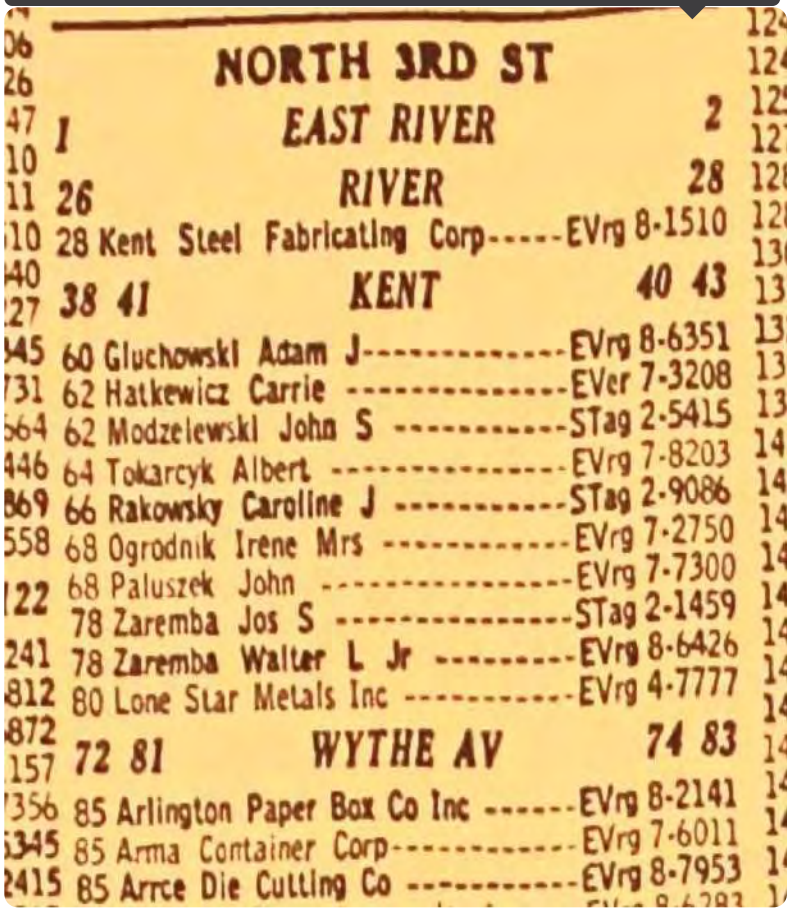
33 Processed Chemcl&Coatings Corp J9 EVrg 7-1790
Factory

38 KENT 39

52 Hoppe Helen T STag 2-9952
53 Hershkowitz Louis plywood EVer 4-6164
53 Plywood&Lumbr Corp EVer 4-6164
56 Casella Bros papr stk EVrg 8-8609
56 Prospect St Papr Stock Co EVrg 8-8609

75 78 WYTHE AV 77 79

88 Hassock Co EVrg 7-1710
88 K S Prods Co enaml D6 EVrg 7-1710
88 Re Bilt Auto Prods Co D6 EVrg 7-1710
95 Jakubowicz Anna EVrg 8-2334



NORTH 3RD ST

1 EAST RIVER 2

26 RIVER 28

28 Kent Steel Fabricating Corp EVrg 8-1510

38 41 KENT 40 43

60 Gluchowski Adam J EVrg 8-6351
62 Hatkewicz Carrie EVer 7-3208
62 Modzelewski John S STag 2-5415
64 Tokarcyk Albert EVrg 7-8203
66 Rakowsky Caroline J STag 2-9086
68 Ogrodnik Irene Mrs EVrg 7-2750
68 Paluszek John EVrg 7-7300
78 Zaremba Jos S STag 2-1459
78 Zaremba Walter L Jr EVrg 8-6426
80 Lone Star Metals Inc EVrg 4-7777

72 81 WYTHE AV 74 83

85 Arlington Paper Box Co Inc EVrg 8-2141
85 Arma Container Corp EVrg 7-6011
85 Arrce Die Cutting Co EVrg 8-7953

1955 RIVER STREET

SOURCE: STREET ADDRESS DIRECTORY



RIVER ST

1 GRAND

66 Anl-Meal Ingredients Inc --------EVrg 8-8796

74 76 NORTH 1st 87

94 Midland Valve Specialties Mfg Corp STag 2-2200

94 NY Packard Water Conditioner Inc-STag 2-2200

101 River St Loaders ----------51-EVrg 7-1194

92 103 METROPOLITAN AV 94 105

2 112 NORTH 3rd 123

1952 METROPOLITAN AVE

SOURCE: STREET ADDRESS DIRECTORY



METROPOLITAN AV

25 Hospital Liquid Inc----------J9-EVrg 8-4441

25 Service Warehouse Inc -------NL-EVrg 4-9115

25 Service Warehouse Inc ------J8-EVrg 7-4236

25 Weiner Herman -----lwyr&ins-D9-EVrg 7-4236

KENT AV

73 Igoe Bros Inc ....wire nails W8 EVer 7-3400

80 Old Dutch Mustard Co ---------EVrg 7-9155

83 Pacific China Decoratg Co Inc-D9-EVrg 7-5595

WYTHE AV

100 Imperial Plating Co -------J4-EVer 7-5877

100 Polarad Electronics Corp ---Z0-STag 2-3464

100 Rudd Industries Inc screw mach parts-EVrg 7-5877

100 Telewave Labs Inc ----------STag 2-3464

101 Kitkowski Frank --delcatesn-J9 EVrg 4-9679

103 Rite Papr Prods ----------Z0 EVrg 4-4839

105 Szala Cecilia b ----------Z0-EVrg 4-2231



NORTH 1ST ST

EAST RIVER RIVER

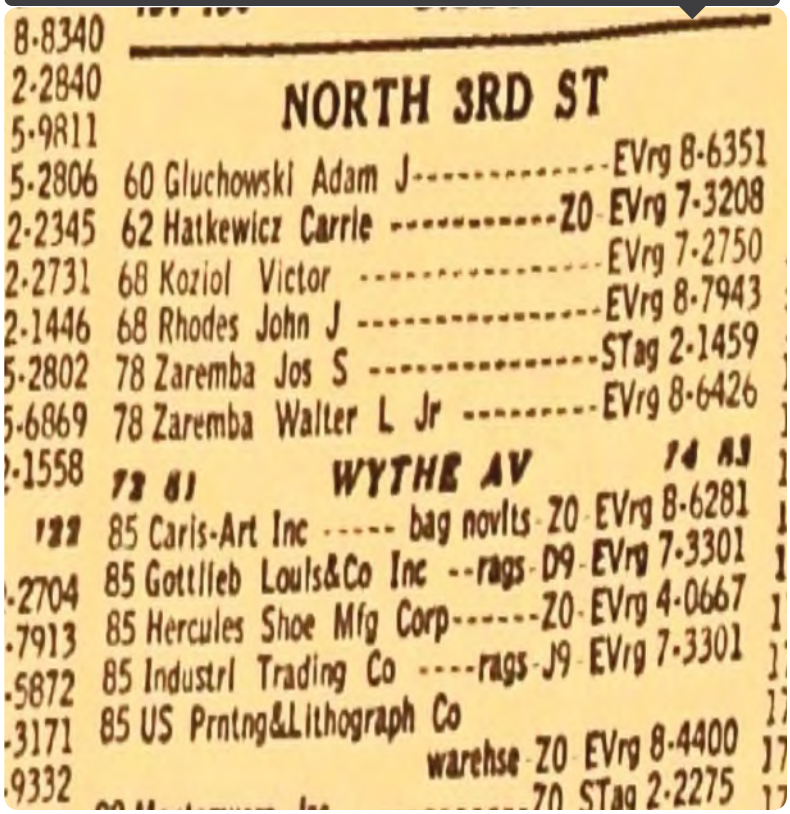
26 27 — 28 29

33 Processed Chemcl&Coatings Corp
Factory ---------- J9 EVrg 7-1790
48 Haines E H Rev ---------- J2 EVer 8-0827
53 Hershkowitz Louis ---plywood D8 EVrg 4-6164
53 Plywood&Lumbr Corp ---------- D8 EVrg 4-6164
56 Casella Bros ---------- J7 EVrg 8-2687
56 Prospect St Papr Stock Co---- J7 EVrg 8-2687

WYTHE AV

78 79 — 77 80

88 K S Prods Co ------enaml D6 EVrg 7-1710
88 Re Bilt Auto Prods Co------- D6 EVrg 7-1710
90 Evro Products Co ---------- EVer 7-1710
94 NY Steel Drum Co ---------- D8 EVrg 8-5949
95 Kupczewski Alex ---------- STag 2-7854
95 Rabetsky Stephen ---------- Z0 STag 2-0935
96 Roma Chemcl Corp ---------- STag 2-5330
97 Janas Michl Sr ---------- STag 2-6315



NORTH 3RD ST

60 Gluchowski Adam J ---------- EVrg 8-6351
62 Hatkewicz Carrie ---------- Z0 EVrg 7-3208
68 Koziol Victor ---------- EVrg 7-2750
68 Rhodes John J ---------- EVrg 8-7943
78 Zaremba Jos S ---------- STag 2-1459
78 Zaremba Walter L Jr ---------- EVrg 8-6426

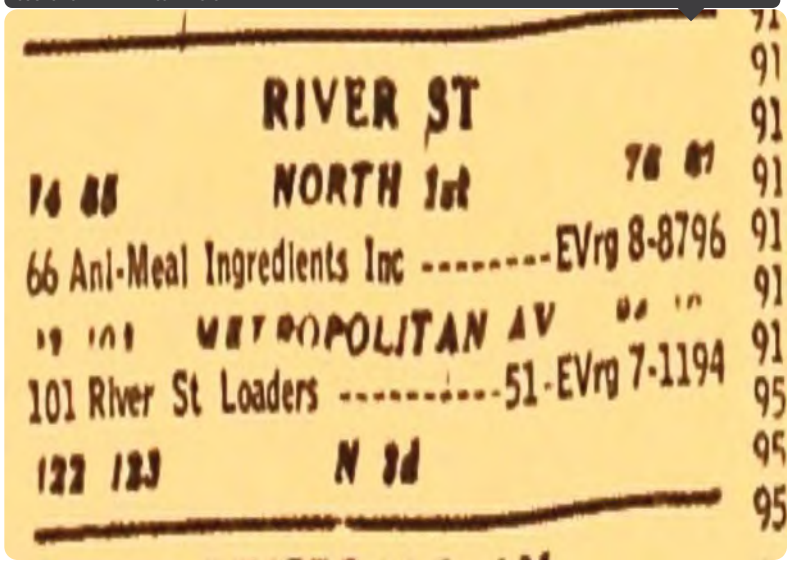
WYTHE AV

72 81 — 74 83

85 Caris-Art Inc ----- bag novlts Z0 EVrg 8-6281
85 Gottlieb Louis&Co Inc --rags D9 EVrg 7-3301
85 Hercules Shoe Mfg Corp------ Z0 EVrg 4-0667
85 Industrl Trading Co ----rags J9 EVrg 7-3301
85 US Prntng&Lithograph Co
warehse Z0 EVrg 8-4400
Z0 STag 2-2275

1952 RIVER STREET

SOURCE: STREET ADDRESS DIRECTORY



RIVER ST

NORTH 1st

66 Anl-Meal Ingredients Inc --------EVrg 8-8796

101 River St Loaders ----------51-EVrg 7-1194

N 3d

1945 METROPOLITAN AVE

SOURCE: STREET ADDRESS DIRECTORY



METROPOLITAN AV

KENT AV

73 Igoe Bros Inc .... wire nails W8 EV er 7-3400

80 Old Dutch Mustard Co Inc ..S9 EV er 7-9155

83 Pacific China Decrtg Co Inc..S7 EV er 8-7524

WYTHE AV

100 Imperial Plating Co --------J4-EVer 7-5877

100 Steiner Mfg Co ------ plstcs-J4-EVer 7-1590

101 Kitkowski Frank ---delcatesn-J5-EVrg 4-7246

111 W ---------- Spec

113 Hughes Bros Transptn Co Inc J1 EV er 8-3611

131 Marsico J --------wastepapr-J5 EVrg 7-7925

135 Wmsburg Trailer Svce trukng D2 EV er 8-4663



MYRTLE AV

NORTH 1ST ST

1 EAST RIVER 2

26 27 RIVER 28 29

48 Haines E H Rev .....J2 EV er 8-0827
53 Hershkowitz Leon ----plywood J4 EVer 8-6370
53 Plywood&Lumbr Corp --------J4 EVer 8-6370

76 78 WYTHE AV 77 80

107 Pearl Mfg Co..baby carrgs W3 EV er 8-9888

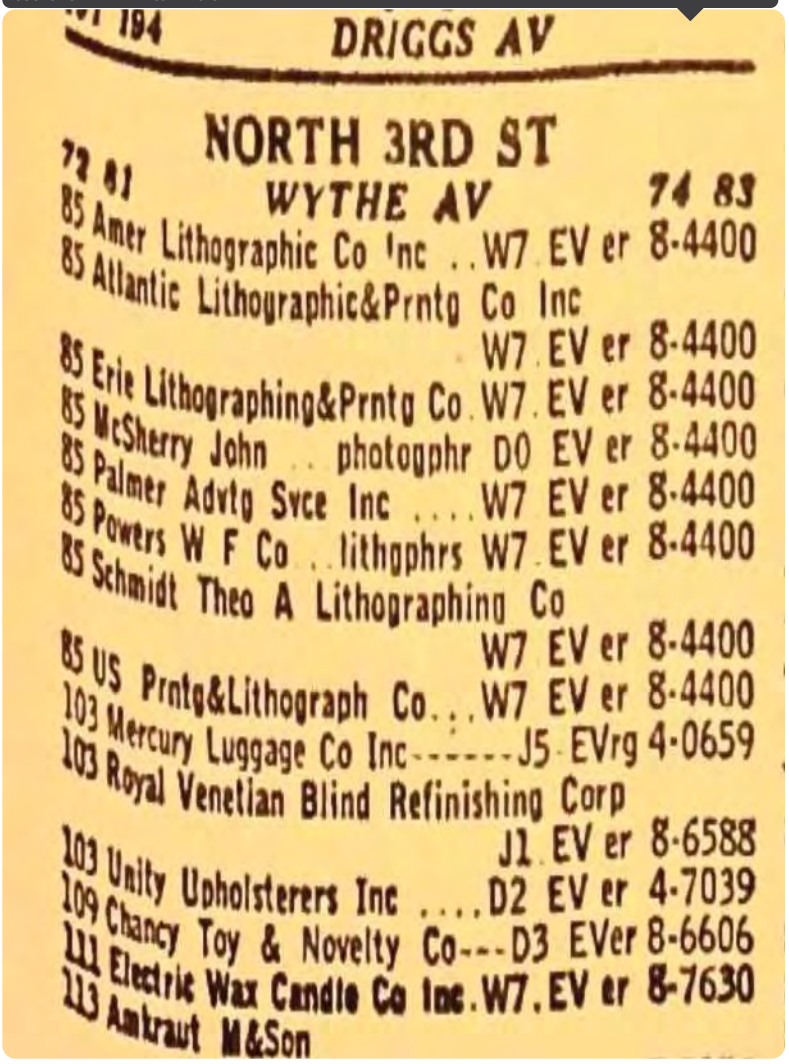
113 118 BERRY 118 120

142 NYC Health Dept
child health sta W8 EV er 8-7452
150 Universal Crockery Co....D2 EV er 8-8842

158 160 BEDFORD AV 166 168

171 M&J Auto Repairg Co-------J4 EVer 4-7206
171 Mitchell & Jones garage W7 EV er 4-7206

191 194 DRIGGS AV



191 194 DRIGGS AV

NORTH 3RD ST

72 81 WYTHE AV 74 83

85 Amer Lithographic Co Inc ..W7 EV er 8-4400
85 Atlantic Lithographic&Prntg Co Inc
W7 EV er 8-4400
85 Erie Lithographing&Prntg Co W7 EV er 8-4400
85 McSherry John .. photogphr D0 EV er 8-4400
85 Palmer Advtg Svce Inc ....W7 EV er 8-4400
85 Powers W F Co ..lithgphrs W7 EV er 8-4400
85 Schmidt Theo A Lithographing Co
W7 EV er 8-4400
85 US Prntg&Lithograph Co...W7 EV er 8-4400
103 Mercury Luggage Co Inc------J5 EVrg 4-0659
103 Royal Venetian Blind Refinishing Corp
J1 EV er 8-6588
103 Unity Upholsterers Inc ....D2 EV er 4-7039
109 Chancy Toy & Novelty Co---D3 EVer 8-6606
111 Electric Wax Candle Co Inc.W7 EV er 8-7630
113 Ambraut M&Son

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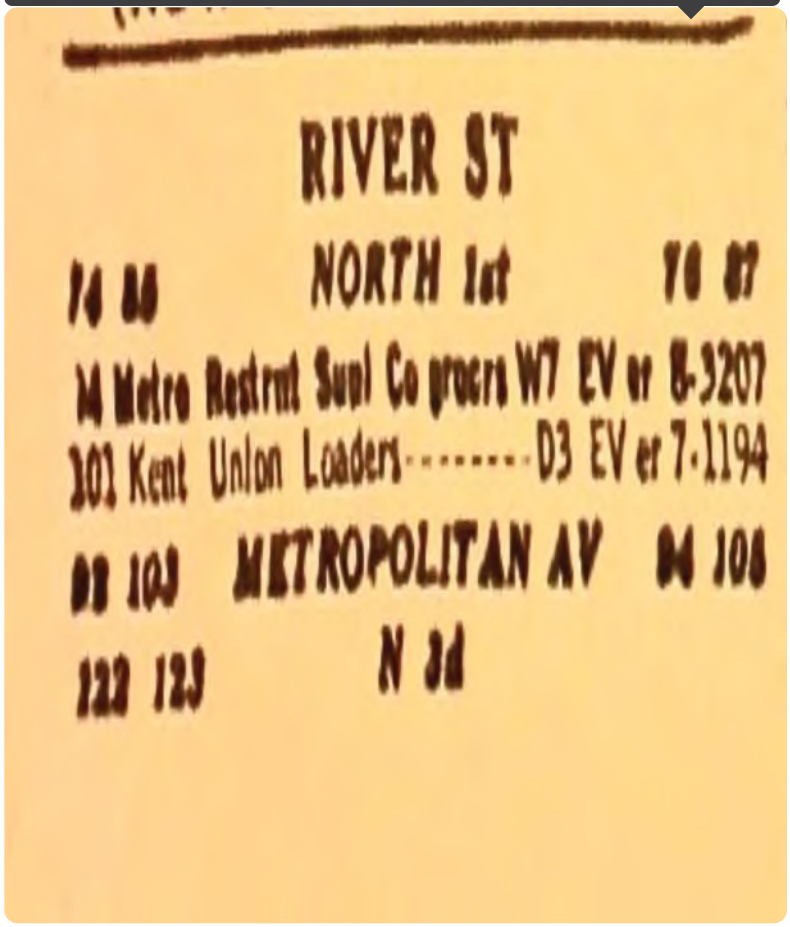
1945 RIVER STREET

SOURCE: STREET ADDRESS DIRECTORY



RIVER ST

NORTH 1st

Metro Restrnt Sunl Co grocers W7 EV er 8-9207

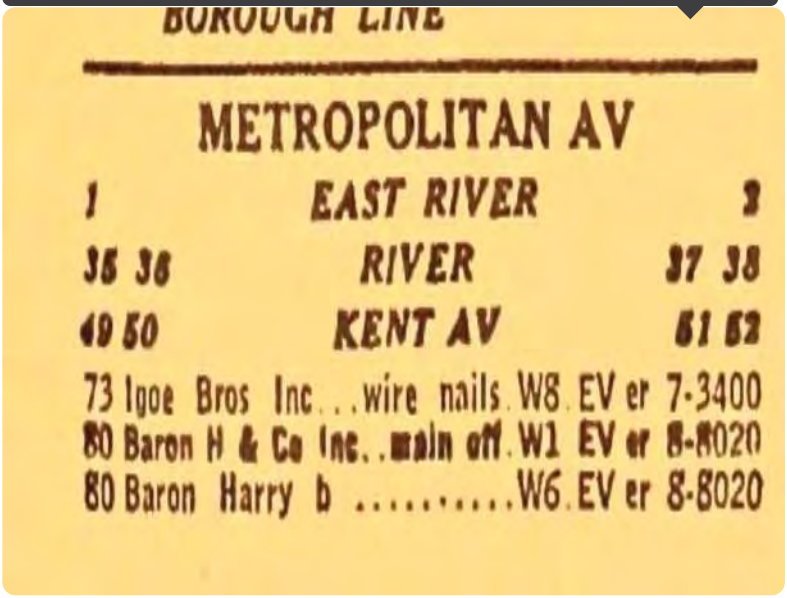
Kent Union Loaders.....D3 EV er 7-1194

METROPOLITAN AV

N 3d

1939 METROPOLITAN AVE

SOURCE: STREET ADDRESS DIRECTORY



BOROUGH LINE

METROPOLITAN AV

1 EAST RIVER 2

35 36 RIVER 37 38

49 50 KENT AV 61 62

73 Igoe Bros Inc...wire nails W8 EV er 7-3400

80 Baron H & Co Inc..main off W1 EV er 8-8020

80 Baron Harry b .....W6 EV er 8-8020

NORTH 1ST ST

1 EAST RIVER 2

26 Pfizer Chas & Co Inc ..... N Pub

26 27 RIVER 28 29

53 Hershkowitz Sol .....lumbr. W7 EV er 4-8757
53 Inwood Lumbr Corp.....W7 EV er 4-8757
53 Kent Lumbr Co.....W7 EV er 4-8757
54 Frank H&Bro Inc scrap metl S6 EV er 8-5932

75 78 WYTHE AV 77 80

88 Premier Wiping Rag Co ....W7 EV er 7-0536
88 Schwartz Louis wool stk W7 EV er 7-0536
90 Excelsior Honey Co Inc W8 EV er 8-8778

NORTH 3RD ST

38 41 KENT AV 40 43

40 Kent Svce Sta Inc .....W7 EV er 4-8996

72 81 WYTHE AV 74 83

85 Amer Lithographic Co Inc ..W7 EV er 8-4400
85 Atlantic Lithographic&Prntg Co Inc
W7 EV er 8-4400
85 Erie Lithographing&Prntg Co W7 EV er 8-4400
85 Palmer Advtg Svce Inc ....W7 EV er 8-4400
85 Powers W F Co...lithgphrs W7 EV er 8-4400
85 Schmidt Theo A Lithographing Co
W7 EV er 8-4400
85 US Prntg&Lithograph Co...W7 EV er 8-4400

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www.erisinfo.com

1939 RIVER STREET

SOURCE: STREET ADDRESS DIRECTORY



RIVER ST

74 88 NORTH 1st 78 87

94 Metro Restrnt Supl Co grocrs W7 EV er 8-3207

92 103 METROPOLITAN AV 94 106

1937 METROPOLITAN AVE

SOURCE: STREET ADDRESS DIRECTORY



METROPOLITAN AV

1 EAST RIVER 2

35 36 RIVER 37 38

49 50 KENT AV 51 52

56 Gavigan Owen ..... W1 EV er 8-8525

69 Igoe Bros ..... wire nails W1 EV er 7-3400

80 Baron H & Co Inc .. main off W1 EV er 8-8020

80 Baron Harry b ..... W6 EV er 8-8020

80 Baron Harry ..... W1 EV er 8-8020

80 Brightman Ira S b ..... W1 EV er 8-8020

80 Gold Seal Products Co Inc .. W1 EV er 8-8020

83 Pacific China Decrtg Co Inc. S7 EV er 8-7524

87 Arrow Coal Co ..... S7 EV er 7-4455

87 Edwards O Minson .... coal S7 EV er 7-4455

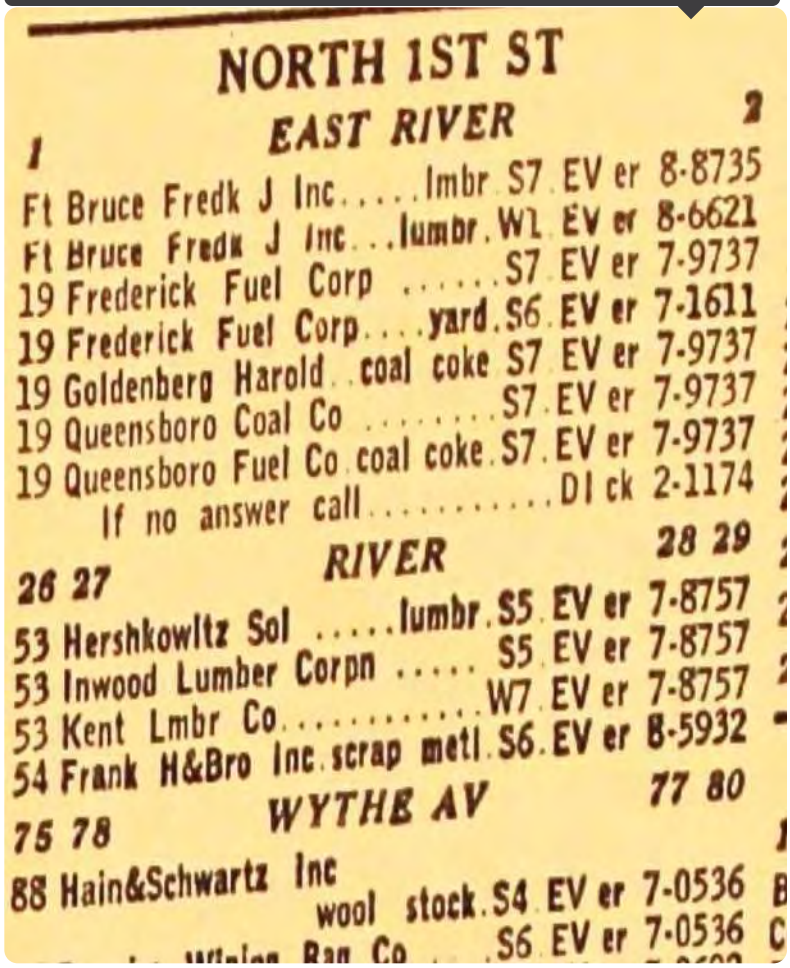
92 Brenner David ..... paints W6 EV er 8-5407

92 Wythe Prods Co ..... paints S6 EV er 8-5407

If no answer call ..... W1 sc 7-1810

97 98 WYTHE AV 99 100

111 Schnibbe Richard .. garage W1 EV er 7-7954



NORTH 1ST ST

EAST RIVER

1 2

Ft Bruce Fredk J Inc.....lmbr S7 EV er 8-8735
Ft Bruce Fredk J Inc...lumbr W1 EV er 8-6621
19 Frederick Fuel Corp .....S7 EV er 7-9737
19 Frederick Fuel Corp....yard S6 EV er 7-1611
19 Goldenberg Harold..coal coke S7 EV er 7-9737
19 Queensboro Coal Co .....S7 EV er 7-9737
19 Queensboro Fuel Co coal coke S7 EV er 7-9737
If no answer call.....Dl ck 2-1174

RIVER

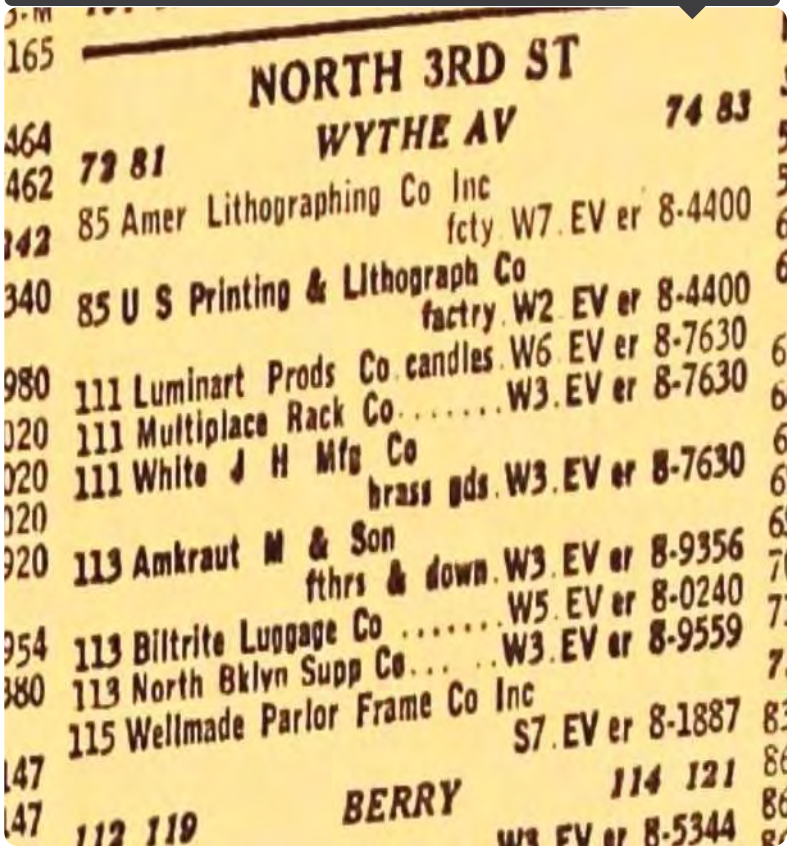
26 27 28 29

53 Hershkowltz Sol .....lumbr S5 EV er 7-8757
53 Inwood Lumber Corpn ..... S5 EV er 7-8757
53 Kent Lmbr Co.....W7 EV er 7-8757
54 Frank H&Bro Inc scrap metl S6 EV er 8-5932

WYTHE AV

75 78 77 80

88 Hain&Schwartz Inc
wool stock S4 EV er 7-0536
S6 EV er 7-0536



NORTH 3RD ST

WYTHE AV

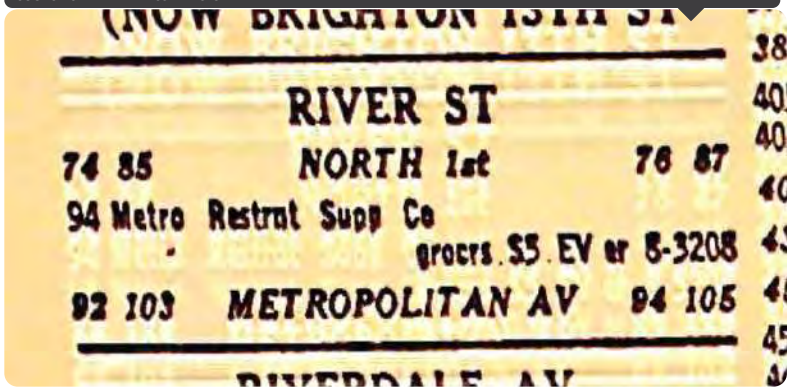
165
464 72 81 74 83
462
342 85 Amer Lithographing Co Inc
fcty W7 EV er 8-4400
340 85 U S Printing & Lithograph Co
factry W2 EV er 8-4400
980 111 Luminart Prods Co candles W6 EV er 8-7630
020 111 Multiplace Rack Co.....W3 EV er 8-7630
020 111 White J H Mfg Co
020 brass gds W3 EV er 8-7630
920 113 Amkraut M & Son
fthrs & down W3 EV er 8-9356
W5 EV er 8-0240
954 113 Biltrite Luggage Co .....W3 EV er 8-9559
380 113 North Bklyn Supp Co.....
115 Wellmade Parlor Frame Co Inc
S7 EV er 8-1887
147 114 121
147 112 119 BERRY

Report ID: 20190822112 - 8/28/2019
www.erisinfo.com

1937

SOURCE: STREET ADDRESS DIRECTORY

RIVER STREET



(NOW BRIGHTON 15TH ST)

RIVER ST

74 85 NORTH 1st 76 87

94 Metro Restrnt Supp Co

grocrs. 55 EV nr 8-3208

92 103 METROPOLITAN AV 94 105

RIVERDALE AV

--- END REPORT ---

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property:	*Brooklyn Office* *184-242 Kent Avenue* *Brooklyn, NY 11249*
Project No:	*R19-5753*
Requested By:	*Nova Group, GBC*
Order No:	*20190906079*
Date Completed:	*September 10, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

September 10, 2019
RE: CITY DIRECTORY RESEARCH
Brooklyn Office
184-242 Kent Avenue Brooklyn, NY

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
150-300 of Kent Avenue

Search Results Summary

Date	Source	Comment
2018	DIGITAL BUSINESS DIRECTORY	
2014	DIGITAL BUSINESS DIRECTORY	
2010	DIGITAL BUSINESS DIRECTORY	
2006	COLE	
2000	COLE	
1997	COLE	
1990	STREET ADDRESS DIRECTORY	
1985	STREET ADDRESS DIRECTORY	
1979	STREET ADDRESS DIRECTORY	
1970	STREET ADDRESS DIRECTORY	
1965	STREET ADDRESS DIRECTORY	
1959	STREET ADDRESS DIRECTORY	
1955	STREET ADDRESS DIRECTORY	
1952	STREET ADDRESS DIRECTORY	
1945	STREET ADDRESS DIRECTORY	
1939	STREET ADDRESS DIRECTORY	
1937	STREET ADDRESS DIRECTORY	

81 total records. *Part 1 of 2*

143 **DRYBAR**...*BEAUTY SALONS*
151 **KENT AVE HOLDINGS LLC**...*HOLDING C*
151 **KODE MEDIA LLC**...*NONCLASSIFIED ES*
151 **LWIN DESIGN**...*NONCLASSIFIED ESTAB*
151 **NAAMALEXLEVY.COM**...*ADVERTISING-CO*
151 **POPPINGTON ACADEMY**...*NONCLASSIFIE*
164 **FERRIGNO FRANK**...*PHARMACISTS*
164 **KENT DRY CLEANERS**...*CLEANERS*
175 **175 KENT APARTMENTS**...*OPERATORS O*
175 **175 KENT APARTMENTS**...*APARTMENTS<*
175 **BRIGHT HORIZONS**...*CHILD CARE SERV*
175 **CAMLIN**...*RESTAURANTS*
175 **ODD FELLOWS ICE CREAM CO**...*ICE CR*
175 **SKEETE KEVIN**...*PARKING STATIONS*
178 **MOLE**...*RESTAURANTS*
184 **184 KENT FEE LLC**...*REAL ESTATE*
184 **ART FAIRS UNLIMITED LLC**...*ART GAL*
184 **BORKOWSKA KATARZYNA A PT**...*PHYSI*
184 **D S A BUILDERS INC**...*BUILDING CON*
184 **HILLSONG NEW YORK CITY LLC**...*CITY*
184 **JMH DEVELOPMENT LLC**...*REAL ESTATE*
184 **KIDVILLE WILLIAMSBURG**...*PRE-SCHOO*
184 **KIMBERLY WESSON**...*NONCLASSIFIED E*
184 **KOREAN DELIGHTS LLC**...*KOREAN FOOD*
184 **LA NONNA RISTORANTE BAR**...*RESTAU*
184 **NEWNOISE**...*NONCLASSIFIED ESTABLIS*
184 **PUDGE KNUCKLES LLC**...*CAFES*
184 **PURE CLEANERS**...*CLEANERS<*
184 **QUIK PARK**...*PARKING STATIONS & GA*
184 **QUIK PARK**...*PARKING STA/GARAGES E*
184 **READY AIM RENOVATE INC**...*INTERIOR*
184 **VENIER CUSTOMS**...*NONCLASSIFIED ES*
184 **WE RUB YOU**...*GENERAL MERCHANDISE-*
184 **WE RUB YOU**...*HARDWARERETAIL*
184 **WEST MINSTER MANAGEMENT LLC**...*REA*
196 **SOUL CYCLE**...*HEALTH CLUBS STUDIOS*
210 **ALBINO FAWN PRODUCTIONS**...*NONCLAS*
229 **GRAND FERRY**...*NONCLASSIFIED ESTAB*
235 **235-237 KENT AVE GROUP LL**...*CONST*
240 **BEAM**...*UNCLASSIFIED ESTABLISHMENT*
240 **BIG PROPERTY MANAGEMENT**...*REAL ES*
240 **BROOKLYN S FINEST REALTY**...*REAL E*
240 **COCOCOHOME THE COMFORTABLE CCH**...
240 **FIRST WINE SPIRITS**...*WINES-RETAI*
240 **HEAVENLY EVENT & CATERING**...*CATER*
240 **HEAVENLY EVENT & CATERING**...*RESTA*
240 **HUDSON SUPPLY CO**...*GENERAL MERCHA*
240 **HUSH HUSH CLOSET**...*FAMILY CLOTHIN*
240 **JCB**...*PRODUCTION SERVICES*
240 **KARLANI**...*NONCLASSIFIED ESTABLISH*
240 **MOTIF LOVER**...*MISCELLANEOUS RETAI*
240 **NOMATERRA FRAGRANCES**...*COSMETICS*
240 **OTRTC NETWORK**...*NONCLASSIFIED EST*

2018
SOURCE: DIGITAL BUSINESS DIRECTORY
KENT AVENUE

Part 2 of 2

240 **REPAIR CLUB**...*Repair Shops & Related S*
240 **SEM**...*Advertising Marketing*
240 **STERN DEEDS**...*Employment Placement Age*
240 **SUNRUN INC**...*Solar Energy Equipment-wh*
240 **SUNRUN INC**...*Solar Energy Equipment-ma*
240 **WAGGO**...*Pet Supplies & Foods-retail*
240 **WILLIAMSBURG MUSIC STUDIO**...*Music Inst*
240 **WILLIAMSBURG MUSIC STUDIO**...*Music Inst*
240 **YOU YOURS FINE VINTAGE**...*Furniture-de*
245 **CARRIAGE HOUSE PAPER**...*Paper-manufactu*
252 **LAU NSON PRODUCE CO IN**...*Fruits & Vege*
261 **RADIAC RESEARCH**...*Radioactive Material*
261 **RADIAC RESEARCH**...*Federal Government C*
261 **RADIAC RESEARCH**...*Radioactivity Instru*
261 **RADIAC RESEARCH**...*Construction Compani*
263 **WILLIAMSBURG METAL SPINNING**...*Metal Sp*
263 **WILLIAMSBURG METAL SPINNING**...*Metal St*
269 **RAN TEA HOUSE**...*Coffee & Tea*
285 **VICE MEDIA GROUP LLC**...*Television Prog*
287 **WINDMILL STUDIOS**...*Photographers-portr*
289 **MS J'S GYMNASTICS**...*Gymnastic Instruct*
289 **MS J'S GYMNASTICS**...*Dancing Instructio*
291 **MERCADO PAN Y ROSAS**...*Restaurants*
295 **FARCEDES TRADING INC**...*Importers (whls*
295 **YA ZHOU WEN HUA**...*Printers (mfrs)*
295 **YA ZHOU WEN HUA**...*Real Estate Inspecti*
295 **YA ZHOU WEN HUA**...*Real Estate<*
295 **YA ZHOU WEN HUA**...*Commercial Printing*

2014
SOURCE: DIGITAL BUSINESS DIRECTORY

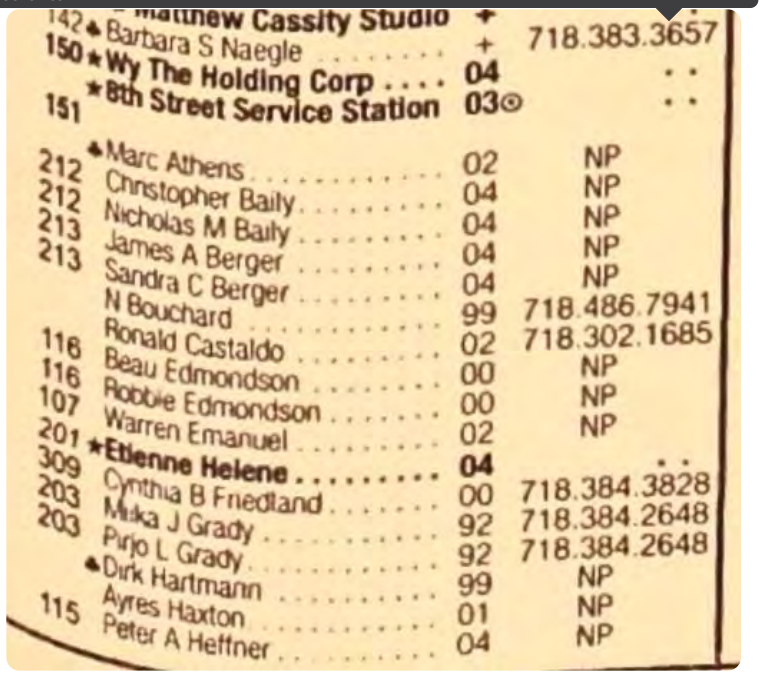
KENT AVENUE

151 **DAVID WEISS**...*Nonclassified Establishm*
151 **KENT AVE HOLDINGS LLC**...*Offices Of Oth*
151 **WILLIAMSBURG'S BEST EXTRMNTORS**...*Exter*
164 **CHASE ATM**...*Commercial Banking*
164 **DUANE READE**...*Pharmacies & Drug Stores*
164 **KENT DRY CLEANERS**...*Drycleaning & Laun*
164 **NORTHSIDE PIERS WINES SPRTS**...*Beer W*
164 **RCI PLUMBING**...*Plumbing & Hvac Contrs<*
175 **175 KENT APARTMENTS**...*Lessors Of Resid*
175 **ODD FELLOWS ICE CREAM CO**...*Snack & Non*
178 **MOLE**...*Full-service Restaurants*
184 **184 KENT FEE ILC**...*Offices Of Real Est*
184 **ART FAIRS UNLIMITED LLC**...*Art Dealers<*
184 **HILLSONG NEW YORK CITY LLC**...*Other Gen*
184 **HOME ESSENTIALS**...*Other Nondurable Goo*
184 **JMH DEVELOPMENT LLC**...*Land Subdivision*
184 **JONAS EVERETS DESIGN LLC**...*Display Adv*
184 **KOREAN DELIGHTS LLC**...*Korean Foods*
184 **LANONNA RESTAURANT**...*Full-service Rest*
184 **PURE CLEANERS**...*Drycleaning & Laundry*
184 **QUIK PARK**...*Parking Lots & Garages*
184 **READY AIM RENOVATE INC**...*Residential R*
196 **SOUL CYCLE**...*Fitness & Recreational Sp*
233 **GLEEM INDUSTRIES INC**...*Service Establi*
240 **BROOKLYN'S FINEST REALTY**...*Offices Of*
240 **HEAVENLY EVENT CATERING**...*Caterers*
240 **WILLIAMSBURG MUSIC STUDIO**...*Fine Art S*
245 **CARRIAGE HOUSE PAPER**...*Paper, Except N*
252 **LAU NSON PRODUCE CO IN**...*Fruit & Veget*
261 **RADIAC RESEARCH**...*Industrial Machinery*
261 **RADIAC RESEARCH**...*Federal Government C*
263 **WILLIAMSBURG METAL SPINNING**...*Metal St*
285 **AD HOC F M LLC**...*Nonclassified Establi*
285 **INDIESCREEN**...*Full-service Restaurants*
287 **WINDMILL STUDIOS**...*Photographic Studio*
289 **ATM**...*Commercial Banking*
289 **MS J'S GYMNASTICS**...*Sports & Recreatio*
289 **ROLYN BAXTER**...*Nonclassified Establis*
291 **MERCADO PAN Y ROSAS**...*Full-service Res*
295 **FARCEDES TRADING INC**...*All Other Durab*
295 **YA ZHOU WEN HUA**...*Printers (mfrs)*
295 **YA ZHOU WEN HUA**...*Offices Of Real Esta*

2010
SOURCE: DIGITAL BUSINESS DIRECTORY

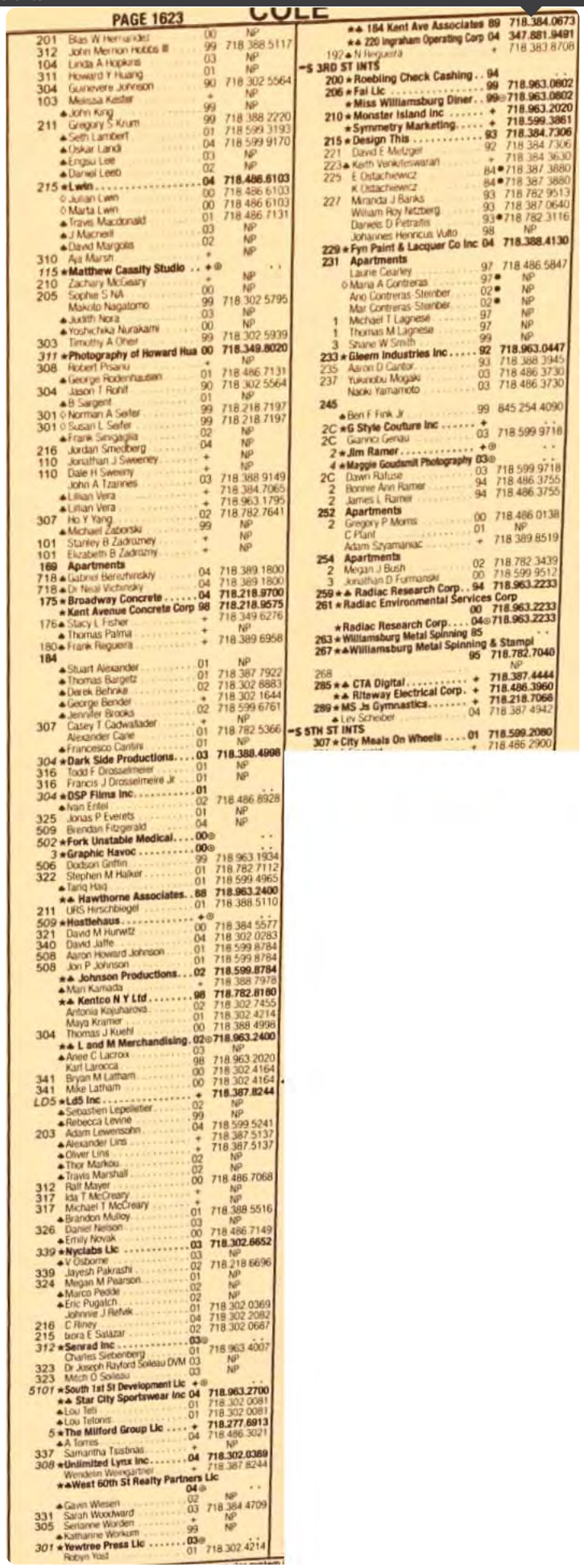
KENT AVENUE

150 **WILLIAMSBURG EDGE LLC**...*Investment Adv*
151 **151 KENT AVENUE CORP**...
151 **DAVID WEISS**...
164 **PLUMBING CONTRACTORS**...*Plumbing & Hvac*
164 **TOLL BROTHERS**...*New Single-family Gene*
184 **CAPITAL INTERIORS CONSTR CORP**...*Interi*
184 **HOME ESSENTIALS**...*Other Nondurable Goo*
184 **NEWMARK CONSTRUCTION SVC LLC**...*New Sin*
210 **KAYROCK SCREEN PRINTING**...*Commercial S*
210 **MOLLUSK SURF SHOP**...*Sporting Goods Sto*
252 **LAU NSON PRODUCE CO IN**...*Fruit & Veget*
261 **RADIAC RESEARCH CORP**...*Other Measuring*
267 **WILLIAMSBURG METAL CORP**...*Metal Stampi*
285 **CEASER CEDILLO RESTAURANT**...*Full-servi*
289 **MITZNEFES OF BROOKLYN INC**...
289 **MS JS GYMNASTICS**...*Sports & Recreation*
295 **PAN ASIA PRINTING CORP**...*Newspaper Pub*
295 **YA ZHOU WEN HUA**...*Offices Of Real Esta*



142 ♣ Matthew Cassity Studio + 718.383.3657
150 ★ Barbara S Naegle + . .
151 ★ Wy The Holding Corp .... 04 . .
★ 8th Street Service Station 03⊙ . .

212 ♣ Marc Athens 02 NP
212 Christopher Baily 04 NP
213 Nicholas M Baily 04 NP
213 James A Berger 04 NP
Sandra C Berger 04 NP
N Bouchard 99 718.486.7941
116 Ronald Castaldo 02 718.302.1685
116 Beau Edmondson 00 NP
107 Robbie Edmondson 00 NP
201 Warren Emanuel 02 NP
309 ★ Etienne Helene 04 . .
203 Cynthia B Friedland 00 718.384.3828
203 Mika J Grady 92 718.384.2648
Pirjo L Grady 92 718.384.2648
♣ Dirk Hartmann 99 NP
115 Ayres Haxton 01 NP
Peter A Heffner 04 NP



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201 Blas W Hernandez 00 NP
312 John Mermon Hobbs III 99 718.388.5117
104 Linda A Hopkins 03 NP
311 Howard Y Huang 01 NP
304 Guinevere Johnson 90 718.302.5564
103 Melissa Kester + NP
♣ John King 99 NP
211 Gregory S Krum 99 718.388.2220
♣ Seth Lambert 01 718.599.3193
♣ Oskar Landi 04 718.599.9170
♣ Engsu Lee 03 NP
♣ Daniel Leeb 02 NP
215 ★ Lwin 04 718.486.6103
◊ Julian Lwin 00 718.486.6103
◊ Marta Lwin 00 718.486.6103
♣ Travis Macdonald 01 718.486.7131
♣ J Macneill 03 NP
♣ David Margolis 02 NP
310 Aja Marsh + NP
115 ★ Matthew Cassity Studio + ⊙ . .
210 Zachary McGeary + NP
205 Sophie S NA 00 NP
Makoto Nagatomo 99 718.302.5795
♣ Judith Nora 03 NP
♣ Yoshichika Nurakami 00 NP
303 Timothy A Oher 99 718.302.5939
311 ★ Photography of Howard Hua 00 718.349.8020
308 Robert Pisanu + NP
♣ George Rodenhausen 01 718.486.7131
304 Jason T Rohlf 90 718.302.5564
♣ B Sargent 01 NP
301 ◊ Norman A Seifer 99 718.218.7197
301 ◊ Susan L Seifer 99 718.218.7197
♣ Frank Sengaglia 02 NP
216 Jordan Smedberg 04 NP
110 Jonathan J Sweeney + NP
110 Dale H Sweeny + NP
John A Tzannes 03 718.388.9149
♣ Lillian Vera + 718.384.7065
♣ Lillian Vera + 718.963.1795
307 Ho Y Yang 02 718.782.7641
♣ Michael Zaborski 99 NP
101 Stanley B Zadrozney + NP
101 Elizabeth B Zadrozny + NP
169 Apartments
718 ♣ Gabriel Berezhinskiy 04 718.389.1800
718 ♣ Dr Neal Vichinsky 04 718.389.1800
175 ★ Broadway Concrete 04 718.218.9700
★ Kent Avenue Concrete Corp 98 718.218.9575
176 ♣ Stacy L Fisher + 718.349.6276
♣ Thomas Palmi + NP
180 ♣ Frank Reguera + 718.389.6958
184
♣ Stuart Alexander 01 NP
♣ Thomas Bargetz 01 718.387.7922
♣ Derek Behnke 02 718.302.8883
♣ George Bender + 718.302.1644
♣ Jennifer Brooks 02 718.599.6761
307 Casey T Cadwallader + NP
Alexander Cane 01 718.782.5366
♣ Francesco Cantini 01 NP
304 ★ Dark Side Productions 03 718.388.4998
316 Todd F Drosselmeier 01 NP
316 Francis J Drosselmeire Jr 01 NP
304 ★ DSP Films Inc 01 . .
♣ Ivan Entel 02 718.486.8928
325 Jonas P Everets 01 NP
509 Brendan Fitzgerald 04 NP
502 ★ Fork Unstable Medical 00⊙ . .
3 ★ Graphic Havoc 00⊙ . .
506 Dodson Griffin 99 718.963.1934
322 Stephen M Halker 01 718.782.7112
♣ Tariq Haq 01 718.599.4965
★♣ Hawthorne Associates 88 718.963.2400
211 URS Hirschbiegel 01 718.388.5110
509 ★ Hostlehaus + ⊙ . .
321 David M Hurwitz 00 718.384.5577
340 David Jaffe 04 718.302.0283
508 Aaron Howard Johnson 01 718.599.8784
508 Jon P Johnson 01 718.599.8784
★♣ Johnson Productions 02 718.599.8784
♣ Mari Kamada + 718.388.7978
★♣ Kentco N Y Ltd 98 718.782.8180
Antonia Kojuharova 02 718.302.7455
Maya Kramer 01 718.302.4214
304 Thomas J Kuehl 00 718.388.4998
★♣ L and M Merchandising 02⊙ 718.963.2400
♣ Anee C Lacroix 03 NP
Karl Larocca 98 718.963.2020
341 Bryan M Latham 00 718.302.4164
341 Mike Latham 00 718.302.4164
LD5 ★ Ld5 Inc + 718.387.8244
♣ Sebastien Legeleiter 02 NP
♣ Rebecca Levine 99 NP
203 Adam Lewensohn 04 718.599.5241
♣ Alexander Lins + 718.387.5137
♣ Oliver Lins + 718.387.5137
♣ Thor Markou 02 NP
♣ Travis Marshall 02 NP
312 Ralf Mayer 00 718.486.7068
317 Ida T McCreary + NP
317 Michael T McCreary + NP
♣ Brandon Mulloy 01 718.388.5516
326 Daniel Nelson 03 NP
♣ Emily Novak 00 718.486.7149
339 ★ Nyclabs Llc 03 718.302.6652
♣ V Osborne 03 NP
339 Jayesh Pakrashi 02 718.218.6696
324 Megan M Pearson 01 NP
♣ Marco Pedde 02 NP
♣ Eric Pugatch 02 NP
Johnnie J Rehak 01 718.302.0369
216 C Riney 04 718.302.2082
215 bora E Salazar 02 718.302.0687
312 ★ Senrad Inc 03⊙ . .
Charles Siebenberg 01 718.963.4007
323 Dr Joseph Rayford Soileau DVM 03 NP
323 Mitch O Soileau 03 NP
5101 ★ South 1st St Development Llc + ⊙ . .
★♣ Star City Sportswear Inc 04 718.963.2700
♣ Lou Teti 01 718.302.0081
♣ Lou Telonis 01 718.302.0081
5 ★ The Milford Group Llc + 718.277.6913
♣ A Torres 04 718.486.3021
337 Samantha Tsistinas + NP
308 ★ Unlimited Lynx Inc 04 718.302.0369
Wendelin Weingartner + 718.387.8244
★♣ West 60th St Realty Partners Llc 04⊙ . .
♣ Gavin Wiesen 02 NP
331 Sarah Woodward 03 718.384.4709
305 Serianne Worden + NP
♣ Katharine Workum 99 NP
301 ★ Yewtree Press Llc 03⊙ . .
Robyn Yost 01 718.302.4214

★♣ 184 Kent Ave Associates 89 718.384.0673
★♣ 220 Ingraham Operating Corp 04 347.881.9491
192 ♣ N Reguera + 718.383.8708

**$ 3RD ST INTS
200 ★ Roebling Check Cashing 94 . .
206 ★ Fal Llc 99 718.963.0802
★ Miss Williamsburg Diner 99⊙ 718.963.0802
210 ★ Monster Island Inc + 718.963.2020
★ Symmetry Marketing + 718.599.3861
215 ★ Design This 93 718.384.7306
David E Metzger 92 718.384.7306
223 ♣ Keith Venkteswaran + 718.384.3630
225 E Ostachewicz 84 ● 718.387.3880
K Ostachewicz 84 ● 718.387.3880
227 Miranda J Banks 93 718.782.9513
William Roy Netzberg 93 718.387.0640
Daniels D Petraitis 93 ● 718.782.3116
Johannes Henricus Vulto 98 NP
229 ★ Fyn Paint & Lacquer Co Inc 04 718.388.4130
231 Apartments
Laurie Cearley 97 718.486.5847
◊ Maria A Contreras 97 ● NP
Ana Contreras-Steinber 02 ● NP
Mar Contreras-Steinber 02 ● NP
1 Michael T Lagnese 97 NP
1 Thomas M Lagnese 97 NP
3 Shane W Smith 99 NP
233 ★ Gleem Industries Inc 92 718.963.0447
235 Aaron D Cantor 93 718.388.3945
237 Yukinobu Mogaki 03 718.486.3730
Naoki Yamamoto 03 718.486.3730
245
♣ Ben F Fink Jr 99 845.254.4090
2C ★ G Style Couture Inc + . .
2C Gianno Genau 03 718.599.9718
2 ★ Jim Ramer + ⊙ . .
4 ★ Maggie Goudsmit Photography 03⊙ . .
2C Dawn Rafuse 03 718.599.9718
2 Bonnie Ann Ramer 94 718.486.3755
2 James L Ramer 94 718.486.3755
252 Apartments
2 Gregory P Morris 00 718.486.0138
C Plant 01 NP
Adam Szyamaiac + 718.389.8519
254 Apartments
2 Megan J Bush 02 718.782.3439
3 Jonathan D Furmanski 00 718.599.9512
259 ★♣ Radiac Research Corp 94 718.963.2233
261 ★ Radiac Environmental Services Corp 00 718.963.2233
★ Radiac Research Corp 04⊙ 718.963.2233
263 ★ Williamsburg Metal Spinning 85 . .
267 ★♣ Williamsburg Metal Spinning & Stampi 95 718.782.7040
268 NP
285 ★♣ CTA Digital + 718.387.4444
★♣ Ritaway Electrical Corp. + 718.486.3960
289 ★ MS Js Gymnastics + 718.218.7068
♣ Lev Schreiber 04 718.387.4942

**$ 5TH ST INTS
307 ★ City Meals On Wheels 01 718.599.2080
+ 718.486.2900

— N 5TH ST INTS
150 Apartments
4 George Kohut . . 70 718-389-2034

150 T Mc Ateer .98 718-389-6432
151 Joshua Anderson - 718-782-0854
Michele Devine H 718-782-6663
Stefan Gesek H 718-599-1067
Brian Gillett H 718-782-8416
Kate Gilroy H 718-384-0959
Carlos Granado H 718-218-9427
Andrew Guda H 718-302-5388
Dirk Hartmann H 718-388-0486
John Hobbs H 718-388-5117
Guenevere Johnson H 718-302-5564
Susannah Keebler H 718-388-0805
John Kiki H 718-384-7728
John King H 718-782-0823
Makoto Nagatomo H 718-302-5795
Timothy OHer H 718-302-5939
David Ostrander - 718-218-7196
P J Robinson H 718-599-1067
Jason Rohlf H 718-302-5564
Jonathan Schofield H 718-486-7941
Michael Schupp H 718-599-7071
D Sikorski H 718-302-4363
Rachel Tischer H 718-218-7197
Michael Zaborski H 718-388-0466
Kevin Zealand H 718-782-1986
★ David Weiss .97 718-782-8314
★ 151 Kent Av Corp H 718-302-2399
★ Spencer Audio .80 718-384-7625
152 Apartments
1 A Axelrod .81 718-389-6030
4 Benjamin F Beil .78 718-389-0771
Frances Gosk .68 718-383-6472
1A W Gosk .78 718-383-4307
Eero Richmond .81 718-389-6030
154 Ivana Bajek H 718-389-0023
R Nicalek .70 718-389-1202
Jerzy Sokol .98 718-389-6442
157 Wozny Andrzej .98 718-389-1937
Waldemar Nietubyc .98 718-389-2697
158 Apartments
1 Mercedes Badillo H 718-389-7225
2 Ivan Kaczmarski .94 718-389-0563
3 Maria Rodriguez .92 718-383-0305
171 Apartments
3R Ginger Hege .86 718-389-6685
3L Genowefa Kiewra .79 718-383-0171
Anna MacEuch .98 718-389-4232
John Strach .63 718-383-6139
Michael Sznajkart .66 718-389-6168
172 Apartments
2 Janusz Czarnota .97 718-389-4160
Helen Huk H 718-383-0856
Martin Hungreder .73 718-383-1054
M Mlynarski .95 718-389-0045
174 Apartments
Michael Ceyko .63 718-383-2691
Andrzej Kossowski .90 718-389-2610
Helen Madden .67 718-389-9162
4L Barbara Obarzanek .95 718-389-8397
Andrzej Przytula .95 718-389-1284
175★ Anthony Concrt Crp 98 718-218-9466
★ Arara Trnsprtn Crp 98 718-387-0998
★ Brklyn Rdy Mix Crp 97 718-782-0900
176 Apartments
Charles A Brenner .64 718-383-6892
4R Piotr Domanski .94 718-383-9652
1 Zigmund Hoynicki .63 718-383-5422
3R E Mattern .85 718-383-5305
Z Pedzwatr .87 718-383-0950
Jerzy Piotrowski .89 718-389-5927
178 Apartments
2R Teresa Deryło .96 718-389-2922
3L Melania Kowalewska 95 718-383-8931
H Maleszewska H 718-389-7203
3L Janina Paluch .98 718-389-9229
Emilia Sadjdlowska H 718-383-6285
Emilia Sarzyniska .98 718-389-9671
2R Miroslawa Sawnska H 718-389-4776
182 Mieczyslaw Gornicz 97 718-389-9895
— N 4TH ST INTS
184 Sawad Brooks H 718-486-3398
Kristin Dombeck H 718-486-3259
Justin Green H 718-388♦3554
Nicholas Griffin H 718-963-6961
Corin Hewitt - 718-388-9453
Mark Jeffery - 718-599-2235
L G Keser H 718-302-1589
D Kinch H 718-388-3296
Karl Larocca - 718-963-2020
Douglas Matlaga - 718-388-3569
Julie Pietrzak H 718-782-0194
Ben Stewart H 718-486-3259
Beth Stryker H 718-486-3398
★ Americorp Eqts Inc 88 718-963-2400
★ Colter Bay .97 718-486-6600
★ Crsatwn Alumn&Gls 98 718-384-5497
★ Fork Unstable MD H 718-384-1401
★ Heavy Cltrl Atbrty H 718-302-3827
★ Home Essentials .94 718-782-6218
★ Jamknits Assocs .86 718-963-1700
★ Julius Youngs HSY 97 718-388-7979
★ Kentco N Y Ltd .97 718-782-8180
★ Kindergarten .98 718-388-6267
★ Pack USA Inc .98 718-218-8200
★ Plaza Carrier Inc .86 718-388-7600
★ Plaza Trucking Co 86 ⊕ 718-388-7600
★ Ramlu Trading Corp 86 718-963-2700
★ Regal Furn Inc .94 718-384-4173
★ Star Cty Sportswr 86 ⊕ 718-963-2700
★ TWA Trading Inc .98 718-599-0331
★ T W A Trading Inc 97 718-782-1200
186 Apartments
1 Maria Midura .98 718-383-2622
Kaise Youichi H 718-383-6824
187★ Black Oak Design 98 718-486-6493
★ M W Fine Woodwork 98 718-599-6310
189 Apartments
2R Jadwiga Chilinska .93 718-383-2869
3L Henryk Karwowski .98 718-389-9355
Lucyna Strycharska .95 718-383-6386
191 Apartments
Janina Klecha .88 718-389-6356
3 Terese Maksimiak .89 718-383-3781
Maria Moradel .98 718-389-0439
Felix Wenski .84 718-389-9373
192 Apartments
1L Krystyna Barbarska .95 718-383-5719
I Butryn .79 718-389-2834
Arkadiusz Chudzik .98 718-383-3926
Janusz Kasprzak .95 718-383-3609
N Regula .98 718-383-8708
193 Apartments
3L Bronislaw Olszowka .94 718-383-3244
1L Z R Siekiera .97 718-383-7996
194 T Youngblood Jr .98 718-383-2403

195 Apartments
3L Grazyna Buczek .90 718-389-7871
John Czuwak .87 718-383-2242
2R M Harboshetsky .71 718-383-2118
Kuzysztof Huba .89 718-389-3285
S Krukowski .66 718-389-3551
196 Alex I Novitskiy .97 718-383-6326
— N 3RD ST INTS
— S 3RD ST INTS
199 Apartments
Sophie Bisorowski .82 718-389-8369
1 Iwona Czyzewska .94 718-383-6929
3R T Idzkowski .98 718-383-1423
Irena Rasik .92 718-389-9558
Thomas Wegel .98 718-383-7579
Joseph Wegel - 718-389-0843
200
Cole Corbin H 718-383-1096
Jan Kozub .87 718-383-3251
2R Scott Reiter .98 718-389-1022
Czeslaw Tokarski .95 718-389-3963
1R Genowefa Wos .95 718-383-7491
★ Crtfd Pub Scl Co 718-387-4400
★ G&R Chk Cshng Crp 80 718-388-8820
201 T Perez .98 718-389-8468
202 Apartments
4L Juan Bedoya .91 718-383-5365
Anthony Jackson - 718-383-2624
3R W Kmak .92 718-389-3575
Michael Morel - 718-389-0998
203 Apartments
3R Janina Chucknow .98 718-389-8543
1L M Jaroszewski .95 718-383-2303
Maria Krysiewicz .91 718-389-1260
204 Apartments
2 Ann Lewicki .70 718-383-9070
1R M Petrowicz .79 718-383-3598
206★ T & S Diner Inc .83 718-388-8220
208 G Truszkowski .97 718-383-4779
Jerzy Truszkowski .97 718-383-5988
209 Timothy Burke H 718-383-4129
210
Jason D Brown H 718-963-1853
Paul Joffe .98 718-486-6050
Paul Joffe .97 718-486-6916
Gerald A Johnson .98 718-963-9152
Jae Lee H 718-387-8379
2 Jason Nunez H 718-963-1949
Lisa Rothenberg .98 718-963-9152
★ Valley Pt Records 98 718-383-4160
211★ Menna & Son Inc 718-388-4171
— METROPOLITAN AVE INTS
212 Robert Romano .86 718-389-4260
213 Apartments
B Casalino .77 718-383-2226
4L Gil Kornelia .83 718-383-5376
B Lojko .96 718-389-9053
John Lojko .65 718-389-6736
M Makola .89 718-389-8637
215 Apartments
2R Lech Arciszewski .84 718-389-7377
E Cicchetti .84 718-389-2665
Miss A Martysheck 70 718-383-5829
219★ Gleem Indstrs Inc 93 718-963-0447
221 John Connolly .92 718-384-1569
David Metzger .92 718-384-7306
Samantha Peale .96 718-599-7745
223 NP
225 E Ostachiewicz .84 ♦ 718-387-3880
227 Miranda J Banks .93 718-782-9513
William Nitzberg .93 718-387-0640
Daniels Petratis .93 718-782-3116
229★ Fyn Pnt&Lacq Wrhs 718-388-4130
231 Garth Belcon H 718-599-4822
Alan Blagg .97 718-218-8747
L Cearley .97 718-486-5847
Anne Kenney .97 718-218♦8747
— N 1ST ST INTS
— S 1ST ST INTS
233★ Gleem Indstrs Inc H 718-302-2022
235 Aaron Cantor .96 718-388-3945
237★ King Collison Inc 95 718-486-6700
240★ York Dsply Fnshg 718-782-0710
245 Benjamin F Fink Jr H 718-486-0781
Holly McDade H 718-486-3755
Allison Smith H 718-486-3755
252 Ofrit Kinar .97 718-388-4590
254 NP
— GRAND ST INTS
261★ Radiac Rsrch Corp 82 718-963-2233
267★ Wmsburg Stmpg Crp 77 718-782-7040
— S 2ND ST INTS
295★ China Dly Dstrbtn 98 718-599-3817
★ China Dly Dstrbtn 97 718-782-8832
★ Haitian Dev Inc .97 718-384-7176
★ Pan-As Entrprss .98 718-388-9053
★ Pan As Printg Crp 98 718-384-8927
— N 12TH ST INTS
331★ Raceco .82 718-782-6636

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	137	Emilia Rudzinska	. .	387-8440
	145 ★	Seymour Mann Inc	.89	
—	N 5TH			
	151 ★	Dynasty Pckgngcrp	.95	218-8100
	★	Spencer Audio	.80	384-7625
	154	E Cilindrello	-	383-4812
—	N 4TH			
	173 ★	Brklyn Rdo Co Inc	.95	782-0900
	178	Michat Ozumaga	¤	389-2922
	184 ★	Americorp Eqts Inc	.88	963-2400
	★	Artbrss Metl Prds	.83	388-1400
	★	Better Wr Mfg Co	.91	387-5400
	★	Home Essentials	.94	782-6218
	★	Ideal Textile	.94	387-7202
	★	Inkwell Office	.91	599-6280
	★	Jam Knits Assocs	.86	963-1700
	★	L & M Mdsng Inc	.86	963-2700
	★	Metro Shipg&Whsng	.89	387-6775
	★	184 Kent Av Assocs	.86	486-6505
	★	Plaza Carrier Inc	.86	388-7600
	★	Plaza Trucking Co	.86 ⊙	388-7600
	★	Ramlu Trading Corp	.86 ⊙	963-2700

	184 ★	Regal Furn Inc	.94	384-4173
	★	Simon Knits	.86	963-1717
	★	Star Cty Sportswr	.86 ⊙	963-2700
—	N 3RD			
	193	Wieslawa Buczek	-	389-8167
		Wouciech Gazda	¤	389-0255
	199	Jolanta Krupej	¤	383-5933
	200 ★	Crtfd Pub Scl Co		387-4400
	★	G&R Chk Cshng Crp	.80	388-8820
	★	Western Union	.91 ⊙	388-8820
	204		NP	
	206 ★	T & S Diner Inc	.83	388-8220
	210	Andrew N Madrid	¤	486-6073
		Beth Rollins	.95	963-1949
		H D Seupel	.93	486-6493
		Jae Soon So	.93	486-5465
	★	M W Fine Woodwork	¤	599-6310
	211 ★	Menna & Son Inc		388-4171
	213	B Lojko	¤	389-9053
—	METROPOLITAN AVE			
	219 ★	Gleem Indstrs Inc	.93	963-0447
	221	John Connolly	.92	384-1569
		David Metzger	.92	384-7306
		Samantha Peale	¤	599-7745
—	38 N 1ST			
	223		NP	
	225	E Ostachiewicz	.84 ●	387-3880
	227	Miranda J Banks	.93	782-9513
		William Nitzberg	.93 ●	387-0640
		Daniels Petraitis	.93	782-3116
	229 ★	Fyn Pnt&Lacq Inc		388-4130
	231	Apartments		
	2	Kurt Schwarz	.95	599-6872
		Gregory Steinberg	.90 ●	599◇2619
	235	Aaron Cantor	-	388-3945
	237 ★	King Collison Inc	.95	486-6700
	240 ★	York Dsply Fnshg		782-0710
	252			
	2FL	Adam E Rusczyk	.70	782-1435
	★	Bertram S Inc	.87	486-6200
	254	K Bachner	.94	599-0593
		Gali Thzadok	.95	599-3590
	261 ★	Radiac Rsrch Corp	.82	963-2233
—	30 GRAND			
	267 ★	Wmsburg Stmpgcrp	.77	782-7040
—	22 S 1ST			
—	30 S 2ND			
	295 ★	Gar Shng Hldng Inc	.92	388-3836
—	17 S 3RD			
—	19 S 4TH			
			.82	782-6636
	331 ★	Raceco	.73	782-4011
	339 ★	Williamsburg Fe	.92	599-1246

B 145 Seymour Mann Inc 387-8440

149
151 N 5TH (SEE 164)

B 151 Continentl Screen Prntng Corp 782-7706
B 151 Fashion Embroidery 599-5133
B 151 Mor-Weiss Industries Inc 782-5928
B 151 Spencer Audio 384-7625
B 151 Strata-Sound Industries Inc 782-5928
B 151 Weiss Mor Industries Inc 782-5928

(SEE 151) N 5TH 162 164

165
167 N 4TH (SEE 180)

B 175 V & M Transfer 387-9244

(SEE 167) N 4TH 178 180

B 184 Americorp Equities Inc 963-2400
B 184 Artbrass Metal Prods Co Inc 388-1400
B 184 B H C Trading Co 599-2829
B 184 Belle Knitting Mills 387-7061
B 184 Jam Knits Assocs 963-1700
B 184 Julius Young's Hosiery Inc 388-7979
B 184 L & M Mdsng Inc 963-2700
B 184 Metro Shipping & Warehousing 387-6775
B 184 184 Kent Av Assocs 486-6505
B 184 Plaza Carrier Inc 388-7600
B 184 Plaza Trucking Co Inc 388-7600
B 184 Ramlu Trading Corp 963-2700
B 184 Simon Knits 963-1717
B 184 Star City Sportswear Inc 963-2700

185
187 N 3RD (SEE 200)

(SEE 187) N 3RD 198 200

(SEE 187) N 3RD 198 200

B 200 Certified Public Scale Co Inc 387-4400
B 200 Gowanus Check Cashing Svce Inc 388-8820
B 200 Western Union—
Consumer Services—
To Pick-Up Or Send Money Or Messages—
Gowanus Check Cashing Svce Inc 388-8820
B 206 T & S Diner Inc 388-8220
210A Wray Randy 486-8382
B 215 Emulsion Systems Inc ... 388-2653

218 METROPOLITAN AV 219

221
223 N 1ST (SEE 234)

223 Schrotter Bruno 384-6336
225 Ostachiewicz E 387-3880
227 Baker Diana 387-2240
227 Grimsted Almon 384-3766
227 Watson Carl 486-8670
B 229 Fyn Paint & Lacquer Co Inc ofc & whse 388-4130
231 Rychlicki Violette 388-0394

231 Steinberg Gregory 599-2619
231 Valor Wnedy 384-6290

232
(SEE 223) N 1ST 234

B 235 Menna & Son Inc
cooprge 388-4171
B 240 York Display Finishg Co
Inc 782-0710
B 245 Roslyn Brothers 388-3299
B 252 Bertram S Inc 486-6200
252 Rusczyk Adam E 782-1435
254 Volka M 384-6296
B 261 Radiac Research Corp .. 963-2233

263 GRAND 264

B 267 Wmsburg Metal Spinning
& Stampg Corp 782-7040

268 S 1ST 269

291 S 2ND 292

B 295 Drakes Fabrics Inc 388-0405

316 S 3RD 317

330 S 4TH 331

B 331 Raceco 782-6636
B 339 Williamsburg Feather

135 Cleaners Sales & Equip Corp 782-2400

142
(SEE 135) NO 6TH 144

149
151 NO 5TH (SEE 164)

151 Continentl Screen Prntng Corp 782-7706
151 Mor-Weiss Industries Inc 782-5928
151 Spencer Audio 384-7625
151 Strata-Sound Industries 782-5928
151 Strata-Sound Industries Inc 782-5928
151 Weiss Mor Industries Inc 782-5928

162
(SEE 151) NO 5TH 164

165
167 NO 4TH (SEE 180)

178

(SEE 167) NO 4TH 180

184 Artbrass Metal Prods Co Inc 388-1400
184 Reliable Cargo Shipping Co Inc 388-2003
184 Solil Corp 782-5310

185
187 NO 3RD (SEE 200)

198
(SEE 187) N 3RD 200

200 Certified Public Scale Co Inc 387-4400
200 Gowanus Check Cashing Svce Inc 388-8820
206 T & S Diner Inc 388-8220
210 Colonial Spice & Extracts Inc 782-4040
215 Emulsion Systems Inc 388-2653

218 METROPOLITAN AV 219

221
223 NO 1ST (SEE 234)

223 Schrotter Bruno 384-6336
223 Schrotter Bruno 387-7812
225 Ostachiewicz E 387-3880
227 Arbona John 388-2040
227 Cosme Hector 384-8271
229 Fyn Paint & Lacquer Co Inc ofc & whse 388-4130
229 Hermann August 387-5956
231 Malinowski Alice 387-6775

232
(SEE 223) NO 1ST 234

235 Menna & Son Inc cooprge 388-4171
240 York Display Finishg Co Inc 782-0710
245 Adelphia Sales Co 387-0715
245 Morris Imports 387-0715
252 Prosperity California Wines Inc 384-3400
252 Rusczyk Adam E 782-1435
254 Volka M 384-6296
259 Beckcel Svce Sta Inc 384-2208
261 Radiac Research Corp 963-2233

263 GRAND 264

267 Wmsburg Metal Spinning & Stampg Corp 782-7040

268 SO 1ST 269

291 SO 2ND 292

295 Drakes Fabrics Inc 388-0405
307 Five Star Beverage Distributing Inc 963-0744
307 Prime Packaging Co 387-5858

(SEE 144)

135 Cleaners Sales & Equip Corp - 782-2400

(SEE 135) NO 6TH 142 144

150 Doric Dstrbtrs Inc ----- 388-5460

149
151 NO 5TH (SEE 164)

151 Continentl Screen Prnting Corp 782-7706
151 Mor-Weiss Industries Inc --- 782-5928
151 Strata-Sound Industries --- 782-5928
151 Strata-Sound Industries Inc - 782-5928
151 Weiss Mor Industries Inc --- 782-5928
154 Artmar Trucking Inc ----- 387-6992

(SEE 151) NO 5TH 162 164

165
167 NO 4TH (SEE 180)

(SEE 167) NO 4TH 178 180

184 Amer Papr Goods Co The --- 388-5900
184 Aris Gloves ----- 782-1223
184 Champion Envelope Mfg Co Inc 388-5900
184 Solil Corp ----- 782-5310

185
187 NO 3RD (SEE 200)

(SEE 187) N 3RD 198 200

200 Certified Public Scale Co Inc - 387-4400
210 Sherman H P Co Inc ----- 782-2200
214 Nepco Termnls Corp ----- 384-4034
214 New England Petroleum Corp - 384-5823
215 Emulsion Systems Inc ---- 388-2653

218 METROPOLITAN AV 219

221
223 NO 1ST (SEE 234)

223 Schrotter Bruno ----- 7

(SEE 223) NO 1ST 232 234

235 Menna & Son Inc - - cooprge - 388-4171
240 York Display Finishg Co Inc - - 782-0710
245 Adelphia Sales Co - - - - - - 387-0715
245 Morris Imports - - - - - - - 387-0715
252 D & Z Bottling Co Inc bevrgs - 388-8871
252 Rusczyk Adam E - - - - - - - 782-1435
252 Staszewski Jos - - - - - - - 782-1519
252 Widlicki Matthew - - bevrges - 388-8871
254 Volka M - - - - - - - - - - 384-6296
259 B H S Svce Sta Inc - - - - - 384-2208
261 Radiac Research Corp - - - - 963-2233

263 GRAND 264

267 Wmsburg Metal Spinning & Stampg Corp - - - - - - - - - - - 782-7040

268 SO 1ST 269

291 SO 2ND 292

295 Evans Enterprises Corp - - - - 384-7283
307 Evan's Enterprises Corp - - - 963-2525

316 SO 3RD 317

330 SO 4TH

135 NO 6th (SEE 144)

135 Cleaners Sales&Equip Corp-----STag 2-2400

142

(SEE 135) NO 6th 144

149

151 NO 5th (SEE 164)

151 Astor Silk Screen Corp ----------387-0096
151 Continental Screen Prntng Corp ----782-7706
151 Flocraft Inc ----------388-0604
151 Isaacs Louis ----------CPA-387-0096
151 Kent Textile Prntng Corp ----------387-0347
151 Lynda Style Creators Inc ----------387-0347
151 Mor-Weiss Furn Corp ----------782-5928
151 Spencer Sofa Bed Inc ----------782-5930
151 Strata-Sound Industries ----------782-5928
152 Dondiego Flour Co -------warehse-EV 7-0226
152 Gosk Walter J ----------EV 3-4307
152 Pendola Barney ----------trukg-EV 7-1577

162

(SEE 151) NO 5th 164

184 Amer Papr Goods Co The ---------388-5900
184 Bklyn Announcement Co Inc -------855-7900
184 Champion Envelope Mfg CoInc -----388-5900
184 Federal Business Products Inc—
Printing Plant ----------782-0300
184 Jewel Papr Prods Corp ----------855-7900
184 Kent Papr CoInc ----------387-9030
184 Ossining Assocs ----------388-5505
184 Pride Paprs-Aaronson Bros Papr
Corp ---------- ST 2-3700
184 Tobler Benj b ----------782-0300
184 Visirecord Inc ---------prntng div 782-7222
184 Williamhouse Sales Corp ---------387-9030

185

187 NO 3rd (SEE 200)

198

(SEE 187) NO 3rd 200

200 Certified Check Cashing Co -------EV 7-4400
200 Certified Public Scale ----------EV 7-4400
200 Fulton Check Cashing Agncy -------388-5285
200 Kocela Paul ----------389-0011
202 Doerbecker John ----------EV 9-6968
204 Sokolowski Anna Mrs ----------383-5350
205 Do-All Chemical Corp ----------388-9090
205 Du-Ev Prods CoInc ----------388-9090
206 Big Ben Diner ----------782-0280
206 Kramer's Diner ----------EV 4-9669
210 Sherman H P Co Inc----------ST 2-2200
214 Nepco Termnls Corp ----------384-4034
214 New England Petroleum Corp ------384-5823
215 Emulsion Systems Inc ----------388-2653

218 METROPOLITAN AV 219

221

223 NO 1st (SEE 234)

223 Szpunar Tadeusz ----------387-7342
225 Kent Av Lunchnet ----------384-9891
227 Kay's Restrnt ----------384-8747
229 Fyn Paint&Lacquer CoInc
ofc&whrse 388-4130
229 Solac Sales Co ----------388-4130
231 Malinowski Alice ----------EV 7-6775
233 Nova Metal Spinning&Stampg Co -ST 2-0044

232

(SEE 223) NO 1st 234

235 Empire Litho Grain&Supl Co Inc ---EV 4-3367
235 Menna&Son Inc ----cooprge 388-4171
240 York Display Finishg Co Inc-------782-0710
245 Adelphia Sales Co ----------387-0715
252 D&Z Bottling Co Inc ----bevrgs EVrg 8-8871
252 Rusczyk Adam E ----------782-1435
252 Staszewski Jos ----------782-1519
252 Widlicki Matthew ---bevrges W5 EVer 8-887
254 Potowicz Anthony ---------- EVrg 7-0051
259 BHS Svce Sta Inc ---------- EV 4-2208
259 BHS Svce Sta Inc ---------- EV 4-9395
261 Radiac Research Corp ----------384-5988

263 GRAND 264

268 SO 1st 269

291 SO 2nd 292

295 Evan's Papr&Restrnt Supl Corp-----384-4300
295 Walman-Berman&Co Inc ----------384-7283

316 SO 3rd 317

316 Automatic Retailers of Amer -------384-8079

133 ----------384-9017

135 NO 6th

135 Cleaners Sales&Equip Corp-----STag 2-2400 (SEE 144)

(SEE 135) 142

149 NO 6th 144

151 NO 5th

151 Kent Termnl Corp ----------384-9489 (SEE 164)
151 Mor-Weiss Furn Corp ----------782-5928
151 Spencer Sofa Bed Inc ----------782-5930
152 Dondiego Flour Co -------warehse EV 7-0226
152 Gosk Walter J ----------EV 3-4307
152 Pendola Barney ----------trukg EV 7-1577

(SEE 151) 162

NO 5th 164

165

167 NO 4th (SEE 180)

178

(SEE 167) NO 4th 180

184 Amer Papr Goods Co The ---- EV 8-5900
184 Champion Envelope Mfg Co Inc -- EVrg 8-5900
184 Empire City Converters ---- STag 2-3700
184 Federal Business Products Inc—
Printing Plant ---- ST 2-0300
184 Kent Papr Co Inc ---- EV 7-9030
184 Pride Paprs-Aaronson Bros Papr
Corp ---- ST 2-3700
184 Reynolds John J Inc ----rl est EVrg 8-9628
184 Tobler Benl b ---- STag 2-0300
184 Visirecord Inc ----prntng div 782-7222
184 Williamhouse Sales Corp ---- EV 7-9030

185

187 NO 3rd (SEE 200)

193 Sutherland Donald Truckg CoInc ---387-5822

198

(SEE 187) NO 3rd 200

200 Certified Check Cashing Co ---- EV 7-4400
200 Certified Public Scale ---- EV 7-4400
202 Doerbecker John ---- EV 9-6968
206 Kent Diner ---- 384-9669
206 Kramer's Diner ---- EV 4-9669
210 Sherman H P Co Inc ----ZO STag 2-2200
214 Nepco Termnls Corp ---- 384-4034
214 New England Petroleum Corp ---- 384-5823

218 METROPOLITAN AV 219

219 Tuomey J ----truk repr svce- EV 7-0859

221

221 Loyal Broom Co ----mfg ST 2-4285

223 NO 1st (SEE 234)

225 Kent Av Lunchnet ---- 384-9891
227 Kay's Restrnt ---- 384-8747
229 Feinstein Herman ----laqrs&syns- EVrg 8-4130
229 Fyn Paint&Lacquer Co Inc
ofc&wrhse- EVrg 8-4130
229 Solac Sales Co ---- EVrg 8-4130
231 Malinowski Alice ---- EVrg 7-6775
233 Nova Metal Spinning&Stampg Co -ST 2-0044

232

NO 1st 234

232

(SEE 223) NO 1st 234

235 Empire Litho Grain&Supl Co Inc ---EV 4-3367
237 Langdon Truck Lines Inc ---- EV 4-2104
240 Point of Purchase Designs Inc---- EVrg 4-1896
240 York Display Finishing Co Inc ---- ST 2-0710
252 D&Z Bottling Co Inc ----bevrgs- EVrg 8-8871
252 Potocki John ---- EVrg 4-0669
252 Widlicki Matthew ---- EV 4-2412
252 Widlicki Matthew ---bevrges W5 EVer 8-8871
254 Potowicz Anthony ---- EVrg 7-0051
259 BHS Svce Sta Inc ---- EV 4-2208
259 BHS Svce Sta Inc ---- EV 4-9395

263 GRAND 264

263 Hemisphere Steel Prods Corp ----EVrg 8-6705
263 Port-A-Wall Office Partitions---EVrg 8-6705
263 Scot-Walls ---- EVrg 8-6705

268 SO 1st 269

291 SO 2nd 292

291 VanBrunt Riverview Tavern Inc ----EV 7-0905
295 Walman-Berman&CoInc ---- EV 4-7283
305 Evan's Papr&Restrnt Supl Corp ----EV 4-4300

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133 (SEE 135)
135 NO 6th
135 Cleaners Sales&Equip Corp-----STag 2-2400
142 NO 6th 144
(SEE 135)
149 (SEE 164)
151 NO 5th
151 Sayco Doll Corp—
Factory ----------EVrg 4-1215
152 Gosk Walter J ----------D9 EVrg 3-4307
162 NO 5th 164
(SEE 151)
165 (SEE 180)
167 NO 4th
178 Parfomak Michl M ----------EVrg 3-4684
178 NO 4th 180
(SEE 167)
184 Aaronson Bros Papr Corp -------STag 2-3700
184 Amer Papr Goods Co The-------EVrg 8-5901
184 Campomat Rubber Co Inc ------STag 2-9000
184 Champion Envelope Mfg Co Inc---EVrg 8-5901
184 Danziger Celia ---------envlps EVrg 8-5901
184 Empire City Converters ------STag 2-3700
184 Federal Business Prods Inc
prntng STag 2-0300
184 Protek-Kote Distributrs Inc -----STag 2-9000
184 Reynolds John J Inc ------rl est EVrg 8-9628
184 Ritz Bess ----------envlps EVrg 8-5901
184 Tobler Benj b ----------STag 2-0300
184 Weinberger Herbert M ---envlps EVrg 8-5901
185 (SEE 200)
187 NO 3rd
198 NO 3rd 200
(SEE 187)
200 Bway Sales ----------svce sta EVrg 4-8996
205 Bway Iron&Pipe Corp----------EVer 8-1626
205 Kent Steel Fabricating Corp ----EVrg 8-1626
205 Metro Steel ProdsCorp--------EVrg 8-1626
205 Schreer Hyman ---Iron&pipe-D8 EVrg 8-1626
205 World Pipe&Column Corp----D9 EVrg 8-1626
206 Milt&Ben Diner ----------EVrg 4-9054
210 Sherman H P Co Inc -------Z0 STag 2-2200

KENT AV

214 Samuel Chas J----Iron&steel S4 EVer 8-4880
214 Samuel M&Sons --scrap iron W1 EVer 8-4880
214 Samuel Sons Iron&Steel Co --S4 EVer 8-4880
218 METROPOLITAN AV 219
221 Service Broom Co --------W9 EVer 8-0108
221
223 NO 1st (SEE 234)
223 Szczygielski Frances --------EVrg 4-6932
225 Kent Av Lunchnet----------EVrg 4-9891
227 Aviles Raymond ----------EVrg 4-1354
227 T&D Hideaway Bar&Restrnt ----EVrg 4-9366
229 Feinstein Herman ----laqrs&syns EVrg 8-4130
229 Fyn Paint&Lacquer Co Inc
ofc&wrhse EVrg 8-4130
229 Solac Sales Co----------EVrg 8-4130
231 Kolacki Roberta A ----------EVrg 7-0542
231 Malinowski Alice ----------EVrg 7-6775
232
(SEE 223) NO 1st 234
235 Litho Grain For Offset Inc ----EVrg 4-3367
237 Star Furn Prods Co ----------EVrg 7-2022
240 Point of Purchase Designs Inc----EVrg 4-1896
240 York Display Finishing Co ---Z0 STag 2-0710
252 D&Z Bottling Co Inc----------EVer 8-8871
252 Potocki John ----------EVrg 4-0669
252 Widlicki Matthew ---bevrges W5 EVer 8-8871
252 Zmyrko Vincent ----bevrges-W2 EVer 8-8871
254 Potowicz Anthony ---------- EVrg 7-0051
259 BHS Svce Sta Inc----------EVrg 4-8607
263 GRAND 264
263 Hemisphere Steel Prods Corp --- EVrg 8-6705
263 Port-A-Wall Office Partitions---EVrg 8-6705
263 Scot-Walls ---------- EVrg 8-6705
268 SO 1st 269
291 SO 2nd 292
293 Van Brunt Riverview Tavern Inc--EVer 4-8197
316 SO 3rd 317
329 Lopat's Domino Bar ---------EVrg 4-9466
330 SO 4th 331

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129 Salepa Edw R ---------- EVer 8-4579
131 Menikos Restrnt Inc ---------- EVrg 4-9720
131 Williams H ---------- EVrg 4-6256

133 142 NO 6th 135 144

KENT AV

151 Sayco Doll Corp ---------- EVer 4-1215
151 Tru Life Toys Inc ---------- Z0 EVrg 4-1215
152 Gosk Walter J ---------- D9 EVrg 3-4307

149 162 NO 5th 151 164

157 180

165 178 NO 4th

184 Austin Nichols&Co-wines liqrs main ofc&warehse-W8 EVer 7-2400
Order Dept ---------- J8 EVrg 7-2400
Apollinaris Div ---------- J8 EVrg 7-2424
184 Campomat Rubber Co Inc ---------- STag 2-9000
184 Campos Jules Inc ---------- STag 2-9000
184 Lehigh Warehouse Corp of Bklyn -- EVer 7-9580
184 Lehigh Warehouse&Transportation Co EVrg 7-9580
184 Protek-Kote Distributrs Inc ---------- STag 2-9000
184 Serv-Rite Transptn Co ---------- J9 EVrg 7-9580
198 McCarthy Thos F ---------- off-W3 EVer 7-2400
199 Austin Nichols&Co ---------- NL-STag 2-7300

185 198 NO 3rd 187 200

200 Kent Super Svce Sta ---------- EVer 4-8996
205 Bway Iron&Pipe Corp ---------- EVer 8-1626
205 Metro Steel ProdsCorp ---------- EVrg 8-1626
205 Schreer Hyman ---Iron&pipe- D8 EVrg 8-1626
205 World Pipe&Column Corp ---- D9 EVrg 8-1626
206 Ohio Diner ---------- Z0 EVrg 4-8915
210 Sherman H P Co Inc ---------- Z0 STag 2-2200
214 Samuel Chas J ----iron&steel- S4 EVer 8-4880
214 Samuel M&Sons --scrap iron- W1 EVer 8-4880
214 Samuel Sons Iron&Steel Co --- S4 EVer 8-4880

218 219

METROPOLITAN AV

221 Service Broom Co ---------- W9 EVer 8-0108
223 Szczygielski Frances ---------- EVrg 4-6932
225 Szczygielski Frances Mrs-statnry EVrg 4-8097
225 Valentin Wm ---------- STag 2-9777
227 Bob's Kent Riverview Bar ---------- EVrg 4-9366
229 Fabrics Finishes ---------- EVrg 4-6153
229 Hansa Chemcl Co ---------- EVrg 4-6153
229 Metal Powdrs Co ---------- EVrg 4-5080
229 Metal Powdrs Co ---------- EVer 7-1790
229 Processed Chemcl&Coatings Corp -- EVer 7-1790
231 Malinowski Alice ---------- EVrg 7-6775

221 232 NO 1st 223 234

For Offset Inc ---- EVrg 4-3367
STag 2-7978

229 Metal Powdrs Co ---------- EVer 7-1790
229 Processed Chemcl&Coatings Corp -- EVrg 7-6775
231 Malinowski Alice ---------- EVrg 7-6775

223 234
NO 1st
221 232

235 Litho Grain For Offset Inc ---- EVrg 4-3367
237 Liebros Casting Co Inc ---------- STag 2-7978
240 Electric Cable Co ---------- STag 2-0245
240 Lectroloid Corp ----------Z0 STag 2-0245
240 York Display Finishing Co ---Z0 STag 2-0710
252 D&Z Bottling Co Inc ---------- EVer 8-8871
252 Potocki John ---------- EVrg 4-0669
252 Widlicki Matthew ---bevrges-W5 EVer 8-8871
252 Zmyrko Vincent ----bevrges-W2 EVer 8-8871
254 Potowicz Anthony ---------- EVrg 7-0051
259 Kent Svce Centr Inc ---------- EVrg 4-8607

264
GRAND
263

263 Hemisphere Steel Prods Corp ---- EVrg 8-6705

269
SO 1st
268

292
SO 2nd
291

293 Van Brunt Riverview Tavern Inc-- EVer 4-8197

317
SO 3rd
316

329 Lopat's Domino Bar ---------- EVrg 4-9466

331
SO 4th

129 Salepa Edw R ---------- EVrg 4-9720
131 Stockfisch Geo ------restrnt-D4 EVrg 7-1020
135 Genl Elec Supl Co ---------- EVrg 7-1020

135 144
NO 6th
133 142

161 164
NO 5th
149 162

151 Sayco Doll Corp ----------Z0 EVrg 4-1215
151 Tru Life Toys Inc ----------Z0 EVrg 4-1215
152 Gosk Walter J ----------D9 EVrg 3-4307

167 180
NO 4th
165 173

184 Austin Nichols&Co-wines liqrs
main ofc&warehse-W8 EVer 7-2400
Order Dept ----------J8 EVrg 7-2400
Apollinaris Div ----------J8 EVrg 7-2424
184 Campomat Rubber Co Inc ------ EVrg 4-7585
184 Campos Jules Inc ----------Z0 EVrg 4-7585
184 Lehigh Warehouse Corp of Bklyn
D9 EVrg 7-9580
184 Lehigh Warehouse&Transportation Co
EVrg 7-9580
184 Lubald Co -------warehouse-D8 EVrg 7-9580
184 Serv-Rite Transptn Co ------J9 EVrg 7-9580
184 Taylor Jos Trucking Corp----D7 EVrg 8-7837
198 McCarthy Thos F ------off-W3 EVer 7-2400

187 200
NO 3d
185 198

200 Kent Super Svce Sta -------J1 EVer 4-8996
205 Bway Iron&Pipe Corp ------D8 EVrg 8-1626
205 Metro Steel ProdsCorp-------- EVrg 8-1626
205 Schreer Hyman --Iron&pipe-D8 EVrg 8-1626
205 World Pipe&Column Corp----D9 EVrg 8-1626
206 Ohio Diner ----------Z0 EVrg 4-8915
210 Sherman H P Co Inc --------Z0 STag 2-2200
210 Sherman Herbert b --------Z0 STag 2-2200
214 Samuel Chas J----Iron&steel S4 EVer 8-4880
214 Samuel M&Sons --scrap Iron-W1 EVer 8-4880
214 Samuel Sons Iron&Steel Co---S4 EVer 8-4880

203 220
201 218 METROPOLITAN AV

219 FEB Rag Dealers Inc ---------- STag 2-7808
221 Service Broom Co ---------W9 EVer 8-0108
225 Dylewski F --------statnry-W7 EVer 4-7710
225 Dylewski Josephine V ---------- STag 2-7308
225 Dylewski Millie ----------J9 EVrg 8-5116
227 Chelak Steve -------restrnt-D4 EVrg 4-9401
227 Franchak Pearl ---------- STag 2-3222
227 Two Twenty Seven Kent Riverview Bar Inc
EVrg 4-9466
229 Metal Powdrs Co ----------J9 EVrg 7-1790

KENT AV

229 Processed Chemcl&Coatings Corp A EVrg 7-1190

223 234

221 232 NO 1st

240 Artoys Inc ----------Z0 STag 2-1813
240 Electric Cable Co----------EVrg 4-1945
240 Lectroloid Corp ----------Z0 STag 2-0245
240 York Display Finishing Co ---Z0 STag 2-0710
252 D&Z Bottling Co Inc -------D6 EVrg 8-8871
252 Widlicki Matthew ---bevrges W5 EVer 8-8871
252 Zmyrko Vincent ----bevrges W2 EVer 8-8871

263 264

251 254 GRAND

259 Kent Svce Centr Inc ---------EVrg 4-8607
263 Hemisphere Steel Prods Corp ----EVrg 8-6705
263 Hemisphere Steel Prods Corp----STag 2-0257

291 293

289 294 SO 2d

293 Van Brunt Riverview Tavern Inc--EVrg 4-8197
307 Kreamer A Inc ---------tinware EVer 8-4787

316 317

SO 3d

117 126

131 Stockfisch Geo ------restrnt D4 EVrg 4-9720
135 Korle Inc ----closet accesrs D3 EV er 7-8230

135 144

133 142 NO 6th

151 Genl Box Co Inc ----------EVer 8-1551

161 164

149 162 NO 5th

167 180

168 178 NO 4th

184 Austin Nichols & Co wines liqrs main ofc & warehse W8 EV er 7-2400
184 Austin Nichols&Co wines&liqrs order dept W8 EV er 7-2400
184 Kent Transptn & Warehouse Corp S9 EV er 7-2400
184 Lehigh Warehouse & Transptn Co Inc S9 EV er 7-9580
184 Taylor Jos .....trukng W9 EV er 8-7837
198 Brown Jas D.....off W3 EV er 7-2400
198 McCarthy Thos F .....off W3 EV er 7-2400

187 200

186 198 NO 3d

200 Kent Super Svce Sta.....J1 EV er 4-8996
205 Bway Iron&Pipe Corp.....J2 EV er 8-1626
205 Schreer Herman Iron&pipe J2 EV er 8-1626
206 Kushin V Miss.....lunch W7 EV er 4-7088
212 French Import Co ..... W8 EV er 8-0550
212 Homaifun Co seasoning mfr W8 EV er 8-0550
212 Kent Food Corp ----------grocrs EVer 8-0550
214 Samuel Chas J Iron & steel S4 EV er 8-4880
214 Samuel M & Sons scrap iron W1 EV er 8-4880
214 Samuel Sons Iron & Steel Co S4 EV er 8-4880

203 220

201 218 METROPOLITAN AV

221 Service Broom Co .....W9 EV er 8-0108
223 Chereck Theo K----------D4 EVrg 7-6138
225 Dylewski F .....statnry W7 EV er 4-7710
227 Chelak Steve -------restrnt D4 EVrg 4-9401

233 234

231 232 NO 1st

236 F ---------- NP
240 York Display Finishing Co Inc-D5 EVrg 4-7712
252 D & Z Bottling Co .....W1 EV er 8-8871
252 Widlicki Matthew ..bevrges W5 EV er 8-8871
252 Zmyrko Vincent ...bevrges W2 EV er 8-8871

253 256

251 254 GRAND

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289 290 SO 2d 291 292

293 Sapega Sam .....restrnt W7 EV er 4-8197
307 Kreamer A Inc --------timware EVer 8-4787

314 318

.....restrnt W7 EV er 4-9252
135 Clusa Svce Inc .....ins W8 EV er 8-0065
135 Eastern Cooperative League W8 EV er 8-0065
135 Eastern Cooperative Wholesale Inc
W8 EV er 8-0065

133 142 NO 6th 136 144

151 Genl Box Co Inc.....S7 EV er 8-1551

149 162 NO 6th 151 164

165 178 NO 4th 167 180

184 Austin Nichols & Co wines liqrs
main ofc & warehse W8 EV er 7-2400
184 Austin Nichols&Co wines&liqrs
order dept W8 EV er 7-2400
198 Brown Jas D .....off W3 EV er 7-2400
198 McCarthy Thos F .... off W3 EV er 7-2400

185 198 NO 3d 187 200

205 Fust R .....restrnt W8 EV er 4-6802
206 Kushin V Miss.....lunch W7 EV er 4-7088
211 Bway Iron & Pipe Corp..W7 EV er 8-1626
211 Schreer Herman Iron pipe W7 EV er 8-1626
212 French Import Co .....W8 EV er 8-0550
212 Homaifun Co seasoning mfr W8 EV er 8-0550
212 Kent Food Corp grocrs W5 EV er 8-0550
214 Samuel Chas J Iron & steel S4 EV er 8-4880
214 Samuel M & Sons scrap Iron W1 EV er 8-4880
214 Samuel Sons Iron & Steel Co
S4 EV er 8-4880

201 218 METROPOLITAN AV 203 220

225 Dylewski F .....statnry W7 EV er 4-7710
227 Uses L .....restrnt W7 EV er 4-6836
229 Waste Material Workers Union
Local 1120 S8 EV er 4-7794

221 232 NO 1st 223 234

240 Fischer Chas Spring Co
main ofc S8 EV er 8-1100
240 Fischer Spring Co main ofc S8 EV er 8-1100
240 Fisher Chas Spring Co
main ofc S8 EV er 8-1100
244 Thompson S P .....S7 EV er 8-4347
248 Central Vermont Terminal Inc
railway W6 EV er 8-9798
248 Seaman Trucking Co
Northside term W3 EV er 8-9798
252 D & Z Bottling Co .....W1 EV er 8-8871
252 Widlicki Matthew . bevrges W5 EV er 8-8871
252 Zmyrko Vincent . . bevrges W2 EV er 8-8871

251 254 GRAND 253 256

261 De Zego Jas .....W1 EV er 8-5961

267 SO 1st 269

289 290 SO 2d 291 292

293 Sapega Sam .....restrnt W7 EV er 4-8197
295 Amer Auto Wrecking Co...W8 EV er 4-8698
295 Borden Louis&Sons
auto wreckrs W8 EV er 4-8698
307 Kreamer A Inc. . . .timware W1 EV er 8-4787

314 318

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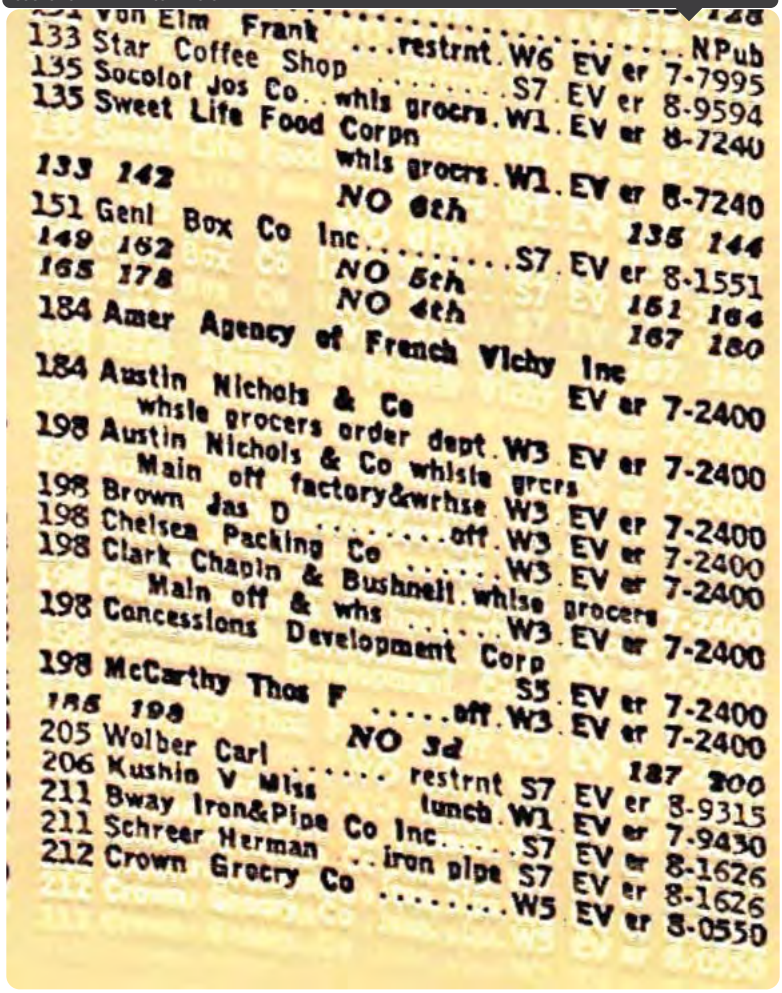
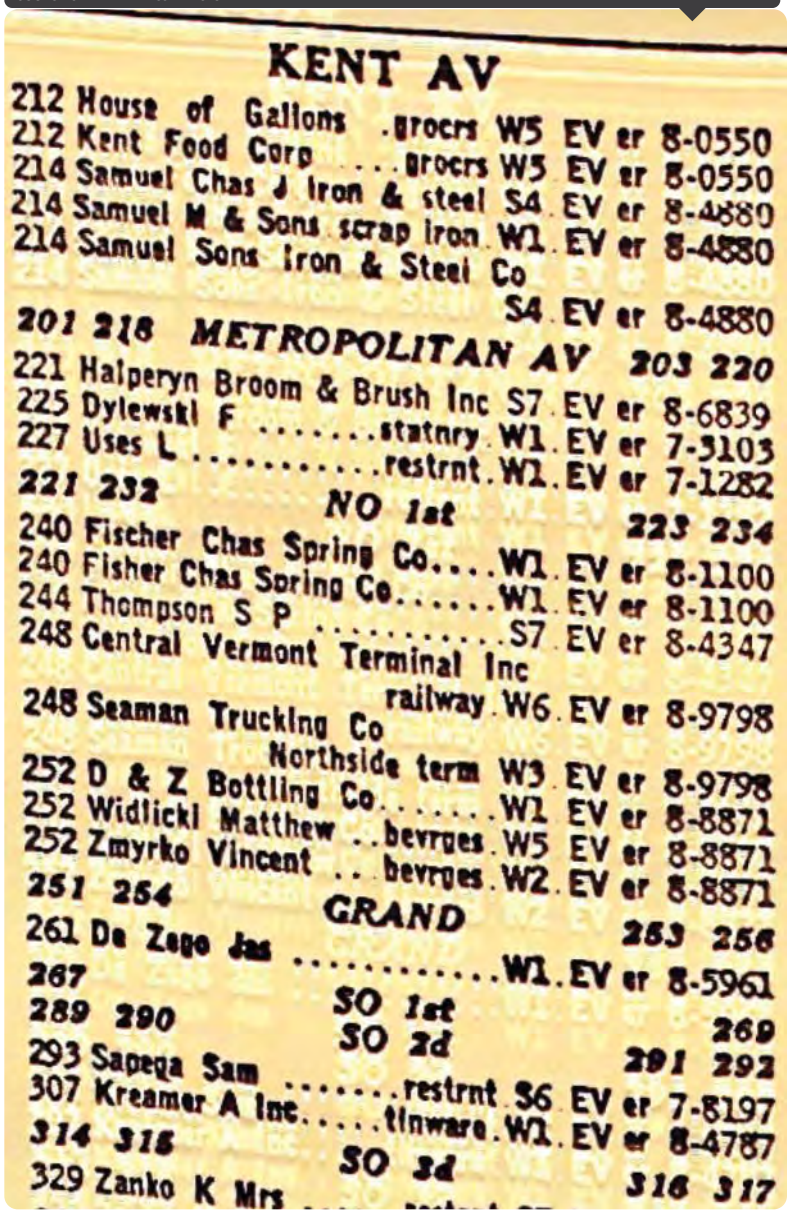


Von Elm Frank ....NPub
133 Star Coffee Shop ...restrnt W6 EV er 7-7995
135 Socolof Jos Co ....S7 EV er 8-9594
135 Sweet Life Food Corpn whls grocrs W1 EV er 8-7240
133 142 NO 6th
151 Genl Box Co Inc ....S7 EV er 8-7240
149 162 135 144
165 178 NO 5th S7 EV er 8-1551
184 Amer Agency of French Vichy Inc NO 4th 161 164
184 Austin Nichols & Co whsle grocers order dept W3 EV er 7-2400 167 180
198 Austin Nichols & Co whisle grcrs Main off factory&wrhse W3 EV er 7-2400
198 Brown Jas D ....off W3 EV er 7-2400
198 Chelsea Packing Co ....W3 EV er 7-2400
198 Clark Chapin & Bushnell whlse grocers Main off & whs ....W3 EV er 7-2400
198 Concessions Development Corp S5 EV er 7-2400
185 199 ....off W3 EV er 7-2400
205 Wolber Carl NO 3d 187 200
206 Kushin V Miss ....restrnt S7 EV er 8-9315
211 Bway Iron&Pipe Co Inc lunch W1 EV er 7-9430
211 Schreer Herman ..iron pipe S7 EV er 8-1626
212 Crown Grocry Co ....W5 EV er 8-0550



KENT AV
212 House of Gallons .grocrs W5 EV er 8-0550
212 Kent Food Corp ....grocrs W5 EV er 8-0550
214 Samuel Chas J Iron & steel S4 EV er 8-4880
214 Samuel M & Sons scrap iron W1 EV er 8-4880
214 Samuel Sons Iron & Steel Co S4 EV er 8-4880
201 218 METROPOLITAN AV 203 220
221 Halperyn Broom & Brush Inc S7 EV er 8-6839
225 Dylewski F ....statnry W1 EV er 7-3103
227 Uses L ....restrnt W1 EV er 7-1282
221 232 NO 1st 223 234
240 Fischer Chas Spring Co....W1 EV er 8-1100
240 Fisher Chas Spring Co....W1 EV er 8-1100
244 Thompson S P ....S7 EV er 8-4347
248 Central Vermont Terminal Inc railway W6 EV er 8-9798
248 Seaman Trucking Co Northside term W3 EV er 8-9798
252 D & Z Bottling Co....W1 EV er 8-8871
252 Widlicki Matthew ..bevrges W5 EV er 8-8871
252 Zmyrko Vincent ..bevrges W2 EV er 8-8871
251 254 GRAND 253 256
261 De Zego Jas ....W1 EV er 8-5961
267 SO 1st 269
289 290 SO 2d 291 292
293 Sapega Sam ....restrnt S6 EV er 7-8197
307 Kreamer A Inc....tinware W1 EV er 8-4787
314 315 SO 3d 316 317
329 Zanko K Mrs

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--- END REPORT ---

APPENDIX B-5: Title Search Records (No Documents Are Associated With This Appendix)

APPENDIX C-1: Regulatory Records - Mapped Database

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Two Trees Management Company* *87 River Street,105 River Street and an unaddressed parcel on West 1st Street.* *Brooklyn NY 11249*
Project No:	*R19-5753*
Report Type:	*Database Report*
Order No:	*20190822112*
Requested by:	*Nova Group, GBC*
Date Completed:	*August 28, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property:	*Two Trees Management Company* *87 River Street,105 River Street and an unaddressed parcel on West 1st Street.* *Brooklyn NY 11249*
Project No:	*R19-5753*

Coordinates:

Latitude:	*40.717976*
Longitude:	*-73.965877*
UTM Northing:	*4,507,964.75*
UTM Easting:	*587,341.71*
UTM Zone:	*UTM Zone 18T*

Elevation: *9 FT*

Order Information:

Order No:	*20190822112*
Date Requested:	*August 22, 2019*
Requested by:	*Nova Group, GBC*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials Photographs*
City Directory Search	*CD - 2 Street Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	.5	0	0	0	0	-	0
SEMS	Y	.5	0	1	0	0	-	1
SEMS ARCHIVE	Y	.5	0	0	0	3	-	3
ODI	Y	.5	0	0	0	0	-	0
CERCLIS	Y	.5	0	1	0	3	-	4
IODI	Y	.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	.5	0	0	0	3	-	3
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	1	0	0	0	1
RCRA TSD	Y	.5	0	1	0	0	-	1
RCRA LQG	Y	.25	0	3	6	-	-	9
RCRA SQG	Y	.25	0	2	1	-	-	3
RCRA CESQG	Y	.25	0	2	4	-	-	6
RCRA NON GEN	Y	.25	0	22	46	-	-	68
FED ENG	Y	.5	0	0	0	0	-	0
FED INST	Y	.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	1	2	-	-	-	3
FED BROWNFIELDS	Y	.5	0	0	0	0	-	0
FEMA UST	Y	.25	0	0	0	-	-	0
REFN	Y	.25	0	0	0	-	-	0
BULK TERMINAL	Y	.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
State								
HSWDS	Y	1	0	0	0	9	2	11
SHWS	Y	1	0	1	1	5	12	19
DSHW	Y	1	0	0	0	0	0	0
VAPOR	Y	1	0	0	0	0	0	0
SWF/LF	Y	.5	0	7	5	6	-	18
LST	Y	.5	0	5	3	27	-	35
DELISTED LST	Y	.5	0	0	0	0	-	0
UST	Y	.25	0	6	14	-	-	20
AST	Y	.25	0	6	11	-	-	17
DELISTED TANKS	Y	.25	0	4	2	-	-	6
TANKS	Y	.25	0	1	1	-	-	2
CBS	Y	.25	0	1	0	-	-	1
MOSF	Y	.5	0	2	1	1	-	4
ENG	Y	.5	0	0	1	3	-	4
INST	Y	.5	0	1	1	4	-	6
VCP	Y	.5	0	1	0	3	-	4
ERP	Y	.5	0	1	0	0	-	1
BROWNFIELDS	Y	.5	0	2	2	11	-	15
Tribal								
INDIAN LUST	Y	.5	0	0	0	0	-	0
INDIAN UST	Y	.25	0	0	0	-	-	0
DELISTED ILST	Y	.5	0	0	0	0	-	0
DELISTED IUST	Y	.25	0	0	0	-	-	0
County								
CORTLAND TANKS	Y	.25	0	0	0	-	-	0
NASSAU TANKS	Y	.25	0	0	0	-	-	0
ROCKLAND TANKS	Y	.25	0	0	0	-	-	0
SUFFOLK TANKS	Y	.25	0	0	0	-	-	0
WSTCHST TANKS	Y	.25	0	0	0	-	-	0
DELISTED COUNTY	Y	.25	0	0	0	-	-	0
<u>Additional Environmental Records</u>								
Federal								
PFAS NPL	Y	.5	0	0	0	0	-	0
FINDS/FRS	Y	PO	0	6	-	-	-	6
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	.5	0	0	0	0	-	0
HMIRS	Y	.125	0	0	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
NCDL	Y	.125	0	0	-	-	-	0
TSCA	Y	.125	0	0	-	-	-	0
HIST TSCA	Y	.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	.5	0	0	0	0	-	0
ICIS	Y	PO	0	7	-	-	-	7
FED DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED FED DRY	Y	.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	.25	0	0	0	-	-	0
ALT FUELS	Y	.25	0	3	3	-	-	6
SSTS	Y	.25	0	0	0	-	-	0
PCB	Y	.5	0	1	0	0	-	1
State								
MGP	Y	1	0	0	0	1	2	3
NY SPILLS	Y	.125	5	65	-	-	-	70
PFAS	Y	.5	0	0	0	1	-	1
DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	.25	0	0	0	-	-	0
NY MANIFEST	Y	.125	0	0	-	-	-	0
REC MANIFEST	Y	.25	0	2	0	-	-	2
GEN MANIFEST	Y	.125	1	44	-	-	-	45
TIER 2	Y	.125	0	3	-	-	-	3
Tribal	***No Tribal additional environmental record sources available for this State.***							
County								
E DESIGNATION	Y	.125	0	26	-	-	-	26
Total:			7	230	102	80	16	435

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	NY SPILLS	FACILITY	87 RIVER ST BROOKLYN NY	-	0.00 / 0.00	-1	86
			Site ID | Close Date: *554977 | 2017-09-11 00:00:00*				
1	NY SPILLS	LINE FAILURE	87 RIVER ST/ METRO AVE BROOKLYN NY	-	0.00 / 0.00	-1	86
			Site ID | Close Date: *463409 | 2012-06-15 00:00:00*				
2	GEN MANIFEST	CONSOLIDATED EDISON	METROPOLITAN & RIVER AVE BROOKLYN NY	-	0.00 / 0.00	1	87
3	ERNS		105 RIVER ST. BROOKLYN NY	-	0.00 / 0.00	-9	88
3	NY SPILLS	TANK FARM	105 RIVER ST BROOKLYN NY	-	0.00 / 0.00	-9	90
			Site ID | Close Date: *458444 | 2012-08-23 00:00:00*				
3	NY SPILLS	EAST RIVER	105 RIVER ST BROOKLYN NY	-	0.00 / 0.00	-9	90
			Site ID | Close Date: *460981 | 2012-05-04 00:00:00*				
3	NY SPILLS	EXCAVATION	105 RIVER ST BROOKLYN NY	-	0.00 / 0.00	-9	91
			Site ID | Close Date: *460965 | 2012-02-24 00:00:00*				

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
4	CBS	NEW YORK POWER AUTHORITY-KENT	NORTHWEST CORNER OF NORTH 1ST & RIVER BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 341794 | Active	S	0.00 / 8.12	3	92
4	FINDS/FRS	NY POWER AUTH - 1ST & GRAND SITE	N 1ST ST & RIVER ST BROOKLYN NY 11211	S	0.00 / 8.12	3	92
4	FINDS/FRS	N 1ST STREET PLANT	NORTH 1ST ST & RIVER ST BROOKLYN NY 11211	S	0.00 / 8.12	3	93
4	GEN MANIFEST	NYPA	NORTH 1ST & RIVER ST BROOKLYN NY 11211	S	0.00 / 8.12	3	93
4	ICIS	N 1ST STREET PLANT	N 1ST ST & RIVER ST BROOKLYN NY 11249	S	0.00 / 8.12	3	95
4	TANKS	NEW YORK POWER AUTHORITY-KENT	NORTHWEST CORNER OF NORTH 1ST & RIVER BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 381980 | Active	S	0.00 / 8.12	3	97
4	RCRA SQG	NY POWER AUTH - 1ST & GRAND SITE	N 1ST ST & RIVER ST BROOKLYN NY 11211 ***EPA Handler ID:*** NYR000093781	S	0.00 / 8.12	3	97
4	NY SPILLS	NORTH 1ST ST FUEL OIL TERMINAL	NORTH 1ST ST AND RIVER RD BROOKLYN NY ***Site ID* | *Close Date:*** 461044 | 2012-03-01 00:00:00	S	0.00 / 8.12	3	98
4	NY SPILLS	SHEEN TO SOIL	NORTH 1ST ST AND RIVER ST BROOKLYN NY ***Site ID* | *Close Date:*** 460936 | 2012-07-24 00:00:00	S	0.00 / 8.12	3	99
4	NY SPILLS	KENT FACILITY	north first and river st brooklyn NY ***Site ID* | *Close Date:*** 435249 | 2010-05-25 00:00:00	S	0.00 / 8.12	3	100
4	NY SPILLS	AT INTERSECTION	NORTH FIRST ST AND RIVER ST BROOKLYN NY ***Site ID* | *Close Date:*** 586421 | 2019-04-19 00:00:00	S	0.00 / 8.12	3	101
4	NY SPILLS	EAST RIVER LIPA PLANT	NORTH 1ST ST/RIVER ST WILLIAMSBURG NY ***Site ID* | *Close Date:*** 180594 | 2001-06-15 00:00:00	S	0.00 / 8.12	3	102

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
4	NY SPILLS	Spill Number 0012366	RIVER ST & NORTH 1ST ST BROOKLYN NY ***Site ID*	*Close Date:*** 168656 | 2003-02-13 00:00:00	S	0.00 / 8.12	3	102
4	NY SPILLS	29 N FIRST STREET	29 N FIRST STREET MANHATTAN NY ***Site ID*	*Close Date:*** 206366 | 1993-09-20 00:00:00	S	0.00 / 8.12	3	103
5	FINDS/FRS	CON EDISON - VS 1433	METROPOLITAN AVE. & RIVER ST. BROOKLYN NY 11206		ESE	0.00 / 8.98	1	104
5	RCRA NON GEN	CON EDISON - VS 1433	METROPOLITAN AVE. & RIVER ST. BROOKLYN NY 11206 ***EPA Handler ID:*** NYP004110672		ESE	0.00 / 8.98	1	105
5	NY SPILLS	VAULT 4048	RIVER ST/METROPOLITAN AV BROOKLYN NY ***Site ID*	*Close Date:*** 164045 | 2003-09-26 00:00:00	ESE	0.00 / 8.98	1	106
6	GEN MANIFEST	CONSOLIDATED EDISON	V2597-METROPOLITAN & RIVER ST BROOKLYN NY		ESE	0.00 / 17.15	2	107
7	NY SPILLS	NORTH 3RD ST./RIVER RD.	210 FT. WEST OF... BROOKLYN NY ***Site ID*	*Close Date:*** 371133 | 2006-10-10 00:00:00	ENE	0.00 / 19.88	1	108
7	NY SPILLS	1 GAL HYDRAULIC OIL FROM DRILL RIG	NORTH 3 STREET & RIVER STREET BROOKLYN NY ***Site ID*	*Close Date:*** 371119 | 2006-12-21 00:00:00	ENE	0.00 / 19.88	1	109
8	E DESIGNATION	AINSLIE VENTURE LLC	31 METROPOLITAN AVENUE Brooklyn NY 11211		ESE	0.01 / 62.60	3	110
9	AST	FYN PAINT & LAQUER CO. INC.	230 Kent Avenue Brooklyn NY 11211 ***Site ID*	*Site Status:*** 340099 | Unregulated/Closed	SSE	0.02 / 83.44	6	110
9	BROWNFIELDS	Fyn Paint and Lacquer Co., Inc. - Off-Site	230 Kent Avenue Brooklyn NY 11249		SSE	0.02 / 83.44	6	113
9	BROWNFIELDS	Fyn Paint and Lacquer Co., Inc.	230 Kent Avenue Brooklyn NY 11249		SSE	0.02 / 83.44	6	114
9	CERCLIS	FYN PAINT AND LACQUER CO., INC.	230 KENT AVENUE BROOKLYN NY 100071866 ***Site EPA ID:*** NYC200400950		SSE	0.02 / 83.44	6	116

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
9	DELISTED TANKS	FYN PAINT & LAQUER CO. INC.	230 KENT AVENUE BROOKLYN NY 11211	SSE	0.02 / 83.44	6	117
9	GEN MANIFEST	FYN PAINT AND LACQUER CO INC	230 KENT AVENUE BROOKLYN NY 11211	SSE	0.02 / 83.44	6	118
9	ICIS	FYN PAINT & LACQUER CO INC	230 KENT AVE BROOKLYN NY 11211	SSE	0.02 / 83.44	6	122
9	ICIS	FYN PAINT & LACQUER CO INC-230 KENT AVE	230 KENT AVENUE BROOKLYN NY 11211	SSE	0.02 / 83.44	6	123
9	ICIS	FYN PAINT & LACQUER CO INC-230 KENT AVE	230 KENT AVENUE BROOKLYN NY 11211	SSE	0.02 / 83.44	6	123
9	INST	Fyn Paint and Lacquer Co., Inc.	230 Kent Avenue Brooklyn NY 11249	SSE	0.02 / 83.44	6	123
9	LST	FYN PAINT	33 NORTH 1ST STREET BROOKLYN NY ***Site ID*	*Close Date:*** 197936 | 2000-05-23 00:00:00	SSE	0.02 / 83.44	6	126
9	RCRA LQG	FORMER FYN PAINT& LACQUER CO INC	230 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID:*** NYD001270867	SSE	0.02 / 83.44	6	127
9	SEMS	FYN PAINT AND LACQUER CO., INC.	230 KENT AVENUE BROOKLYN NY 10007-1866 ***EPA ID:*** NYC200400950	SSE	0.02 / 83.44	6	132
9	SHWS	Fyn Paint and Lacquer Co., Inc.	230 Kent Avenue Brooklyn NY 11249	SSE	0.02 / 83.44	6	133
9	UST	FYN PAINT & LAQUER CO. INC.	230 Kent Avenue Brooklyn NY 11211 ***Site ID*	*Site Status:*** 340099 | Unregulated/Closed	SSE	0.02 / 83.44	6	135
9	VCP	Fyn Paint and Lacquer Co., Inc.	230 Kent Avenue Brooklyn NY 11249	SSE	0.02 / 83.44	6	138
10	FINDS/FRS	M & K GAS & AUTO REPAIRS INC	50-02 METROPOLITAN AVE BROOKLYN NY 11237	SE	0.02 / 87.44	7	140

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
10	LST	46-11 METROPOLITAN AVE	46-11 METROPOLITAN AVE BROOKLYN NY ***Site ID* | *Close Date:*** 303971 | 1996-12-12 00:00:00	SE	0.02 / 87.44	7	141
10	MOSF	WILLIAMS MASPETH TERMINAL INC.	46-75 METROPOLITAN AVE BROOKLYN NY 11237 ***Site ID* | *Site Status:*** 345027 | Inactive	SE	0.02 / 87.44	7	141
10	RCRA NON GEN	M & K GAS & AUTO REPAIRS INC	50-02 METROPOLITAN AVE BROOKLYN NY 11237 ***EPA Handler ID:*** NYD000824235	SE	0.02 / 87.44	7	142
10	NY SPILLS	46-41 METROPOLITAN AVE.	46-41 METROPOLITAN AVE BROOKLYN NY ***Site ID* | *Close Date:*** 208276 | 1993-01-07 00:00:00	SE	0.02 / 87.44	7	143
11	AST	NORTH FIRST STREET FUEL OIL TERMINAL	214 KENT AVENUE BROOKLYN NY 11222 ***Site ID* | *Site Status:*** 340040 | Unregulated/Closed	E	0.02 / 89.65	3	144
11	DELISTED TANKS	NORTH FIRST STREET FUEL OIL TERMINAL	214 KENT AVENUE BROOKLYN NY 11222	E	0.02 / 89.65	3	145
11	ERNS		41-81 METROPOLITAN AVE BROOKLYN NY	E	0.02 / 89.65	3	145
11	ERNS		214 KENT AVE AND NORTH 1ST STREET-CON ED,FACILITY NEW YORK NY	E	0.02 / 89.65	3	147
11	FINDS/FRS	CON EDISON SERVICE BOX: 12588	214 KENT AVE BROOKLYN NY 11211	E	0.02 / 89.65	3	149
11	FINDS/FRS	CON ED-N 1ST ST FUEL OIL TERMINAL	214 KENT AVENUE BROOKLYN NY 11211-3909	E	0.02 / 89.65	3	149
11	GEN MANIFEST	CONSOLIDATED EDISON	214 KENT AVE BROOKLYN NY 11211	E	0.02 / 89.65	3	150
11	GEN MANIFEST	CON EDISON	214 KENT AVE SERV BOX 12588 BROOKLYN NY 11249	E	0.02 / 89.65	3	151
11	ICIS	CON ED-N 1ST ST FUEL OIL TERMINAL	214 KENT AVE BROOKLYN NY 112113909	E	0.02 / 89.65	3	152

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
11	ICIS	NORTH 1ST ST FUEL OIL TERMINAL	214 KENT AVE BROOKLYN NY 11222	E	0.02 / 89.65	3	152
11	ICIS	CON ED-N 1ST ST FUEL OIL TERMINAL	214 KENT AVE BROOKLYN NY 112113909	E	0.02 / 89.65	3	152
11	MOSF	NORTH FIRST STREET FUEL OIL TERMINAL	214 KENT AVENUE BROOKLYN NY 11222 ***Site ID* | *Site Status:*** 344634 | Inactive	E	0.02 / 89.65	3	153
11	RCRA CESQG	CON EDISON - NORTH 1ST STREET TERMINAL	214 KENT AVE BROOKLYN NY 11222 ***EPA Handler ID:*** NYD986931624	E	0.02 / 89.65	3	153
11	RCRA CESQG	CON EDISON - NORTH FIREST TERMINAL	214 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID:*** NYD084077411	E	0.02 / 89.65	3	155
11	RCRA NON GEN	CON EDISON SERVICE BOX: 12588	214 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID:*** NYP004313193	E	0.02 / 89.65	3	157
11	NY SPILLS	CON ED FUEL DEPOT	214 KENT AVENUE BROOKLYN NY ***Site ID* | *Close Date:*** 304350 | 2003-07-10 00:00:00	E	0.02 / 89.65	3	158
11	NY SPILLS	NORTH FIRST SUB STATION	214 KENT AVE BROOKLYN NY ***Site ID* | *Close Date:*** 426147 | 2010-03-17 00:00:00	E	0.02 / 89.65	3	159
11	NY SPILLS	NORTH 1ST ST FUEL DEPOT	214 KENT AVENUE BROOKLYN NY ***Site ID* | *Close Date:*** 304352 | 2009-09-22 00:00:00	E	0.02 / 89.65	3	160
11	NY SPILLS	IN FRONT OF	214 KENT AVENUE BROOKLYN NY ***Site ID* | *Close Date:*** 304353 | 2004-02-09 00:00:00	E	0.02 / 89.65	3	161
11	NY SPILLS	NORTH 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY ***Site ID* | *Close Date:*** 59588 | 2012-09-06 00:00:00	E	0.02 / 89.65	3	162
11	NY SPILLS	NORTH 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY ***Site ID* | *Close Date:*** 304351 | 2008-05-12 00:00:00	E	0.02 / 89.65	3	162
11	NY SPILLS	KENT AVE YARD	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	3	163

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Site ID | Close Date: 337239 | 2005-02-08 00:00:00				
11	NY SPILLS	CON EDISON BUILDING	214 KENT AVENUE BROOKLYN NY **Site ID | Close Date:** 59590 | 2008-11-14 00:00:00	E	0.02 / 89.65	3	164
11	NY SPILLS	NORTH 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY **Site ID | Close Date:** 304354 | 2004-11-12 00:00:00	E	0.02 / 89.65	3	165
11	NY SPILLS	NORTH FIRST STREET FUEL OIL TERMINAL	214 KENT AVENUE MOSF 2-1480 BROOKLYN NY 11222 **Site ID | Close Date:** 460960 | 2012-03-01 00:00:00	E	0.02 / 89.65	3	166
11	NY SPILLS	NORTH 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY **Site ID | Close Date:** 304355 |	E	0.02 / 89.65	3	166
11	NY SPILLS	CON ED FUEL OIL FACILITY	214 KENT AVENUE BROOKLYN NY **Site ID | Close Date:** 97054 | 2005-12-12 00:00:00	E	0.02 / 89.65	3	167
11	NY SPILLS	CON ED-N 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY **Site ID | Close Date:** 304349 | 2001-06-20 00:00:00	E	0.02 / 89.65	3	168
11	NY SPILLS	NORTH 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY **Site ID | Close Date:** 304348 | 2001-08-20 00:00:00	E	0.02 / 89.65	3	169
11	NY SPILLS	NORTH FIRST STREET	214 KENT AVENUE BROOKLYN NY **Site ID | Close Date:** 59589 | 2004-07-16 00:00:00	E	0.02 / 89.65	3	170
12	NY SPILLS	240 KENT AVE/YORK DISPLAY	240 KENT AVE NEW YORK CITY NY **Site ID | Close Date:** 140420 | 1988-06-09 00:00:00	S	0.02 / 123.51	5	170
12	UST	240 KENT AVE.	240 KENT AVE BROOKLYN NY 11211 **Site ID | Site Status:** 14940 | Unregulated/Closed	S	0.02 / 123.51	5	171
13	ALT FUELS	ProPark 184 Kent Ave - Tesla Destination	184 Kent Ave Brooklyn NY 11249	NNE	0.02 / 125.47	-8	174
14	GEN MANIFEST	CONSOLIDATED EDISON	V1856-214 KENT AVE BROOKLYN NY	ESE	0.03 / 158.78	7	174
15	NY SPILLS	KENT POWER PLANT	47-79 RIVER STREET BROOKLYN NY	SSW	0.03 / 161.94	-2	175

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Site ID*	*Close Date:*** 444126 | 2011-01-10 00:00:00			
15	NY SPILLS	INDUSTRIAL POWER PLANT	47-79 RIVER STREET BROOKLYN NY ***Site ID* | *Close Date:*** 453172 | 2011-08-30 00:00:00	SSW	0.03 / 161.94	-2	175
15	NY SPILLS	KENT POWER PLANT	47-79 RIVER ST BROOKLYN NY ***Site ID* | *Close Date:*** 449307 | 2011-05-19 00:00:00	SSW	0.03 / 161.94	-2	176
15	NY SPILLS	NYPA	47-79 RIVER ST BROOKLYN NY ***Site ID* | *Close Date:*** 444317 | 2011-01-21 00:00:00	SSW	0.03 / 161.94	-2	177
15	NY SPILLS	PLANT SITE	4749 RIVER ST BROOKLYN NY ***Site ID* | *Close Date:*** 171841 | 2002-08-22 00:00:00	SSW	0.03 / 161.94	-2	178
15	NY SPILLS	AIR	47-79 RIVER ST BROOKLYN NY ***Site ID* | *Close Date:*** 447446 | 2011-04-05 00:00:00	SSW	0.03 / 161.94	-2	179
15	NY SPILLS	KENT POWER PLANT	47-79 RIVER ST AND NORTH 1 BROOKLYN NY ***Site ID* | *Close Date:*** 482715 | 2013-06-05 00:00:00	SSW	0.03 / 161.94	-2	180
15	NY SPILLS	POWER PLANT SPILL	47-79 RIVER STREET SECONDARY CONTAINMENT BROOKLYN NY 11211 ***Site ID* | *Close Date:*** 448656 | 2011-05-03 00:00:00	SSW	0.03 / 161.94	-2	180
15	NY SPILLS	POWER PLANT	47-79 RIVER ST BROOKLYN NY ***Site ID* | *Close Date:*** 445254 | 2011-02-17 00:00:00	SSW	0.03 / 161.94	-2	181
15	NY SPILLS	AIR	47-79 RIVER STREET BROOKLYN NY ***Site ID* | *Close Date:*** 446368 | 2011-03-14 00:00:00	SSW	0.03 / 161.94	-2	182
15	NY SPILLS	KENT FACILITY	47-79 RIVER STREET BROOKLYN NY ***Site ID* | *Close Date:*** 447575 | 2011-04-08 00:00:00	SSW	0.03 / 161.94	-2	183
15	NY SPILLS	POWER PLANT	47-79 RIVER STREET BROOKLYN NY ***Site ID* | *Close Date:*** 446910 | 2011-03-21 00:00:00	SSW	0.03 / 161.94	-2	184
15	NY SPILLS	KENT POWERPLANT FACILITY	47-79 RIVER ST BROOKLYN NY ***Site ID* | *Close Date:*** 482738 | 2013-06-05 00:00:00	SSW	0.03 / 161.94	-2	185
15	NY SPILLS	KENT FACILTY NY POWER AUTH	47-79 RIVER ST BROOKLYN NY	SSW	0.03 / 161.94	-2	185

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Site ID*	*Close Date:*** 447829 | 2011-04-14 00:00:00			
15	TIER 2	Nypa Kent Gas Turbine Generator	47-79 River Street Brooklyn NY 22112	SSW	0.03 / 161.94	-2	187
15	TIER 2	New York State Power Authority - Ken Gas Turbine Generator	47-79 River St Brooklyn NY 11211	SSW	0.03 / 161.94	-2	187
15	TIER 2	New York Power Authority - Kent Gas Turbine Generator	47-79 River Street Brooklyn NY 11211	SSW	0.03 / 161.94	-2	187
16	NY SPILLS	KAY ROCK SCREEN PRINTING	210 kent ave / 2nd floor brooklyn NY	SE	0.03 / 162.23	9	187
			***Site ID*	*Close Date:*** 434921 | 2010-05-18 00:00:00			
17	GEN MANIFEST	CON EDISON	N 1ST ST & KENT AVE SB 16134 BROOKLYN NY 11249	SSE	0.03 / 163.20	10	188
17	LST	N 1ST ST & KENT AV/CON ED	NORTH 1ST ST & KENT AVE NEW YORK CITY NY	SSE	0.03 / 163.20	10	188
			***Site ID*	*Close Date:*** 230666 | 1990-11-24 00:00:00			
17	NY SPILLS	NORTH 1ST ST TERMINAL	N FIRST ST & KENT AV BROOKLYN NY	SSE	0.03 / 163.20	10	189
			***Site ID*	*Close Date:*** 104301 | 2008-05-12 00:00:00			
17	NY SPILLS	NORTH 1ST/KENT AVE.	NORTH 1ST ST & KENT AVE NEW YORK CITY NY	SSE	0.03 / 163.20	10	190
			***Site ID*	*Close Date:*** 230665 | 1995-06-07 00:00:00			
17	NY SPILLS	NORTH 1ST ST TERMINAL	NORTH 1ST ST & KENT AVE NEW YORK CITY NY	SSE	0.03 / 163.20	10	191
			***Site ID*	*Close Date:*** 230664 | 1990-07-15 00:00:00			
17	NY SPILLS	NORTH 1ST AND KENT AVE	NORTH 1ST & KENT AVE BROOKLYN NY	SSE	0.03 / 163.20	10	192
			***Site ID*	*Close Date:*** 220748 | 2006-06-15 00:00:00			
18	RCRA NON GEN	CON EDISON	N 1ST ST & KENT AVE BROOKLYN NY 11249	SSE	0.03 / 171.64	10	192
			EPA Handler ID: NYP004735254				
18	NY SPILLS	NORTH 1ST STREET AND	NORTH 1ST ST $ RIVER BROOKLYN NY	SSE	0.03 / 171.64	10	193
			***Site ID*	*Close Date:*** 281224 | 2001-06-15 00:00:00			

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
18	NY SPILLS	KENT FACILITY	4779 river st north first brooklyn NY **Site ID | Close Date:** 453020 | 2011-08-11 00:00:00	SSE	0.03 / 171.64	10	194
19	GEN MANIFEST	CONSOLIDATED EDISON	KENT AVE & METROPOLITAN BR BROOKLYN NY 11201	ESE	0.03 / 174.47	8	195
20	NY SPILLS	Spill Number 9900648	RIVER & GRAND ST BROOKLYN NY **Site ID | Close Date:** 175346 | 1999-04-19 00:00:00	SSW	0.04 / 229.28	-2	195
21	AST	EMULSION SYSTEM INC	215 KENT AVENUE BROOKLYN NY 11211 **Site ID | Site Status:** 274 | Unregulated/Closed	SE	0.05 / 238.92	11	196
21	DELISTED TANKS	215 KENT AVE	215 KENT AVE BROOKLYN NY 11211	SE	0.05 / 238.92	11	201
21	GEN MANIFEST	STEINER WILLIAMSBURG LLC	221 KENT AVE BROOKLYN NY 11211	SE	0.05 / 238.92	11	201
21	UST	215 KENT AVE	215 KENT AVE BROOKLYN NY 11211 **Site ID | Site Status:** 444673 | Unregulated/Closed	SE	0.05 / 238.92	11	202
22	DELISTED TANKS	BLISS & TANNENBAUM, L.P.	58 METROPOLITIAN AVENUE BROOKLYN NY 12201	ESE	0.05 / 239.94	9	207
22	UST	BLISS & TANNENBAUM, L.P.	58 METROPOLITIAN AVENUE BROOKLYN NY 12201 **Site ID | Site Status:** 340820 | Unregulated/Closed	ESE	0.05 / 239.94	9	207
23	RCRA SQG	58 METROPOLITAN AVENUE	221 KENT AVE BROOKLYN NY 11211-3907 **EPA Handler ID:** NYR000153056	SE	0.05 / 242.52	11	207
24	GEN MANIFEST	CON EDISON	231 KENT AVE STRUCTURE # 12591 BROOKLYN NY	SSE	0.05 / 251.22	12	209
24	GEN MANIFEST	CON EDISON	FO 231 KENT AVE SB 12591 BROOKLYN NY 11249	SSE	0.05 / 251.22	12	209
24	GEN MANIFEST	CON EDISON	231 KENT AVE STRUCTURE # 12591 BROOKLYN NY	SSE	0.05 / 251.22	12	210

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
24	GEN MANIFEST	CON EDISON	231 KENT AV SB12591 BROOKLYN NY 11211	SSE	0.05 / 251.22	12	210
25	E DESIGNATION	187 KENT OWNER LLC	187 KENT AVENUE Brooklyn NY 11249	ESE	0.05 / 252.70	8	211
25	GEN MANIFEST	187 KENT OWNER LLC	187 KENT AVE BROOKLYN NY 11249	ESE	0.05 / 252.70	8	211
25	RCRA NON GEN	187 KENT OWNER LLC	187 KENT AVE BROOKLYN NY 11249 ***EPA Handler ID:*** NYR000234195	ESE	0.05 / 252.70	8	212
26	E DESIGNATION	HANCOCK REALTY LLC	235 KENT AVENUE Brooklyn NY 11249	SSE	0.05 / 268.89	12	214
26	GEN MANIFEST	CON EDISON	235 KENT AVE F/O SB 12591 BROOKLYN NY 11249	SSE	0.05 / 268.89	12	214
26	RCRA NON GEN	CON EDISON	235 KENT AVE BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004826416	SSE	0.05 / 268.89	12	215
26	NY SPILLS	MVA	IN FRONT OF 235 KENT AVE BROOKLYN NY ***Site ID | Close Date:*** 541177 | 2017-02-15 00:00:00	SSE	0.05 / 268.89	12	216
27	RCRA NON GEN	CON EDISON	29 GRAND ST & RIVER ST BROOKLYN NY 11211 ***EPA Handler ID:*** NYP004184073	S	0.05 / 272.27	4	216
28	E DESIGNATION	235-237 KENT AVENUE G	237 KENT AVENUE Brooklyn NY 11249	SSE	0.05 / 283.51	12	217
28	GEN MANIFEST	KING COLLISION	237 KENT AVE BROOKLYN NY 11211	SSE	0.05 / 283.51	12	218
28	RCRA NON GEN	KING COLLISION	237 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID:*** NYR000042374	SSE	0.05 / 283.51	12	219
29	GEN MANIFEST	CON EDISON	85 NORTH 4 BROOKLYN NY 11211	NE	0.06 / 304.92	-2	220
29	RCRA LQG	CON EDISON - MANHOLE 62166	85 NORTH 4 BROOKLYN NY 11211	NE	0.06 / 304.92	-2	221

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: NYP004300166				
30	RCRA NON GEN	NORTH 4TH PLACE LLC	1 N 4TH PL BROOKLYN NY 11249 ***EPA Handler ID:*** NYR000197970	NE	0.06 / 308.91	-5	222
31	GEN MANIFEST	CON EDISON	61 METROPOLITAN AVE SB 61607 BROOKLYN NY 11249	ESE	0.06 / 309.64	10	224
32	E DESIGNATION	RINGSIDE, INC.	51 NORTH 1 STREET Brooklyn NY 11249	SE	0.06 / 310.07	12	224
33	E DESIGNATION	50 NORTH ONE LLC	52 NORTH 1 STREET Brooklyn NY 11249	SSE	0.06 / 337.60	14	225
34	NY SPILLS	SERVICE BOX 20114	33 GRAND ST BROOKLYN NY ***Site ID | Close Date:*** 579372 | 2018-12-14 00:00:00	S	0.06 / 341.93	11	226
35	NY SPILLS	EXCAVATION - PIPELINE 7	KENT AVE N/O NORTH 4TH ST BROOKLYN NY ***Site ID | Close Date:*** 337738 | 2006-08-17 00:00:00	ENE	0.07 / 344.96	3	226
36	E DESIGNATION	187 KENT OWNER LLC	48 NORTH 3 STREET Brooklyn NY 11249	ESE	0.07 / 346.15	9	227
37	E DESIGNATION	FLUX FARM LLC	37 GRAND STREET Brooklyn NY 11249	S	0.07 / 351.71	12	228
38	NY SPILLS	262-266 KENT AVE	262-266 KENT AVE BROOKLYNN NY ***Site ID | Close Date:*** 406480 | 2010-12-28 00:00:00	S	0.07 / 358.39	9	229
39	SWF/LF	V. M. TRANSFER; LTD.(CARDELLA)	175 KENT AVE Brooklyn NY 11211	E	0.07 / 366.86	7	230
40	E DESIGNATION	NORTH 4TH PLACE, LLC	1 NORTH 4 PLACE Brooklyn NY 11249	NNE	0.07 / 368.97	-9	230
40	GEN MANIFEST	NORTH 4TH PLACE LLC	1 NORTH 4TH PLACE BROOKLYN NY 11249	NNE	0.07 / 368.97	-9	231
41	GEN MANIFEST	CON EDISON	GRAND ST & KENT AVE TM 1143 BROOKLYN NY 11249	S	0.07 / 372.69	9	231

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
41	RCRA NON GEN	NYSDOT - B Q E BRIDGES	KENT AVE & GRAND ST BROOKLYN NY 11211 ***EPA Handler ID:*** NYD986899862	S	0.07 / 372.69	9	232
41	RCRA NON GEN	CON EDISON	GRAND ST & KENT AVE BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004764858	S	0.07 / 372.69	9	233
41	NY SPILLS	GROUND	GRAND ST AND KENT AVE BROOKLYN NY ***Site ID | Close Date:*** 577051 | 2018-09-12 00:00:00	S	0.07 / 372.69	9	234
42	E DESIGNATION	WATERVIEW LOFTS LLC	157 KENT AVENUE Brooklyn NY 11249	E	0.07 / 377.06	5	235
42	GEN MANIFEST	CON EDISON	OPP 40 N 4TH ST SB 65600 BROOKLYN NY 11249	E	0.07 / 377.06	5	236
42	SWF/LF	JORAL CARTING INC.	157 KENT AVE. Brooklyn NY 12211	E	0.07 / 377.06	5	236
43	NY SPILLS	AIR	4779 RIVER ST BROOKLYN NY ***Site ID | Close Date:*** 447967 | 2011-04-15 00:00:00	SSW	0.07 / 380.04	-3	237
43	NY SPILLS	KENT POWER PLANT	4779 RIVER ST BROOLYN NY ***Site ID | Close Date:*** 565981 | 2018-01-17 00:00:00	SSW	0.07 / 380.04	-3	237
44	E DESIGNATION	METROPOLITAN 75 REALT	67 METROPOLITAN AVENUE Brooklyn NY 11249	ESE	0.07 / 383.76	11	238
45	GEN MANIFEST	CONSOLIDATED EDISON	29 GRAND ST - MH14011 BROOKLYN NY 11202	S	0.07 / 394.34	12	239
46	E DESIGNATION	260 KENT LLC	260 KENT AVENUE Brooklyn NY 11249	S	0.07 / 394.78	7	239
47	NY SPILLS	ANTHONY CONCRETE	175 KENT AVE BROOKLYN NY ***Site ID | Close Date:*** 245280 | 2000-12-04 00:00:00	E	0.08 / 399.82	7	240
48	E DESIGNATION	KATE HERZ	49 GRAND STREET Brooklyn NY 11249	SSE	0.08 / 409.64	15	241

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
49	E DESIGNATION	ALIZA GUTTMAN	60 NORTH 1 STREET Brooklyn NY 11249	SSE	0.08 / 423.87	16	241
50	ALT FUELS	City Parking Linc Garage - Tesla Destination	62 Northside Piers Brooklyn NY 11249	NE	0.08 / 430.33	-3	242
51	E DESIGNATION	JENSEN WILLIAM	79 METROPOLITAN AVENUE Brooklyn NY 11249	ESE	0.08 / 446.38	12	242
52	AST	UNICO TRUCK REPAIR CORNER INC.	274 WYTHE AVENUE BROOKLYN NY 11205 ***Site ID | Site Status:*** 28827 | Unregulated/Closed	SE	0.09 / 451.44	15	243
53	GEN MANIFEST	CONSOLIDATED EDISON	164 KENT AVE V61626328 & CHAM BROOKLYN NY 11201	NE	0.09 / 456.18	0	246
53	GEN MANIFEST	WILLIAMSBURG BUILDERS LLC C/O RD MGMT	164 KENT AVENUE BROOKLYN NY 11211	NE	0.09 / 456.18	0	246
53	RCRA LQG	WILLIAMSBURG BUILDERS	164 KENT AVENUE BROOKLYN NY 11211 ***EPA Handler ID:*** NYR000148247	NE	0.09 / 456.18	0	247
53	RCRA NON GEN	CON EDISION - V6162/6328	164 KENT AVENUE 164 KENT AVENU BROOKLYN NY 10003 ***EPA Handler ID:*** NYP004093993	NE	0.09 / 456.18	0	248
53	NY SPILLS	VAULT 6162	IFO 164 KENT AVE BROOKLYN NY ***Site ID | Close Date:*** 88050 | 2002-02-19 00:00:00	NE	0.09 / 456.18	0	249
53	NY SPILLS	CONSTRUCITON SITE	164 KENT AVE BROOKLYN NY ***Site ID | Close Date:*** 372531 | 2006-10-26 00:00:00	NE	0.09 / 456.18	0	250
54	E DESIGNATION	OLIVE TREE BRANCHES,	55 GRAND STREET Brooklyn NY 11249	SSE	0.09 / 457.32	16	251
55	UST	KENT ASSOCIATES	259 KENT AVENUE BROOKLYN NY 11211 ***Site ID | Site Status:*** 11636 | Unregulated/Closed	S	0.09 / 460.32	12	252
56	NY SPILLS	VACANT LOT	157 KENT AVE BROOKLYN NY ***Site ID | Close Date:*** 398858 | 2013-07-16 00:00:00	E	0.09 / 463.99	7	260

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
57	E DESIGNATION	CHINA BUILDING LLC	83 METROPOLITAN AVENUE Brooklyn NY 11249	ESE	0.09 / 485.57	13	261
58	AST	FNW REALTY	151 KENT AVENUE BROOKLYN NY 11211 ***Site ID*	*Site Status:*** 1323 | Unregulated/Closed	ENE	0.10 / 506.02	4	261
59	E DESIGNATION	69 GRAND REALTY LLC	69 GRAND STREET Brooklyn NY 11249	SSE	0.10 / 508.32	18	264
60	ERP	Radiac Research	261 Kent Ave Brooklyn NY 11211	S	0.10 / 513.27	12	264
60	LST	D61 KENT AVE. BKLYN/RADIA	261 KENT AVE. NEW YORK CITY NY ***Site ID*	*Close Date:*** 211204 | 1987-08-05 00:00:00	S	0.10 / 513.27	12	266
60	REC MANIFEST	RADIAC RESEARCH CORP	261 KENT AVE BROOKLYN NY 11211	S	0.10 / 513.27	12	267
60	RCRA NON GEN	RADIAC RESEARCH CORP	261 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID:*** NYD986902138	S	0.10 / 513.27	12	269
61	AST	R.E. HOLDING CO.	63 NORTH 3RD STREET BROOKLYN NY 11211 ***Site ID*	*Site Status:*** 30238 | Unregulated/Closed	E	0.10 / 521.29	10	271
61	GEN MANIFEST	COUGAR ELECTRONICS	240 WYTHE AVE BROOKLYN NY 11211	E	0.10 / 521.29	10	274
61	GEN MANIFEST	CONSOLIDATED EDISON	242 WYTHE AVE BROOKLYN NY 11201	E	0.10 / 521.29	10	274
61	GEN MANIFEST	CONSOLIDATED EDISON	242 WYTHE AVE BROOKLYN NY 11201	E	0.10 / 521.29	10	274
61	RCRA NON GEN	COUGAR ELECTRONICS CORP	240 WYTHE AVE BROOKLYN NY 11211-3121 ***EPA Handler ID:*** NYD044474955	E	0.10 / 521.29	10	275
61	RCRA NON GEN	CON EDISON VAULT V2803	242 WYTHE AVE FRONT OF BROOKLYN NY 11201 ***EPA Handler ID:*** NYP004241428	E	0.10 / 521.29	10	277

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
61	RCRA NON GEN	CON EDISON VAULT 2803	242 WYTHE AVE BROOKLYN NY 11201 ***EPA Handler ID:*** NYP004245213	E	0.10 / 521.29	10	278
61	RCRA NON GEN	CON EDISON VAULT 2803	242 WYTHE AVE BROOKLYN NY 11206 ***EPA Handler ID:*** NYP004241576	E	0.10 / 521.29	10	279
61	NY SPILLS	SIX GALLONS OIL IN VAULTS	242 WYTHE AVENUE BROOKLYN NY ***Site ID | Close Date:*** 394780 | 2008-05-19 09:34:00	E	0.10 / 521.29	10	280
62	E DESIGNATION	CHINA BUILDING LLC	87 METROPOLITAN AVENUE Brooklyn NY 11249	ESE	0.10 / 523.95	14	281
63	E DESIGNATION	ROBERT J BESWICK	50 GRAND STREET Brooklyn NY 11249	S	0.10 / 544.22	18	281
64	GEN MANIFEST	JUMBO CARTING & REFUSE	2 N FIFTH ST BROOKLYN NY 11211	NE	0.10 / 544.71	-5	282
64	LST	USA WASTE OF NYC	2 N 5TH ST BROOKLYN NY ***Site ID | Close Date:*** 172840 | 2005-11-23 00:00:00	NE	0.10 / 544.71	-5	283
64	RCRA NON GEN	JUMBO CARTING REFUSE	2 N FIFTH ST BROOKLYN NY 11211 ***EPA Handler ID:*** NYD982539371	NE	0.10 / 544.71	-5	283
64	SWF/LF	NEKBOH RECYCLING INC. (2 N. 5TH ST.)	2 NORTH 5TH STREET Brooklyn NY 11211	NE	0.10 / 544.71	-5	285
64	SWF/LF	NEKBOH RECYCLING INC. (2 N. 5TH ST.)	2 NORTH 5TH STREET Brooklyn NY 11211	NE	0.10 / 544.71	-5	286
64	SWF/LF	WASTE MANAGEMENT OF NEW YORK (USAWASTE S	2 NORTH 5TH STREET Brooklyn NY 11211	NE	0.10 / 544.71	-5	286
64	SWF/LF	DeMicco Bros. Inc.	2 North 5th Street Brooklyn NY 11111	NE	0.10 / 544.71	-5	286
64	SWF/LF	Recycle America Alliance (a WasteManagement of NY company)	2 North 5th Street Brooklyn NY 11237	NE	0.10 / 544.71	-5	287

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
64	UST	USA WASTE SERVICES, INC.	2 NORTH FIFTH STREET BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 24490 | Unregulated/Closed	NE	0.10 / 544.71	-5	287
65	ALT FUELS	iPark 22/34 N 6th Garage Corp - Tesla Destination	22 N 5th St Brooklyn NY 11211	NE	0.10 / 548.33	0	293
66	E DESIGNATION	WYTHE HOLDINGS LLC	296 WYTHE AVENUE Brooklyn NY 11249	SE	0.10 / 551.21	19	293
66	GEN MANIFEST	CON EDISON	296 WYTHE AVE & 1ST BROOKLYN NY 11249	SE	0.10 / 551.21	19	294
66	RCRA NON GEN	TRIBORO SHELVING & PARTITION	296 WYTHE AVE BROOKLYN NY 11211-4118 ***EPA Handler ID:*** NY0000058206	SE	0.10 / 551.21	19	294
66	NY SPILLS	290 WYTHE AV	290 WYTHE AVE BROOKLYN NY ***Site ID* | *Close Date:*** 311018 | 1988-07-06 00:00:00	SE	0.10 / 551.21	19	296
67	GEN MANIFEST	CON EDISON	FRONT OF 90S METROPOLITAN AV SB15329 BROOKLYN NY 11211	ESE	0.11 / 559.64	15	297
68	E DESIGNATION	OLIVE PARTNERS, LLC	224 WYTHE AVENUE Brooklyn NY 11249	E	0.11 / 565.94	9	298
68	GEN MANIFEST	CON EDISON	OPP 66 N 4TH ST SB 16163 BROOKLYN NY 11249	E	0.11 / 565.94	9	298
69	E DESIGNATION	ROBERT J BESWICK	56 GRAND STREET Brooklyn NY 11249	SSE	0.11 / 570.51	20	299
70	E DESIGNATION	234 W, LLC	234 WYTHE AVENUE Brooklyn NY 11249	E	0.11 / 578.64	10	299
71	E DESIGNATION	WYTHE HOLDINGS LLC	302 WYTHE AVENUE Brooklyn NY 11249	SSE	0.11 / 580.85	20	300
72	NY SPILLS	STREET EXCAVATION	KENT & NORTH 5TH BROOKLYN NY	ENE	0.11 / 584.89	2	301

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Site ID*	*Close Date:*** 384575 | 2009-10-15 00:00:00			
72	NY SPILLS	AT INTERSECTION	NORTH 5TH AND KENT BROOKLYN NY	ENE	0.11 / 584.89	2	302
			***Site ID*	*Close Date:*** 509885 | 2015-07-02 00:00:00			
73	GEN MANIFEST	NYNEX	KENT AVE & N 5TH ST BROOKLYN NY 11201	ENE	0.11 / 589.72	2	302
73	RCRA NON GEN	NYNEX-MANHOLE	KENT AVE & N 5TH ST BROOKLYN NY 11201-0000	ENE	0.11 / 589.72	2	303
			EPA Handler ID: NYP000920330				
74	GEN MANIFEST	NYC DEPT PARKS & RECREATION	33 S 1ST ST BROOKLYN NY	S	0.11 / 592.17	15	304
74	GEN MANIFEST	DATA SCOPE	33 S 1ST ST BROOKLYN NY 11211	S	0.11 / 592.17	15	304
74	GEN MANIFEST	RADIAC RESEARCH CORP	33 S 1ST ST BROOKLYN NY 11211	S	0.11 / 592.17	15	305
74	GEN MANIFEST	NYCDEP	33 S 1ST ST BROOKLYN NY	S	0.11 / 592.17	15	341
74	GEN MANIFEST	NYCDEP	33 S 1ST ST BROOKLYN NY	S	0.11 / 592.17	15	342
74	PCB	RADIAC RESEARCH CORP.	33 SOUTH 1ST ST. BROOKLYN NY 11211	S	0.11 / 592.17	15	343
74	RCRA CORRACTS	RADIAC RESEARCH CORP	33 S 1ST ST BROOKLYN NY 11249	S	0.11 / 592.17	15	343
			EPA Handler ID: NYD049178296				
74	REC MANIFEST	RADIAC RESEARCH CORP	33 S 1ST ST BROOKLYN NY 11211	S	0.11 / 592.17	15	393
74	RCRA NON GEN	RADIAC RESEARCH CORP	33 S 1ST ST BROOKLYN NY 11249	S	0.11 / 592.17	15	488
			EPA Handler ID: NYD049178296				
74	RCRA TSD	RADIAC RESEARCH CORP	33 S 1ST ST BROOKLYN NY 11249	S	0.11 / 592.17	15	536

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: NYD049178296				
75	GEN MANIFEST	WASTE MANAGEMENT OF NY	144 162 KENT AVE BROOKLYN NY 11211	ENE	0.11 / 597.55	2	584
76	GEN MANIFEST	CON EDISON	FRONT OF 62 GRAND ST SB14119 BROOKLYN NY 11201	SSE	0.12 / 608.50	20	585
77	NY SPILLS	VAULT 1198	1198 KENT AVE BROOKLYN NY	S	0.12 / 618.47	10	585
			Site ID | Close Date: 195216 | 2002-10-30 00:00:00				
78	E DESIGNATION	SM WYTHE LLC	204 WYTHE AVENUE Brooklyn NY 11249	E	0.12 / 638.60	6	586
78	GEN MANIFEST	S M WYTHE LLC	50 NORTH 5TH STREET BROOKLYN NY 11249	E	0.12 / 638.60	6	587
78	RCRA NON GEN	S M WYTHE LLC	50 N 5TH ST BROOKLYN NY 11249	E	0.12 / 638.60	6	587
			EPA Handler ID: NYR000193193				
79	GEN MANIFEST	CON EDISON	NW COR WYTHE AVE & GRANT ST MH 4859 BROOKLYN NY 11211	SSE	0.12 / 653.75	23	589
79	GEN MANIFEST	CON EDISON	GRAND ST & WHYTHE AV SB4859 BROOKLYN NY 11211	SSE	0.12 / 653.75	23	589
80	GEN MANIFEST	CON EDISON	WYTHE AVE & GRAND ST VS 04979 BROOKLYN NY 11249	SSE	0.12 / 657.75	23	590
81	GEN MANIFEST	CON EDISON	F/O 45 SOUTH FIRST ST SB37684 BROOKLYN NY 11211	S	0.13 / 661.15	21	590
82	RCRA NON GEN	CON EDISON	233 WYTHE AVE BROOKLYN NY 11249	ESE	0.13 / 675.58	18	591
			EPA Handler ID: NYP004745741				
83	RCRA NON GEN	CON EDISON SERVICE BOX: 53573	261 WYTHE AVE BROOKLYN NY 11249	SE	0.13 / 680.76	23	592
			EPA Handler ID: NYP004570792				
84	ALT FUELS	iPark NYC 2234 North 6th - Tesla Destination	34 North 6th St Brooklyn NY 11249	NE	0.13 / 704.79	1	593

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
84	AST	4 GS TRUCK RENTING CO.	150 KENT AVENUE BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 29902 | Unregulated/Closed	NE	0.13 / 704.79	1	593
84	RCRA NON GEN	CON EDISON	40 N 6TH ST BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004724266	NE	0.13 / 704.79	1	596
84	RCRA NON GEN	WASTE MANAGEMENT OF NEW YORK	144-162 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID:*** NYR000101972	NE	0.13 / 704.79	1	597
85	RCRA NON GEN	CON EDISON	49 N 5TH ST BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004831091	ENE	0.13 / 705.08	6	598
86	SWF/LF	BJR REALTY CORP.	6O SOUTH 2ND STREET (WYTHE ST.) Brooklyn NY 11211	SSW	0.14 / 738.86	-2	599
86	SWF/LF	BJR REALTY CORP.	6O SOUTH 2ND STREET (WYTHE ST.) Brooklyn NY 11211	SSW	0.14 / 738.86	-2	600
86	SWF/LF	BJR REALTY CORP.	6O SOUTH 2ND STREET (WYTHE ST.) Brooklyn NY 11211	SSW	0.14 / 738.86	-2	600
87	RCRA NON GEN	ROHNER FURNITURE INC	100 METROPOLITAN AVE BROOKLYN NY 11211-3921 ***EPA Handler ID:*** NYD986884864	SE	0.14 / 756.14	20	600
87	UST	METRO REALTY	100 METROPOLITAN AVE BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 18510 | Unregulated/Closed	SE	0.14 / 756.14	20	602
88	BROWNFIELDS	149 Kent Avenue	149 Kent Avenue Brooklyn NY 11211	ENE	0.14 / 756.79	6	605
88	ENG	149 Kent Avenue	149 Kent Avenue Brooklyn NY 11211	ENE	0.14 / 756.79	6	608
88	INST	149 Kent Avenue	149 Kent Avenue Brooklyn NY 11211	ENE	0.14 / 756.79	6	611
88	RCRA LQG	149 KENT AVENUE	149 KENT AVE BROOKLYN NY 11249	ENE	0.14 / 756.79	6	615

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: NYR000160242				
88	RCRA NON GEN	CON EDISON	149 KENT AVE BROOKLYN NY 11238 ***EPA Handler ID:*** NYP004826374	ENE	0.14 / 756.79	6	617
89	AST	CLEANER SALES & EQUIPMENT CORP.	135 KENT AVENUE Brooklyn NY 11211 ***Site ID	Site Status:*** 339689 | Unregulated/Closed	ENE	0.15 / 784.14	5	619
89	BROWNFIELDS	Former Cleaners Sales & Equipment Corp	135 Kent Avenue Brooklyn NY 11249	ENE	0.15 / 784.14	5	619
89	DELISTED TANKS	CLEANER SALES & EQUIPMENT CORP.	135 KENT AVENUE Brooklyn NY 11211	ENE	0.15 / 784.14	5	621
89	RCRA CESQG	CLEANERS SALES & EQUIPMENT	135 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID:*** NYR000113480	ENE	0.15 / 784.14	5	622
89	SHWS	Former Cleaners Sales & Equipment Corp	135 Kent Avenue Brooklyn NY 11249	ENE	0.15 / 784.14	5	623
90	RCRA NON GEN	CON EDISON	KENT AVE & S 2ND ST BROOKLYN NY 11234 ***EPA Handler ID:*** NYP004784872	S	0.15 / 787.99	9	625
90	RCRA NON GEN	CON EDISON	KENT AVE & S 2ND ST BROOKLYN NY 11233 ***EPA Handler ID:*** NYP004828705	S	0.15 / 787.99	9	626
91	RCRA NON GEN	NYSDEC 224177	135 KENT AVE - SIDEWALK BROOKLYN NY 11211 ***EPA Handler ID:*** NYR000200394	ENE	0.15 / 803.93	4	627
92	LST	SOUTH 2ND AVE & KENT AVE	SOUTH 2ND AVE & KENT AVE BROOKLYN NY ***Site ID	Close Date:*** 163233 | 1988-04-28 00:00:00	S	0.15 / 804.98	10	629
93	AST	DOMINO SUGAR CORP.-BROOKLYN REFINERY	49 SOUTH 2ND STREET BROOKLYN NY 11211-5187 ***Site ID	Site Status:*** 340656 | Unregulated/Closed	S	0.16 / 832.84	20	630
93	DELISTED TANKS	DOMINO SUGAR CORP.-BROOKLYN REFINERY	49 SOUTH 2ND STREET BROOKLYN NY 11211-5187	S	0.16 / 832.84	20	631
93	LST	CLOSED-LACKOF RECENT INFO	49 SOUTH 2ND STREET NEW YORK CITY NY	S	0.16 / 832.84	20	631

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Site ID*	*Close Date:*** 73688 | 2003-03-14 00:00:00			
93	LST	CLOSED-LACKOF RECENT INFO	49 SOUTH 2ND ST. NEW YORK CITY NY	S	0.16 / 832.84	20	632
			Site ID* | *Close Date: 265300 | 2003-03-13 00:00:00				
93	RCRA NON GEN	DOMINO SUGAR CORP	49 S SECOND ST BROOKLYN NY 11211-5187	S	0.16 / 832.84	20	633
			EPA Handler ID: NYD001287945				
94	RCRA NON GEN	CON EDISON	KENT AVE & N 6TH ST BROOKLYN NY 11215	NE	0.16 / 836.10	5	635
			EPA Handler ID: NYP004724043				
95	UST	JIN HAIN FOOD PRODUCTS INC.	181 WYTHE AVENUE BROOKLYN NY 11211	E	0.16 / 839.36	7	636
			Site ID* | *Site Status: 515743 | Unregulated/Closed				
96	UST	94 NORTH 3RD STREET	94 NORTH 3RD STREET BROOKLYN NY 11249	ESE	0.16 / 846.73	20	640
			Site ID* | *Site Status: 554274 | Unregulated/Closed				
97	RCRA NON GEN	CON ED - MH 64824	WYTHE AVE 115 N/O 5 ST BROOKLYN NY 11211-0000	E	0.16 / 852.39	7	648
			EPA Handler ID: NYP004009619				
98	RCRA LQG	CVS PHARMACY #4958	27 N 6TH ST BROOKLYN NY 11249	NE	0.17 / 872.62	3	649
			EPA Handler ID: NYR000192880				
99	RCRA NON GEN	GARCIA-RIVERA PROPERTY	98 N 1ST ST BROOKLYN NY 11211-3936	SE	0.17 / 885.67	28	653
			EPA Handler ID: NYD981563737				
100	RCRA NON GEN	CON EDISON	97 N 1ST ST & WYTHE AVE BROOKLYN NY 11233	SE	0.17 / 897.50	24	654
			EPA Handler ID: NYP004841728				
100	RCRA NON GEN	CON EDISON	97 N 1ST ST & WYTHE AVE BROOKLYN NY 11233	SE	0.17 / 897.50	24	655
			EPA Handler ID: NYP004841694				
101	RCRA LQG	CON EDISON - MANHOLE 59713	80 NORTH 5TH ST BROOKLYN NY 11211	E	0.17 / 897.69	9	656
			EPA Handler ID: NYP004301958				
101	RCRA NON GEN	STATE PIPE & NIPPLE CORP	185 WYTHE AVE BROOKLYN NY 11211-3120	E	0.17 / 897.69	9	658
			EPA Handler ID: NYD000831495				
101	RCRA NON GEN	MERIT SCREEN PRINTING	80 N FIFTH ST BROOKLYN NY 11211-3125	E	0.17 / 897.69	9	659

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: NYD986972156				
102	RCRA NON GEN	MTA NYCT - WILLIAMSBURG BRIDGE CIR #127 - J LINE	S 6TH ST BTW KENT & WYTHE AVES BROOKLYN NY 11249 ***EPA Handler ID:*** NYR000200261	ENE	0.17 / 905.25	8	661
103	RCRA CESQG	KI-TOV LAMP CO	76 N 4TH ST BROOKLYN NY 11211 ***EPA Handler ID:*** NYR000039842	ESE	0.18 / 928.48	12	663
103	UST	76 NORTH 4TH STREET	76 NORTH 4TH STREET BROOKLYN NY 11211 ***Site ID | Site Status:*** 389754 | Unregulated/Closed	ESE	0.18 / 928.48	12	665
104	AST	PUBLIC SCHOOL 84 - BROOKLYN K084	250 BERRY STREET Brooklyn NY 11249 ***Site ID | Site Status:*** 17797 | Active	SSE	0.18 / 950.24	32	670
104	RCRA LQG	PUBLIC SCHOOL 84K	250 BERRY ST BROOKLYN NY 11211 ***EPA Handler ID:*** NYR000010462	SSE	0.18 / 950.24	32	674
105	RCRA NON GEN	CENTURY WASTE SYSTEMS INC	57 N 6TH ST BROOKLYN NY 11211 ***EPA Handler ID:*** NYD986875359	ENE	0.19 / 979.32	9	677
106	ALT FUELS	iPark 34 N 7th Street - Tesla Destination	34 N 7th St Brooklyn NY 11249	NE	0.19 / 983.49	1	679
106	ALT FUELS	iPark 34 N 7th Street - Valet - Tesla Destination	34 N 7th St Brooklyn NY 11249	NE	0.19 / 983.49	1	679
107	RCRA CESQG	H & B PLASTICS PLATING	299 WYTHE AVE BROOKLYN NY 11211 ***EPA Handler ID:*** NYD982270597	SSE	0.19 / 998.71	33	680
108	AST	BERRY ENTERPRISES	109 NORTH 3RD STREET 107 NORTH 3RD STREET BROOKLYN NY 11211 ***Site ID | Site Status:*** 29114 | Unregulated/Closed	ESE	0.19 / 1,020.21	16	682
109	RCRA NON GEN	CON ED - VS 5413	N 6TH ST 60 EAST WYTHE AVE BROOKLYN NY 11236-0000 ***EPA Handler ID:*** NYP004011920	ENE	0.20 / 1,030.02	11	684
110	RCRA NON GEN	CON EDISON	N 6TH ST & WYTHE ST BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004735122	ENE	0.20 / 1,039.36	12	685
111	MOSF	DOMINO SUGAR REFINERY	316 KENT AVENUE BROOKLYN NY 11211	SSW	0.20 / 1,049.49	-9	686

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Site ID*	*Site Status:*** 344902 | Inactive			
111	RCRA NON GEN	V2032	10-13 GRAND STREET NEW YORK CITY NY 11206 ***EPA Handler ID:*** NYP004043543	SSW	0.20 / 1,049.49	-9	686
111	RCRA SQG	AMERICAN SUGAR REFINING INC	266-316 KENT AVE BROOKLYN NY 11211-4131 ***EPA Handler ID:*** NYR000109454	SSW	0.20 / 1,049.49	-9	687
111	UST	GRAND MORGAN REALTY CORP.	10-27 GRAND STREET BROOKLYN NY 11011 ***Site ID* | *Site Status:*** 28216 | Unregulated/Closed	SSW	0.20 / 1,049.49	-9	689
112	RCRA NON GEN	LEXA METAL CORP	303 WYTHE AVE BROOKLYN NY 11211 ***EPA Handler ID:*** NYD986987626	SSE	0.20 / 1,055.55	33	693
113	AST	MONTROSE SUPPLY & EQUIP CO	71 NORTH 6TH ST BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 160 | Unregulated/Closed	ENE	0.20 / 1,062.47	12	694
113	RCRA NON GEN	MONTROSE TEXTILE MACHINERY CO	71 N 6TH ST BROOKLYN NY 11211-3089 ***EPA Handler ID:*** NYD986968006	ENE	0.20 / 1,062.47	12	703
113	UST	MONTROSE SUPPLY & EQUIP CO	71 NORTH 6TH ST BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 160 | Unregulated/Closed	ENE	0.20 / 1,062.47	12	704
114	RCRA NON GEN	CON EDISON	230 BERRY ST & GRAND ST BROOKLYN NY 11211 ***EPA Handler ID:*** NYP004184099	SE	0.20 / 1,074.64	31	707
115	RCRA LQG	CON EDISON - SPLICE BOX 16203	94 NORTH 6 ST BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004734943	E	0.20 / 1,076.67	10	708
116	RCRA NON GEN	SPECTRONICS ELECTROPLATING CORP	66 S 2ND ST BROOKLYN NY 11211-5121 ***EPA Handler ID:*** NY0000075317	S	0.20 / 1,077.42	27	709
117	RCRA NON GEN	CON EDISON	WYTHE AVE & S 2ND ST BROOKLYN NY 11234 ***EPA Handler ID:*** NYP004784732	S	0.21 / 1,087.98	30	711
118	RCRA CESQG	NYCTA - 7TH STREET FAN PLANT	N 7TH & KENT ST BROOKLYN NY 11212 ***EPA Handler ID:*** NYR000017129	NE	0.21 / 1,088.50	6	712
119	RCRA LQG	CON EDISON - VAULT SUBMERSIBLE VS7223	N 7TH ST & KENT AVE INT BROOKLYN NY 11249	NE	0.21 / 1,089.44	6	714

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: NYP005118134				
120	RCRA NON GEN	NYC DEP	89 N 5TH ST BROOKLYN NY 11211 ***EPA Handler ID:*** NYP003669264	E	0.21 / 1,099.74	9	715
121	SWF/LF	Police Cars Unlimited Inc	60 South 2nd Street P.O. Box 770893 Brooklyn NY 11211	S	0.21 / 1,110.14	27	716
122	RCRA NON GEN	CON EDISON SERVICE BOX: 53556	157 WYTHE AVE BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004361747	ENE	0.22 / 1,135.36	14	716
123	RCRA NON GEN	CON EDISON MANHOLE: 14026	GRAND ST & BERRY ST INTERSECTI ON BROOKLYN NY 11211 ***EPA Handler ID:*** NYP004298493	SE	0.22 / 1,140.57	33	717
123	RCRA NON GEN	CON ED-MH 14029	GRAND ST & BERRY ST BROOKLYN NY 11211-0000 ***EPA Handler ID:*** NYP000928838	SE	0.22 / 1,140.57	33	718
124	AST	SCHIFF FOOD PRODUCTS	190 BERRY ST (107 N 3RD ST) 190 BERRY ST/107 N 3RD ST BROOKLYN NY 11211 ***Site ID | Site Status:*** 9891 | Inactive	ESE	0.22 / 1,156.38	21	719
125	RCRA NON GEN	CON EDISON	186 BERRY ST BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004744777	ESE	0.22 / 1,161.76	18	721
126	AST	ERDE BAKERY	170 WYTHE AVENUE BROOKLYN NY 11211 ***Site ID | Site Status:*** 22302 | Unregulated/Closed	ENE	0.22 / 1,165.66	14	722
126	UST	ERDE BAKERY	170 WYTHE AVENUE BROOKLYN NY 11211 ***Site ID | Site Status:*** 22302 | Unregulated/Closed	ENE	0.22 / 1,165.66	14	726
127	AST	SOUTH FIRST REALTY CORP.	90 SOUTH FIRST STREET 90 SO 1 ST BROOKLYN NY 11211 ***Site ID | Site Status:*** 3976 | Unregulated/Closed	SSE	0.22 / 1,175.76	37	728
128	TANKS	NORTHSIDE AUTO CORP	98 NORTH 5TH STREET BROOKLYN NY 11211 ***Site ID | Site Status:*** 338215 | Active	E	0.23 / 1,190.40	11	730
129	RCRA NON GEN	CON EDISON SERVICE BOX: 12082	BERRY ST & N 4TH ST NW COR BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004575601	ESE	0.23 / 1,191.21	16	731
130	UST	150 BERRY STREET	150 BERRY ST BROOKLYN NY 11211	E	0.23 / 1,197.44	10	732

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Site ID*	*Site Status:*** 404698 | Unregulated/Closed			
130	UST	RIZZO TRUCKING INC	91 N 5TH ST BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 33 | Unregulated/Closed	E	0.23 / 1,197.44	10	735
131	RCRA NON GEN	CON EDISON	85 N 6TH ST BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004770798	ENE	0.23 / 1,198.61	16	738
132	AST	115 KENT AVENUE.	115 KENT AVENUE BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 11207 | Inactive	NE	0.23 / 1,205.76	8	739
132	RCRA NON GEN	TANKS-A-LOT INC	115 KENT AVE BROOKLYN NY 11211-2813 ***EPA Handler ID:*** NYD981488414	NE	0.23 / 1,205.76	8	741
132	UST	103-117 KENT AVE	103-117 KENT AVE BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 453450 | Unregulated/Closed	NE	0.23 / 1,205.76	8	743
132	UST	115 KENT AVENUE.	115 KENT AVENUE BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 11207 | Inactive	NE	0.23 / 1,205.76	8	754
133	RCRA NON GEN	BROOKLYN EASTERN DISTRICT TERMINAL	116 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID:*** NYD980645907	NNE	0.23 / 1,222.11	-7	759
134	SWF/LF	NEKBOH RECYCLING(5 N. 7TH ST. REGISTRATI	5 NORTH 7TH STREET (KENT AVE BETWEEN NORTH 6 TO NORTH 7TH) Brooklyn NY 11211	NNE	0.24 / 1,242.63	-7	760
134	UST	EAST RIVER STATE PARK (FORMERLY BROOKLYN EASTERN	32 NORTH 8TH STREET BROOKLYN NY 11255 ***Site ID* | *Site Status:*** 335917 | Unregulated/Closed	NNE	0.24 / 1,242.63	-7	761
135	UST	GRAND SUITES, LLC	128-134 GRAND STREET A/K/A 251-255 BERRY STREET BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 419577 | Unregulated/Closed	SE	0.24 / 1,248.71	35	764
136	RCRA NON GEN	CON EDISON MANHOLE: 53555	WYTHE AVE & N 7TH ST SE COR BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004436184	ENE	0.24 / 1,252.65	17	772
137	RCRA NON GEN	CON EDISON SERVICE BOX: 16235	98 N 7TH ST BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004436176	ENE	0.24 / 1,252.78	18	773

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
138	UST	GARSHING CO., ZND.	201 BERRY STREET BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 25452 | Unregulated/Closed	ESE	0.24 / 1,256.05	20	773
139	RCRA NON GEN	CON EDISON	325 KENT AVE MH4818 BROOKLYN NY 11214 ***EPA Handler ID:*** NYP004791844	S	0.24 / 1,262.00	16	776
139	RCRA NON GEN	CON EDISON	325 KENT AVE SB12594 BROOKLYN NY 11214 ***EPA Handler ID:*** NYP004791851	S	0.24 / 1,262.00	16	777
140	RCRA NON GEN	CON EDISON	77 N 7TH ST BROOKLYN NY 11219 ***EPA Handler ID:*** NYP004879304	ENE	0.24 / 1,268.47	15	778
141	RCRA NON GEN	CON EDISON MANHOLE: 16227	93 N 6TH ST BROOKLYN NY 11211 ***EPA Handler ID:*** NYP004480638	E	0.24 / 1,273.58	19	778
141	RCRA NON GEN	CON EDISON	93 N 6TH ST BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004770806	E	0.24 / 1,273.58	19	779
142	RCRA NON GEN	CON EDISON	95 N 6TH ST BROOKLYN NY 11249 ***EPA Handler ID:*** NYP004735288	E	0.24 / 1,275.14	18	780
143	RCRA NON GEN	CON EDISON	W SIDE BERRY ST 120 FEET S OF N 5TH ST BROOKLYN NY 11211 ***EPA Handler ID:*** NYP004159133	E	0.24 / 1,285.24	13	781
144	AST	G & S DESIGNS, INC.	115 SOUTH 1ST STREET FORMERLY 314-326 WYTHE AVENUE BROOKLYN NY 11211 ***Site ID* | *Site Status:*** 22849 | Unregulated/Closed	SE	0.25 / 1,294.78	37	782
145	LST	BTWN NERRY ST & WHITE ST	65 SOUTH 3RD STREET BROOKLYN NY ***Site ID* | *Close Date:*** 213756 | 1996-11-22 00:00:00	S	0.26 / 1,380.37	34	784
146	LST	108 SOUTH 2ND STREET	108 SOUTH 2ND ST BROOKLYN NY ***Site ID* | *Close Date:*** 117343 | 2000-03-07 00:00:00	SSE	0.28 / 1,486.49	41	785
147	LST	146 WYTHE AVE/BROOKLYN	146 WYTHE AVENUE NEW YORK CITY NY ***Site ID* | *Close Date:*** 303096 | 1989-08-24 00:00:00	ENE	0.28 / 1,488.01	18	786
148	BROWNFIELDS	87 Kent Avenue	56 North 9th Street (aka 87 Kent Avenue) Brooklyn NY 11249	NE	0.29 / 1,546.92	10	787

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
148	BROWNFIELDS	87 Kent Avenue - (Off-Site)	56 North 9th Street (aka 87 Kent Avenue) Brooklyn NY 11249	NE	0.29 / 1,546.92	10	790
148	ENG	87 Kent Avenue	56 North 9th Street (aka 87 Kent Avenue) Brooklyn NY 11249	NE	0.29 / 1,546.92	10	791
148	INST	87 Kent Avenue	56 North 9th Street (aka 87 Kent Avenue) Brooklyn NY 11249	NE	0.29 / 1,546.92	10	793
149	LST	BASEMENT	315 BERRY ST BROOKLYN NY ***Site ID*	*Close Date:*** 560979 | 2017-11-22 00:00:00	SSE	0.32 / 1,706.20	39	796
150	LST	373 WYTHE AVENUE	373 WYTHE AVE BROOKLYN NY ***Site ID*	*Close Date:*** 95365 | 1994-03-04 00:00:00	S	0.33 / 1,760.40	30	797
151	CERCLIS	ALL PLATING CORP.	154 NORTH 7TH STREET BROOKLYN NY 11211 ***Site EPA ID:*** NYD001384072	E	0.33 / 1,762.99	22	798
151	CERCLIS NFRAP	ALL PLATING CORP.	154 NORTH 7TH STREET BROOKLYN NY 11211 ***Site EPA ID:*** NYD001384072	E	0.33 / 1,762.99	22	800
151	LST	154-158 NORTH 7TH ST/BKLY	154-158 NORTH 7TH STREET BROOKLYN NY ***Site ID*	*Close Date:*** 219940 | 2008-06-18 00:00:00	E	0.33 / 1,762.99	22	801
151	SEMS ARCHIVE	ALL PLATING CORP.	154 NORTH 7TH STREET BROOKLYN NY 11211 ***EPA ID:*** NYD001384072	E	0.33 / 1,762.99	22	802
152	LST	BAROUH EATON CORP	67 KENT AVENUE BROOKLYN NY ***Site ID*	*Close Date:*** 305030 | 2003-05-06 00:00:00	ENE	0.35 / 1,845.86	17	803
153	LST	COMMERCIAL BUILDING	93 NORTH 9TH STREET BROOKLYN NY ***Site ID*	*Close Date:*** 275967 | 2005-06-21 00:00:00	ENE	0.35 / 1,866.60	23	804
154	SWF/LF	East River Park Compost Yard	east river park; jackson street at FDR NEW YORK NY 10002	W	0.36 / 1,874.82	-9	805
155	LST	174 BEDFORD AVE/BKLYN	174 BEDFORD AVENUE NEW YORK CITY NY ***Site ID*	*Close Date:*** 308285 | 1990-11-08 00:00:00	E	0.37 / 1,942.79	24	805

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
156	LST	172 BEDFORD AVE/BKLYN	172 BEDFORD AVENUE NEW YORK CITY NY ***Site ID*	*Close Date:*** 301817 | 1995-05-25 00:00:00	E	0.37 / 1,949.03	24	806
157	LST	187 BEDFORD AVE - TTF	187 BEDFORD AVENUE BROOKLYN NY 11211 ***Site ID*	*Close Date:*** 147917 | 2015-03-24 00:00:00	E	0.37 / 1,966.25	20	806
158	HSWDS	BUG, Peoples Works	Kent Ave. Brooklyn 11211 NY	NE	0.37 / 1,969.47	5	807
158	HSWDS	BUG, Peoples Works	Kent Ave. Brooklyn 11211 NY	NE	0.37 / 1,969.47	5	808
158	HSWDS	BUG, Peoples Works	Kent Ave. Brooklyn 11211 NY	NE	0.37 / 1,969.47	5	810
158	HSWDS	BUG, Peoples Works	Kent Ave. Brooklyn 11211 NY	NE	0.37 / 1,969.47	5	811
159	CERCLIS	BKLYN UNION GAS /PEOPLES WORKS	KENT AVE S 10TH & 11TH STS BROOKLYN NY 11211 ***Site EPA ID:*** NYD980532105	NE	0.37 / 1,978.33	5	812
159	CERCLIS NFRAP	BKLYN UNION GAS /PEOPLES WORKS	KENT AVE S 10TH & 11TH STS BROOKLYN NY 11211 ***Site EPA ID:*** NYD980532105	NE	0.37 / 1,978.33	5	813
159	SEMS ARCHIVE	BKLYN UNION GAS /PEOPLES WORKS	KENT AVE S 10TH & 11TH STS BROOKLYN NY 11211 ***EPA ID:*** NYD980532105	NE	0.37 / 1,978.33	5	814
160	SHWS	K - Peoples Works	Kent Ave. S. 10th St., S. 11th St. Brooklyn NY 11211	NE	0.38 / 1,982.93	5	815
161	SHWS	Former El Puente	98-116 S. 4th St. Brooklyn NY 11249	SSE	0.38 / 1,983.09	40	816
161	VCP	98-116 South 4th Street (El Puente)	98-116 South 4th Street Brooklyn NY 11211-	SSE	0.38 / 1,983.09	40	817
162	LST	CLOSED-LACKOF RECENT INFO	167 NORTH 5TH STREET NEW YORK CITY NY ***Site ID*	*Close Date:*** 311970 | 2003-03-06 00:00:00	ESE	0.38 / 1,989.88	16	819

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
163	BROWNFIELDS	Williamsburg Bridgeview Apartments	105 S. 5th Street Brooklyn NY 11249	SSE	0.38 / 2,028.17	37	820
163	ENG	Williamsburg Bridgeview Apartments	105 S. 5th Street Brooklyn NY 11249	SSE	0.38 / 2,028.17	37	823
163	INST	Williamsburg Bridgeview Apartments	105 S. 5th Street Brooklyn NY 11249	SSE	0.38 / 2,028.17	37	826
164	LST	CLOSED-LACKOF RECENT INFO	390 KENT AVE NEW YORK CITY NY	SSW	0.38 / 2,029.05	-5	829
			***Site ID*	*Close Date:*** 262394 | 2003-03-04 00:00:00			
165	LST	ST VINCENT DEPAUL CHURCH	167 N. 6TH ST BROOKLYN NY	E	0.39 / 2,047.23	18	830
			***Site ID*	*Close Date:*** 177051 | 2005-12-21 00:00:00			
166	LST	MARTIN GURSHON	179 NORTH 6TH STREET BROOKLYN NY	E	0.41 / 2,158.27	16	831
			***Site ID*	*Close Date:*** 414529 | 2009-11-20 00:00:00			
166	LST	Spill Number 0104288	179 N 6TH STREET BROOKLYN NY	E	0.41 / 2,158.27	16	831
			***Site ID*	*Close Date:*** 306031 | 2003-12-12 00:00:00			
167	SWF/LF	NATIONAL PAPER STOCK; INC.	136 NORTH 10TH STREET Brooklyn NY 11211	ENE	0.42 / 2,204.25	21	832
168	SWF/LF	LOCAL TRANSFER STATION	353 BERRY STREET Brooklyn NY 11211	S	0.42 / 2,216.38	35	832
169	SWF/LF	Issaac D Inc	426 Wythe Avenue Brooklyn NY 11211	S	0.42 / 2,242.37	26	833
170	LST	BROOKLYN NORTH 01 DOS -DDC	50 KENT AVENUE BROOKLYN NY 11211	NE	0.43 / 2,246.04	-1	833
			***Site ID*	*Close Date:*** 290161 | 2005-05-31 00:00:00			
170	SHWS	Brooklyn North 1 Garage	50 Kent Avenue Brooklyn NY 11211	NE	0.43 / 2,246.04	-1	834
171	SWF/LF	NORTH 12TH ST. TRANSFER STA.	20 NORTH 12TH STREET Brooklyn NY 11222	NNE	0.43 / 2,257.37	-5	835

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
172	LST	COWIGS DRUG	14-16 SO BROADWAY RED HOOK NY ***Site ID	Close Date:*** 97187 | 1999-07-13 00:00:00	SSW	0.44 / 2,320.37	7	836
173	BROWNFIELDS	285 and 291 Metropolitan Ave	285, 291 Metropolitan Avenue Brooklyn NY 11211	ESE	0.44 / 2,327.96	18	837
174	LST	97 BROADWAY	97 BROADWAY BROOKLYN NY ***Site ID	Close Date:*** 105738 | 2006-03-28 00:00:00	S	0.44 / 2,346.95	31	838
175	SWF/LF	CONTAINER SERVICE CORP.	36 BROADWAY Brooklyn NY 11211	S	0.44 / 2,348.93	16	839
176	SHWS	K - Williamsburg Works	Kent Ave & 12th Street Brooklyn NY 11211-	NE	0.45 / 2,353.51	2	839
177	SEMS ARCHIVE	BKLYN UNION GAS /WILLIAMSBURGH WORKS	KENT AVE N 12TH ST /E RIV BROOKLYN NY 11211 ***EPA ID:*** NYD980532030	NE	0.45 / 2,365.50	2	841
178	BROWNFIELDS	K - Williamsburg Works	Kent Ave & 12th Street Brooklyn NY 11211-	NE	0.45 / 2,368.82	2	841
178	VCP	Williamsburg Works	Kent Ave & 12th Street Brooklyn NY 11211-	NE	0.45 / 2,368.82	2	842
179	HSWDS	BUG, Williamsburg Works	Kent Avenue, North 12th Street Brooklyn 11211 NY	NE	0.45 / 2,374.77	1	844
179	HSWDS	BUG, Williamsburg Works	Kent Avenue, North 12th Street Brooklyn 11211 NY	NE	0.45 / 2,374.77	1	845
179	HSWDS	BUG, Williamsburg Works	Kent Avenue, North 12th Street Brooklyn 11211 NY	NE	0.45 / 2,374.77	1	846
179	HSWDS	BUG, Williamsburg Works	Kent Avenue, North 12th Street Brooklyn 11211 NY	NE	0.45 / 2,374.77	1	847
179	HSWDS	BUG. Williamsburg Works	Kent Avenue. North 12th Street Brooklyn 11211 NY	NE	0.45 / 2,374.77	1	848

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
179	MGP	K - Williamsburg Works	Kent Ave & 12th Street Brooklyn NY 11211-	NE	0.45 / 2,374.77	1	849
180	CERCLIS	BKLYN UNION GAS /WILLIAMSBURGH WORKS	KENT AVE N 12TH ST /E RIV BROOKLYN NY 11211 ***Site EPA ID:*** NYD980532030	NE	0.45 / 2,384.00	1	850
180	CERCLIS NFRAP	BKLYN UNION GAS /WILLIAMSBURGH WORKS	KENT AVE N 12TH ST /E RIV BROOKLYN NY 11211 ***Site EPA ID:*** NYD980532030	NE	0.45 / 2,384.00	1	851
181	SHWS	Williamsburg - Former Pratt Refinery	26 N 12th St. Brooklyn NY 11211	NE	0.45 / 2,396.66	-4	852
182	LST	F N W MECHANICAL	139 NORTH 10TH STREET BROOKLYN NY 11211 ***Site ID | Close Date:*** 191515 | 2006-11-13 00:00:00	ENE	0.46 / 2,416.75	15	853
183	LST	METROPOLITAIN AVE AND	ROEBLING ST BROOKLYN NY ***Site ID | Close Date:*** 299218 | 1998-03-04 00:00:00	ESE	0.46 / 2,419.52	17	854
184	LST	WINTER RESIDENCE	167 N. 9TH ST BROOKLYN NY ***Site ID | Close Date:*** 381213 | 2007-05-10 00:00:00	E	0.46 / 2,428.42	14	855
185	BROWNFIELDS	416 Kent Avenue	416 Kent Avenue Brooklyn NY 11249	SSW	0.47 / 2,466.92	7	856
185	ENG	416 Kent Avenue	416 Kent Avenue Brooklyn NY 11249	SSW	0.47 / 2,466.92	7	858
185	INST	416 Kent Avenue	416 Kent Avenue Brooklyn NY 11249	SSW	0.47 / 2,466.92	7	860
186	BROWNFIELDS	Former Sterling Transformer Corp.	510 Driggs Avenue Brooklyn NY 11211	E	0.47 / 2,467.23	10	863
186	BROWNFIELDS	Former Sterling Transformer Corp. - Off-Site	510 Driggs Avenue Brooklyn NY 11211	E	0.47 / 2,467.23	10	867

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
187	BROWNFIELDS	34 Berry Street	34 Berry Street Brooklyn NY 11249	ENE	0.47 / 2,479.19	11	868
188	LST	COLBON OIL COMPANY	108 SOUTH BROADWAY RED HOOK NY ***Site ID*	*Close Date:*** 121777 | 1988-08-04 00:00:00	S	0.48 / 2,525.28	30	869
188	LST	AGWAY	108 SOUTH BROADWAY RED HOOK NY ***Site ID*	*Close Date:*** 123288 | 1988-04-13 00:00:00	S	0.48 / 2,525.28	30	870
188	LST	CULLEN RESIDENCE	108 SOUTH BROADWAY RED HOOK NY ***Site ID*	*Close Date:*** 164654 | 1995-06-07 00:00:00	S	0.48 / 2,525.28	30	871
189	BROWNFIELDS	Former Sunbelt Equipment	25 KENT AVENUE Brooklyn NY 11249	NE	0.48 / 2,538.95	4	872
189	INST	Former Sunbelt Equipment	25 KENT AVENUE Brooklyn NY 11249	NE	0.48 / 2,538.95	4	875
190	LST	BAYSIDE FUEL	1 NORTH 12TH STREET BROOKLYN NY ***Site ID*	*Close Date:*** 336794 | 2006-09-22 00:00:00	NE	0.49 / 2,561.50	-4	878
190	MOSF	BAYSIDE FUEL OIL DEPOT CORP.	1 NORTH 12TH STREET BROOKLYN NY 11211 ***Site ID*	*Site Status:*** 344682 | Inactive	NE	0.49 / 2,561.50	-4	879
190	PFAS	Bayside Fuel Oil Depot Corp - N 12th St (former)	1-65 North 12th St Brooklyn NY	NE	0.49 / 2,561.50	-4	879
190	VCP	Bayside Oil	1-65 North 12th Street Brooklyn NY 11211-	NE	0.49 / 2,561.50	-4	880
191	LST	NATIONS RENT	91 NORTH 12TH ST BROOKLYN NY ***Site ID*	*Close Date:*** 304635 | 2003-12-09 00:00:00	NE	0.49 / 2,575.16	6	881
192	BROWNFIELDS	94 N. 13th Street	94 N. 13th Street Brooklyn NY 11249	ENE	0.50 / 2,628.64	7	883
193	SHWS	K - Wythe Ave. Station	Wythe Ave., Berry St., N 12th & 13th St Brooklyn NY 11211	ENE	0.50 / 2,655.04	7	885
194	MGP	K - Wythe Ave. Station	Wythe Ave., Berry St., N 12th & 13th St	ENE	0.54 / 2,872.62	6	888

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Brooklyn NY 11211				
195	SHWS	215 North 10th Street	215 North 10th Street Brooklyn NY 11211	E	0.58 / 3,079.29	5	889
196	SHWS	BQE/Ansbacher Color & Dye Factory	Meeker Avenue Brooklyn NY	ESE	0.67 / 3,560.15	7	891
197	SHWS	CE - E. 11th St. MGP	East 11th - East 13th Sts. New York NY 10029	NW	0.68 / 3,575.94	-3	893
198	SHWS	Kent Avenue Generating Station	500 Kent Avenue Brooklyn NY 11211	S	0.74 / 3,892.71	2	895
199	SHWS	CE E.14th Street Works (East River Generating Sta)	East 14th Street Manhattan NY 10009	NNW	0.76 / 4,029.68	-1	896
200	SHWS	Brooklyn Navy Yard 13 Acre Parcel	Kent Avenue Brooklyn NY 11205-	S	0.81 / 4,272.83	2	898
201	SHWS	58 Greenpoint Ave.-OER	58 Greenpoint Ave. Brooklyn NY 11222	NNE	0.82 / 4,319.00	4	900
202	MGP	K-Nassau Works MGP	Kent Avenue Brooklyn NY 11205	S	0.82 / 4,331.10	-1	901
202	SHWS	K-Nassau Works MGP	Kent Avenue Brooklyn NY 11205	S	0.82 / 4,331.10	-1	901
203	SHWS	Former Berkman Bros Site	55 Eckford Street Brooklyn NY 11222	ENE	0.89 / 4,709.71	7	902
204	SHWS	City Barrel Co.	421-429 Meeker Street Brooklyn NY 11378	E	0.96 / 5,058.29	5	904
205	HSWDS	BUG, Nassau Works	Kent Avenue & Cross Street Brooklyn 11237 NY	S	0.99 / 5,221.64	3	905

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
205	HSWDS	BUG, Nassau Works	Kent Avenue & Cross Street Brooklyn 11237 NY	S	0.99 / 5,221.64	3	906
206	SHWS	Naval Station - Brooklyn	63 FLUSHING AVENUE BROOKLYN NY	SSW	0.99 / 5,249.87	-9	907

Executive Summary: Summary by Data Source

Standard

Federal

SEMS - SEMS List 8R Active Site Inventory

A search of the SEMS database, dated Jun 11, 2019 has found that there are 1 SEMS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FYN PAINT AND LACQUER CO., INC.	230 KENT AVENUE BROOKLYN NY 10007-1866 ***EPA ID**: NYC200400950*	SSE	0.02 / 83.44	9

SEMS ARCHIVE - SEMS List 8R Archive Sites

A search of the SEMS ARCHIVE database, dated Jun 11, 2019 has found that there are 3 SEMS ARCHIVE site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALL PLATING CORP.	154 NORTH 7TH STREET BROOKLYN NY 11211 ***EPA ID**: NYD001384072*	E	0.33 / 1,762.99	151
BKLYN UNION GAS /PEOPLES WORKS	KENT AVE S 10TH & 11TH STS BROOKLYN NY 11211 ***EPA ID**: NYD980532105*	NE	0.37 / 1,978.33	159
BKLYN UNION GAS /WILLIAMSBURGH WORKS	KENT AVE N 12TH ST /E RIV BROOKLYN NY 11211 ***EPA ID**: NYD980532030*	NE	0.45 / 2,365.50	177

CERCLIS - Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS

A search of the CERCLIS database, dated Oct 25, 2013 has found that there are 4 CERCLIS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FYN PAINT AND LACQUER CO., INC.	230 KENT AVENUE BROOKLYN NY 100071866 ***Site EPA ID**: NYC200400950*	SSE	0.02 / 83.44	9
ALL PLATING CORP.	154 NORTH 7TH STREET BROOKLYN NY 11211 ***Site EPA ID**: NYD001384072*	E	0.33 / 1,762.99	151
BKLYN UNION GAS /PEOPLES WORKS	KENT AVE S 10TH & 11TH STS BROOKLYN NY 11211	NE	0.37 / 1,978.33	159

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Site EPA ID**: NYD980532105*			
BKLYN UNION GAS /WILLIAMSBURGH WORKS	KENT AVE N 12TH ST /E RIV BROOKLYN NY 11211	NE	0.45 / 2,384.00	**180**
	***Site EPA ID**: NYD980532030*			

CERCLIS NFRAP - CERCLIS - No Further Remedial Action Planned

A search of the CERCLIS NFRAP database, dated Oct 25, 2013 has found that there are 3 CERCLIS NFRAP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALL PLATING CORP.	154 NORTH 7TH STREET BROOKLYN NY 11211	E	0.33 / 1,762.99	**151**
	***Site EPA ID**: NYD001384072*			
BKLYN UNION GAS /PEOPLES WORKS	KENT AVE S 10TH & 11TH STS BROOKLYN NY 11211	NE	0.37 / 1,978.33	**159**
	***Site EPA ID**: NYD980532105*			
BKLYN UNION GAS /WILLIAMSBURGH WORKS	KENT AVE N 12TH ST /E RIV BROOKLYN NY 11211	NE	0.45 / 2,384.00	**180**
	***Site EPA ID**: NYD980532030*			

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Jun 3, 2019 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
RADIAC RESEARCH CORP	33 S 1ST ST BROOKLYN NY 11249	S	0.11 / 592.17	**74**
	***EPA Handler ID**: NYD049178296*			

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Jun 3, 2019 has found that there are 1 RCRA TSD site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
RADIAC RESEARCH CORP	33 S 1ST ST BROOKLYN NY 11249	S	0.11 / 592.17	**74**
	***EPA Handler ID**: NYD049178296*			

RCRA LQG - RCRA Generator List

A search of the RCRA LQG database, dated Jun 3, 2019 has found that there are 9 RCRA LQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMER FYN PAINT& LACQUER CO INC	230 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID**: NYD001270867*	SSE	0.02 / 83.44	9
WILLIAMSBURG BUILDERS	164 KENT AVENUE BROOKLYN NY 11211 ***EPA Handler ID**: NYR000148247*	NE	0.09 / 456.18	53
149 KENT AVENUE	149 KENT AVE BROOKLYN NY 11249 ***EPA Handler ID**: NYR000160242*	ENE	0.14 / 756.79	88
CVS PHARMACY #4958	27 N 6TH ST BROOKLYN NY 11249 ***EPA Handler ID**: NYR000192880*	NE	0.17 / 872.62	98
CON EDISON - MANHOLE 59713	80 NORTH 5TH ST BROOKLYN NY 11211 ***EPA Handler ID**: NYP004301958*	E	0.17 / 897.69	101
PUBLIC SCHOOL 84K	250 BERRY ST BROOKLYN NY 11211 ***EPA Handler ID**: NYR000010462*	SSE	0.18 / 950.24	104
CON EDISON - SPLICE BOX 16203	94 NORTH 6 ST BROOKLYN NY 11249 ***EPA Handler ID**: NYP004734943*	E	0.20 / 1,076.67	115
CON EDISON - VAULT SUBMERSIBLE VS7223	N 7TH ST & KENT AVE INT BROOKLYN NY 11249 ***EPA Handler ID**: NYP005118134*	NE	0.21 / 1,089.44	119

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CON EDISON - MANHOLE 62166	85 NORTH 4 BROOKLYN NY 11211 ***EPA Handler ID**: NYP004300166*	NE	0.06 / 304.92	29

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Jun 3, 2019 has found that there are 3 RCRA SQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NY POWER AUTH - 1ST & GRAND SITE	N 1ST ST & RIVER ST BROOKLYN NY 11211 ***EPA Handler ID**: NYR000093781*	S	0.00 / 8.12	4
58 METROPOLITAN AVENUE	221 KENT AVE BROOKLYN NY 11211-3907 ***EPA Handler ID**: NYR000153056*	SE	0.05 / 242.52	23

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
AMERICAN SUGAR REFINING INC	266-316 KENT AVE BROOKLYN NY 11211-4131 ***EPA Handler ID**: NYR000109454*	SSW	0.20 / 1,049.49	111

RCRA CESQG - RCRA Conditionally Exempt and Very Small Quantity Generators List

A search of the RCRA CESQG database, dated Jun 3, 2019 has found that there are 6 RCRA CESQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CON EDISON - NORTH 1ST STREET TERMINAL	214 KENT AVE BROOKLYN NY 11222 ***EPA Handler ID**: NYD986931624*	E	0.02 / 89.65	11
CON EDISON - NORTH FIREST TERMINAL	214 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID**: NYD084077411*	E	0.02 / 89.65	11
CLEANERS SALES & EQUIPMENT	135 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID**: NYR000113480*	ENE	0.15 / 784.14	89
KI-TOV LAMP CO	76 N 4TH ST BROOKLYN NY 11211 ***EPA Handler ID**: NYR000039842*	ESE	0.18 / 928.48	103
H & B PLASTICS PLATING	299 WYTHE AVE BROOKLYN NY 11211 ***EPA Handler ID**: NYD982270597*	SSE	0.19 / 998.71	107
NYCTA - 7TH STREET FAN PLANT	N 7TH & KENT ST BROOKLYN NY 11212 ***EPA Handler ID**: NYR000017129*	NE	0.21 / 1,088.50	118

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jun 3, 2019 has found that there are 68 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CON EDISON - VS 1433	METROPOLITAN AVE. & RIVER ST. BROOKLYN NY 11206 ***EPA Handler ID**: NYP004110672*	ESE	0.00 / 8.98	5
M & K GAS & AUTO REPAIRS INC	50-02 METROPOLITAN AVE BROOKLYN NY 11237 ***EPA Handler ID**: NYD000824235*	SE	0.02 / 87.44	10
CON EDISON SERVICE BOX: 12588	214 KENT AVE BROOKLYN NY 11211	E	0.02 / 89.65	11

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: NYP004313193*			
CON EDISON	N 1ST ST & KENT AVE BROOKLYN NY 11249	SSE	0.03 / 171.64	18
	***EPA Handler ID**: NYP004735254*			
187 KENT OWNER LLC	187 KENT AVE BROOKLYN NY 11249	ESE	0.05 / 252.70	25
	***EPA Handler ID**: NYR000234195*			
CON EDISON	235 KENT AVE BROOKLYN NY 11249	SSE	0.05 / 268.89	26
	***EPA Handler ID**: NYP004826416*			
CON EDISON	29 GRAND ST & RIVER ST BROOKLYN NY 11211	S	0.05 / 272.27	27
	***EPA Handler ID**: NYP004184073*			
KING COLLISION	237 KENT AVE BROOKLYN NY 11211	SSE	0.05 / 283.51	28
	***EPA Handler ID**: NYR000042374*			
NYSDOT - B Q E BRIDGES	KENT AVE & GRAND ST BROOKLYN NY 11211	S	0.07 / 372.69	41
	***EPA Handler ID**: NYD986899862*			
CON EDISON	GRAND ST & KENT AVE BROOKLYN NY 11249	S	0.07 / 372.69	41
	***EPA Handler ID**: NYP004764858*			
CON EDISION - V6162/6328	164 KENT AVENUE 164 KENT AVENU BROOKLYN NY 10003	NE	0.09 / 456.18	53
	***EPA Handler ID**: NYP004093993*			
RADIAC RESEARCH CORP	261 KENT AVE BROOKLYN NY 11211	S	0.10 / 513.27	60
	***EPA Handler ID**: NYD986902138*			
COUGAR ELECTRONICS CORP	240 WYTHE AVE BROOKLYN NY 11211-3121	E	0.10 / 521.29	61
	***EPA Handler ID**: NYD044474955*			
CON EDISON VAULT V2803	242 WYTHE AVE FRONT OF BROOKLYN NY 11201	E	0.10 / 521.29	61
	***EPA Handler ID**: NYP004241428*			
CON EDISON VAULT 2803	242 WYTHE AVE BROOKLYN NY 11201	E	0.10 / 521.29	61
	***EPA Handler ID**: NYP004245213*			
CON EDISON VAULT 2803	242 WYTHE AVE BROOKLYN NY 11206	E	0.10 / 521.29	61

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: NYP004241576*			
TRIBORO SHELVING & PARTITION	296 WYTHE AVE BROOKLYN NY 11211-4118	SE	0.10 / 551.21	66
	***EPA Handler ID**: NY0000058206*			
NYNEX-MANHOLE	KENT AVE & N 5TH ST BROOKLYN NY 11201-0000	ENE	0.11 / 589.72	73
	***EPA Handler ID**: NYP000920330*			
RADIAC RESEARCH CORP	33 S 1ST ST BROOKLYN NY 11249	S	0.11 / 592.17	74
	***EPA Handler ID**: NYD049178296*			
S M WYTHE LLC	50 N 5TH ST BROOKLYN NY 11249	E	0.12 / 638.60	78
	***EPA Handler ID**: NYR000193193*			
CON EDISON	233 WYTHE AVE BROOKLYN NY 11249	ESE	0.13 / 675.58	82
	***EPA Handler ID**: NYP004745741*			
CON EDISON SERVICE BOX: 53573	261 WYTHE AVE BROOKLYN NY 11249	SE	0.13 / 680.76	83
	***EPA Handler ID**: NYP004570792*			
CON EDISON	40 N 6TH ST BROOKLYN NY 11249	NE	0.13 / 704.79	84
	***EPA Handler ID**: NYP004724266*			
WASTE MANAGEMENT OF NEW YORK	144-162 KENT AVE BROOKLYN NY 11211	NE	0.13 / 704.79	84
	***EPA Handler ID**: NYR000101972*			
CON EDISON	49 N 5TH ST BROOKLYN NY 11249	ENE	0.13 / 705.08	85
	***EPA Handler ID**: NYP004831091*			
ROHNER FURNITURE INC	100 METROPOLITAN AVE BROOKLYN NY 11211-3921	SE	0.14 / 756.14	87
	***EPA Handler ID**: NYD986884864*			
CON EDISON	149 KENT AVE BROOKLYN NY 11238	ENE	0.14 / 756.79	88
	***EPA Handler ID**: NYP004826374*			
CON EDISON	KENT AVE & S 2ND ST BROOKLYN NY 11234	S	0.15 / 787.99	90
	***EPA Handler ID**: NYP004784872*			
CON EDISON	KENT AVE & S 2ND ST BROOKLYN NY 11233	S	0.15 / 787.99	90

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: NYP004828705*			
NYSDEC 224177	135 KENT AVE - SIDEWALK BROOKLYN NY 11211	ENE	0.15 / 803.93	91
	***EPA Handler ID**: NYR000200394*			
DOMINO SUGAR CORP	49 S SECOND ST BROOKLYN NY 11211-5187	S	0.16 / 832.84	93
	***EPA Handler ID**: NYD001287945*			
CON EDISON	KENT AVE & N 6TH ST BROOKLYN NY 11215	NE	0.16 / 836.10	94
	***EPA Handler ID**: NYP004724043*			
CON ED - MH 64824	WYTHE AVE 115 N/O 5 ST BROOKLYN NY 11211-0000	E	0.16 / 852.39	97
	***EPA Handler ID**: NYP004009619*			
GARCIA-RIVERA PROPERTY	98 N 1ST ST BROOKLYN NY 11211-3936	SE	0.17 / 885.67	99
	***EPA Handler ID**: NYD981563737*			
CON EDISON	97 N 1ST ST & WYTHE AVE BROOKLYN NY 11233	SE	0.17 / 897.50	100
	***EPA Handler ID**: NYP004841728*			
CON EDISON	97 N 1ST ST & WYTHE AVE BROOKLYN NY 11233	SE	0.17 / 897.50	100
	***EPA Handler ID**: NYP004841694*			
STATE PIPE & NIPPLE CORP	185 WYTHE AVE BROOKLYN NY 11211-3120	E	0.17 / 897.69	101
	***EPA Handler ID**: NYD000831495*			
MERIT SCREEN PRINTING	80 N FIFTH ST BROOKLYN NY 11211-3125	E	0.17 / 897.69	101
	***EPA Handler ID**: NYD986972156*			
MTA NYCT - WILLIAMSBURG BRIDGE CIR #127 - J LINE	S 6TH ST BTW KENT & WYTHE AVES BROOKLYN NY 11249	ENE	0.17 / 905.25	102
	***EPA Handler ID**: NYR000200261*			
CENTURY WASTE SYSTEMS INC	57 N 6TH ST BROOKLYN NY 11211	ENE	0.19 / 979.32	105
	***EPA Handler ID**: NYD986875359*			
CON ED - VS 5413	N 6TH ST 60 EAST WYTHE AVE BROOKLYN NY 11236-0000	ENE	0.20 / 1,030.02	109
	***EPA Handler ID**: NYP004011920*			
CON EDISON	N 6TH ST & WYTHE ST BROOKLYN NY 11249	ENE	0.20 / 1,039.36	110

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: NYP004735122*			
LEXA METAL CORP	303 WYTHE AVE BROOKLYN NY 11211	SSE	0.20 / 1,055.55	**112**
	***EPA Handler ID**: NYD986987626*			
MONTROSE TEXTILE MACHINERY CO	71 N 6TH ST BROOKLYN NY 11211-3089	ENE	0.20 / 1,062.47	**113**
	***EPA Handler ID**: NYD986968006*			
CON EDISON	230 BERRY ST & GRAND ST BROOKLYN NY 11211	SE	0.20 / 1,074.64	**114**
	***EPA Handler ID**: NYP004184099*			
SPECTRONICS ELECTROPLATING CORP	66 S 2ND ST BROOKLYN NY 11211-5121	S	0.20 / 1,077.42	**116**
	***EPA Handler ID**: NY0000075317*			
CON EDISON	WYTHE AVE & S 2ND ST BROOKLYN NY 11234	S	0.21 / 1,087.98	**117**
	***EPA Handler ID**: NYP004784732*			
NYC DEP	89 N 5TH ST BROOKLYN NY 11211	E	0.21 / 1,099.74	**120**
	***EPA Handler ID**: NYP003669264*			
CON EDISON SERVICE BOX: 53556	157 WYTHE AVE BROOKLYN NY 11249	ENE	0.22 / 1,135.36	**122**
	***EPA Handler ID**: NYP004361747*			
CON EDISON MANHOLE: 14026	GRAND ST & BERRY ST INTERSECTION BROOKLYN NY 11211 ***EPA Handler ID**: NYP004298493*	SE	0.22 / 1,140.57	**123**
CON ED-MH 14029	GRAND ST & BERRY ST BROOKLYN NY 11211-0000	SE	0.22 / 1,140.57	**123**
	***EPA Handler ID**: NYP000928838*			
CON EDISON	186 BERRY ST BROOKLYN NY 11249	ESE	0.22 / 1,161.76	**125**
	***EPA Handler ID**: NYP004744777*			
CON EDISON SERVICE BOX: 12082	BERRY ST & N 4TH ST NW COR BROOKLYN NY 11249	ESE	0.23 / 1,191.21	**129**
	***EPA Handler ID**: NYP004575601*			
CON EDISON	85 N 6TH ST BROOKLYN NY 11249	ENE	0.23 / 1,198.61	**131**
	***EPA Handler ID**: NYP004770798*			
TANKS-A-LOT INC	115 KENT AVE BROOKLYN NY 11211-2813	NE	0.23 / 1,205.76	**132**

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: NYD981488414*			
CON EDISON MANHOLE: 53555	WYTHE AVE & N 7TH ST SE COR BROOKLYN NY 11249 ***EPA Handler ID**: NYP004436184*	ENE	0.24 / 1,252.65	**136**
CON EDISON SERVICE BOX: 16235	98 N 7TH ST BROOKLYN NY 11249 ***EPA Handler ID**: NYP004436176*	ENE	0.24 / 1,252.78	**137**
CON EDISON	325 KENT AVE MH4818 BROOKLYN NY 11214 ***EPA Handler ID**: NYP004791844*	S	0.24 / 1,262.00	**139**
CON EDISON	325 KENT AVE SB12594 BROOKLYN NY 11214 ***EPA Handler ID**: NYP004791851*	S	0.24 / 1,262.00	**139**
CON EDISON	77 N 7TH ST BROOKLYN NY 11219 ***EPA Handler ID**: NYP004879304*	ENE	0.24 / 1,268.47	**140**
CON EDISON MANHOLE: 16227	93 N 6TH ST BROOKLYN NY 11211 ***EPA Handler ID**: NYP004480638*	E	0.24 / 1,273.58	**141**
CON EDISON	93 N 6TH ST BROOKLYN NY 11249 ***EPA Handler ID**: NYP004770806*	E	0.24 / 1,273.58	**141**
CON EDISON	95 N 6TH ST BROOKLYN NY 11249 ***EPA Handler ID**: NYP004735288*	E	0.24 / 1,275.14	**142**
CON EDISON	W SIDE BERRY ST 120 FEET S OF N 5TH ST BROOKLYN NY 11211 ***EPA Handler ID**: NYP004159133*	E	0.24 / 1,285.24	**143**

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTH 4TH PLACE LLC	1 N 4TH PL BROOKLYN NY 11249 ***EPA Handler ID**: NYR000197970*	NE	0.06 / 308.91	**30**
JUMBO CARTING REFUSE	2 N FIFTH ST BROOKLYN NY 11211 ***EPA Handler ID**: NYD982539371*	NE	0.10 / 544.71	**64**
V2032	10-13 GRAND STREET NEW YORK CITY NY 11206 ***EPA Handler ID**: NYP004043543*	SSW	0.20 / 1,049.49	**111**

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BROOKLYN EASTERN DISTRICT TERMINAL	116 KENT AVE BROOKLYN NY 11211 ***EPA Handler ID**: NYD980645907*	NNE	0.23 / 1,222.11	133

ERNS - Emergency Response Notification System

A search of the ERNS database, dated Mar 21, 2019 has found that there are 3 ERNS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	41-81 METROPOLITAN AVE BROOKLYN NY	E	0.02 / 89.65	11
	214 KENT AVE AND NORTH 1ST STREET-CON ED,FACILITY NEW YORK NY	E	0.02 / 89.65	11

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	105 RIVER ST. BROOKLYN NY	-	0.00 / 0.00	3

State

SHWS - Registry of Inactive Hazardous Waste Disposal Sites in New York State

A search of the SHWS database, dated May 28, 2019 has found that there are 19 SHWS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Fyn Paint and Lacquer Co., Inc.	230 Kent Avenue Brooklyn NY 11249	SSE	0.02 / 83.44	9
Former Cleaners Sales & Equipment Corp	135 Kent Avenue Brooklyn NY 11249	ENE	0.15 / 784.14	89
K - Peoples Works	Kent Ave. S. 10th St., S. 11th St. Brooklyn NY 11211	NE	0.38 / 1,982.93	160
Former El Puente	98-116 S. 4th St. Brooklyn NY 11249	SSE	0.38 / 1,983.09	161
K - Williamsburg Works	Kent Ave & 12th Street Brooklyn NY 11211-	NE	0.45 / 2,353.51	176

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
K - Wythe Ave. Station	Wythe Ave., Berry St., N 12th & 13th St Brooklyn NY 11211	ENE	0.50 / 2,655.04	193
215 North 10th Street	215 North 10th Street Brooklyn NY 11211	E	0.58 / 3,079.29	195
BQE/Ansbacher Color & Dye Factory	Meeker Avenue Brooklyn NY	ESE	0.67 / 3,560.15	196
Kent Avenue Generating Station	500 Kent Avenue Brooklyn NY 11211	S	0.74 / 3,892.71	198
Brooklyn Navy Yard 13 Acre Parcel	Kent Avenue Brooklyn NY 11205-	S	0.81 / 4,272.83	200
58 Greenpoint Ave.-OER	58 Greenpoint Ave. Brooklyn NY 11222	NNE	0.82 / 4,319.00	201
Former Berkman Bros Site	55 Eckford Street Brooklyn NY 11222	ENE	0.89 / 4,709.71	203
City Barrel Co.	421-429 Meeker Street Brooklyn NY 11378	E	0.96 / 5,058.29	204

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Brooklyn North 1 Garage	50 Kent Avenue Brooklyn NY 11211	NE	0.43 / 2,246.04	170
Williamsburg - Former Pratt Refinery	26 N 12th St. Brooklyn NY 11211	NE	0.45 / 2,396.66	181
CE - E. 11th St. MGP	East 11th - East 13th Sts. New York NY 10029	NW	0.68 / 3,575.94	197
CE E.14th Street Works (East River Generating Sta)	East 14th Street Manhattan NY 10009	NNW	0.76 / 4,029.68	199
K-Nassau Works MGP	Kent Avenue Brooklyn NY 11205	S	0.82 / 4,331.10	202

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Naval Station - Brooklyn	63 FLUSHING AVENUE BROOKLYN NY	SSW	0.99 / 5,249.87	206

SWF/LF - Solid Waste Facilities and Landfills

A search of the SWF/LF database, dated Jul 2, 2019 has found that there are 18 SWF/LF site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
V. M. TRANSFER; LTD.(CARDELLA)	175 KENT AVE Brooklyn NY 11211	E	0.07 / 366.86	39
JORAL CARTING INC.	157 KENT AVE. Brooklyn NY 12211	E	0.07 / 377.06	42
Police Cars Unlimited Inc	60 South 2nd Street P.O. Box 770893 Brooklyn NY 11211	S	0.21 / 1,110.14	121
NATIONAL PAPER STOCK; INC.	136 NORTH 10TH STREET Brooklyn NY 11211	ENE	0.42 / 2,204.25	167
LOCAL TRANSFER STATION	353 BERRY STREET Brooklyn NY 11211	S	0.42 / 2,216.38	168
Issaac D Inc	426 Wythe Avenue Brooklyn NY 11211	S	0.42 / 2,242.37	169
CONTAINER SERVICE CORP.	36 BROADWAY Brooklyn NY 11211	S	0.44 / 2,348.93	175

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Recycle America Alliance (a WasteManagement of NY company)	2 North 5th Street Brooklyn NY 11237	NE	0.10 / 544.71	64
DeMicco Bros. Inc.	2 North 5th Street Brooklyn NY 11111	NE	0.10 / 544.71	64
WASTE MANAGEMENT OF NEW YORK (USAWASTE S	2 NORTH 5TH STREET Brooklyn NY 11211	NE	0.10 / 544.71	64

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEKBOH RECYCLING INC. (2 N. 5TH ST.)	2 NORTH 5TH STREET Brooklyn NY 11211	NE	0.10 / 544.71	64
NEKBOH RECYCLING INC. (2 N. 5TH ST.)	2 NORTH 5TH STREET Brooklyn NY 11211	NE	0.10 / 544.71	64
BJR REALTY CORP.	6O SOUTH 2ND STREET (WYTHE ST.) Brooklyn NY 11211	SSW	0.14 / 738.86	86
BJR REALTY CORP.	6O SOUTH 2ND STREET (WYTHE ST.) Brooklyn NY 11211	SSW	0.14 / 738.86	86
BJR REALTY CORP.	6O SOUTH 2ND STREET (WYTHE ST.) Brooklyn NY 11211	SSW	0.14 / 738.86	86
NEKBOH RECYCLING(5 N. 7TH ST. REGISTRATI	5 NORTH 7TH STREET (KENT AVE BETWEEN NORTH 6 TO NORTH 7TH) Brooklyn NY 11211	NNE	0.24 / 1,242.63	134
East River Park Compost Yard	east river park; jackson street at FDR NEW YORK NY 10002	W	0.36 / 1,874.82	154
NORTH 12TH ST. TRANSFER STA.	20 NORTH 12TH STREET Brooklyn NY 11222	NNE	0.43 / 2,257.37	171

LST - Leaking Storage Tanks

A search of the LST database, dated Aug 21, 2019 has found that there are 35 LST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FYN PAINT	33 NORTH 1ST STREET BROOKLYN NY	SSE	0.02 / 83.44	9
	Site ID* | *Close Date: *197936* | *2000-05-23 00:00:00*			
46-11 METROPOLITAN AVE	46-11 METROPOLITAN AVE BROOKLYN NY	SE	0.02 / 87.44	10
	Site ID* | *Close Date: *303971* | *1996-12-12 00:00:00*			
N 1ST ST & KENT AV/CON ED	NORTH 1ST ST & KENT AVE NEW YORK CITY NY	SSE	0.03 / 163.20	17

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Site ID* | *Close Date: *230666* | *1990-11-24 00:00:00*			
D61 KENT AVE. BKLYN/RADIA	261 KENT AVE. NEW YORK CITY NY	S	0.10 / 513.27	60
	Site ID* | *Close Date: *211204* | *1987-08-05 00:00:00*			
SOUTH 2ND AVE & KENT AVE	SOUTH 2ND AVE & KENT AVE BROOKLYN NY	S	0.15 / 804.98	92
	Site ID* | *Close Date: *163233* | *1988-04-28 00:00:00*			
CLOSED-LACKOF RECENT INFO	49 SOUTH 2ND STREET NEW YORK CITY NY	S	0.16 / 832.84	93
	Site ID* | *Close Date: *73688* | *2003-03-14 00:00:00*			
CLOSED-LACKOF RECENT INFO	49 SOUTH 2ND ST. NEW YORK CITY NY	S	0.16 / 832.84	93
	Site ID* | *Close Date: *265300* | *2003-03-13 00:00:00*			
BTWN NERRY ST & WHITE ST	65 SOUTH 3RD STREET BROOKLYN NY	S	0.26 / 1,380.37	145
	Site ID* | *Close Date: *213756* | *1996-11-22 00:00:00*			
108 SOUTH 2ND STREET	108 SOUTH 2ND ST BROOKLYN NY	SSE	0.28 / 1,486.49	146
	Site ID* | *Close Date: *117343* | *2000-03-07 00:00:00*			
146 WYTHE AVE/BROOKLYN	146 WYTHE AVENUE NEW YORK CITY NY	ENE	0.28 / 1,488.01	147
	Site ID* | *Close Date: *303096* | *1989-08-24 00:00:00*			
BASEMENT	315 BERRY ST BROOKLYN NY	SSE	0.32 / 1,706.20	149
	Site ID* | *Close Date: *560979* | *2017-11-22 00:00:00*			
373 WYTHE AVENUE	373 WYTHE AVE BROOKLYN NY	S	0.33 / 1,760.40	150
	Site ID* | *Close Date: *95365* | *1994-03-04 00:00:00*			
154-158 NORTH 7TH ST/BKLY	154-158 NORTH 7TH STREET BROOKLYN NY	E	0.33 / 1,762.99	151
	Site ID* | *Close Date: *219940* | *2008-06-18 00:00:00*			
BAROUH EATON CORP	67 KENT AVENUE BROOKLYN NY	ENE	0.35 / 1,845.86	152
	Site ID* | *Close Date: *305030* | *2003-05-06 00:00:00*			
COMMERCIAL BUILDING	93 NORTH 9TH STREET BROOKLYN NY	ENE	0.35 / 1,866.60	153
	Site ID* | *Close Date: *275967* | *2005-06-21 00:00:00*			
174 BEDFORD AVE/BKLYN	174 BEDFORD AVENUE NEW YORK CITY NY	E	0.37 / 1,942.79	155

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Site ID* | *Close Date: *308285* | *1990-11-08 00:00:00*			
172 BEDFORD AVE/BKLYN	172 BEDFORD AVENUE NEW YORK CITY NY	E	0.37 / 1,949.03	156
	Site ID* | *Close Date: *301817* | *1995-05-25 00:00:00*			
187 BEDFORD AVE - TTF	187 BEDFORD AVENUE BROOKLYN NY 11211	E	0.37 / 1,966.25	157
	Site ID* | *Close Date: *147917* | *2015-03-24 00:00:00*			
CLOSED-LACKOF RECENT INFO	167 NORTH 5TH STREET NEW YORK CITY NY	ESE	0.38 / 1,989.88	162
	Site ID* | *Close Date: *311970* | *2003-03-06 00:00:00*			
ST VINCENT DEPAUL CHURCH	167 N. 6TH ST BROOKLYN NY	E	0.39 / 2,047.23	165
	Site ID* | *Close Date: *177051* | *2005-12-21 00:00:00*			
MARTIN GURSHON	179 NORTH 6TH STREET BROOKLYN NY	E	0.41 / 2,158.27	166
	Site ID* | *Close Date: *414529* | *2009-11-20 00:00:00*			
Spill Number 0104288	179 N 6TH STREET BROOKLYN NY	E	0.41 / 2,158.27	166
	Site ID* | *Close Date: *306031* | *2003-12-12 00:00:00*			
COWIGS DRUG	14-16 SO BROADWAY RED HOOK NY	SSW	0.44 / 2,320.37	172
	Site ID* | *Close Date: *97187* | *1999-07-13 00:00:00*			
97 BROADWAY	97 BROADWAY BROOKLYN NY	S	0.44 / 2,346.95	174
	Site ID* | *Close Date: *105738* | *2006-03-28 00:00:00*			
F N W MECHANICAL	139 NORTH 10TH STREET BROOKLYN NY 11211	ENE	0.46 / 2,416.75	182
	Site ID* | *Close Date: *191515* | *2006-11-13 00:00:00*			
METROPOLITAIN AVE AND	ROEBLING ST BROOKLYN NY	ESE	0.46 / 2,419.52	183
	Site ID* | *Close Date: *299218* | *1998-03-04 00:00:00*			
WINTER RESIDENCE	167 N. 9TH ST BROOKLYN NY	E	0.46 / 2,428.42	184
	Site ID* | *Close Date: *381213* | *2007-05-10 00:00:00*			
COLBON OIL COMPANY	108 SOUTH BROADWAY RED HOOK NY	S	0.48 / 2,525.28	188
	Site ID* | *Close Date: *121777* | *1988-08-04 00:00:00*			
AGWAY	108 SOUTH BROADWAY RED HOOK NY	S	0.48 / 2,525.28	188

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Site ID* | *Close Date: *123288* | *1988-04-13 00:00:00*			
CULLEN RESIDENCE	108 SOUTH BROADWAY RED HOOK NY	S	0.48 / 2,525.28	188
	Site ID* | *Close Date: *164654* | *1995-06-07 00:00:00*			
NATIONS RENT	91 NORTH 12TH ST BROOKLYN NY	NE	0.49 / 2,575.16	191
	Site ID* | *Close Date: *304635* | *2003-12-09 00:00:00*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
USA WASTE OF NYC	2 N 5TH ST BROOKLYN NY	NE	0.10 / 544.71	64
	Site ID* | *Close Date: *172840* | *2005-11-23 00:00:00*			
CLOSED-LACKOF RECENT INFO	390 KENT AVE NEW YORK CITY NY	SSW	0.38 / 2,029.05	164
	Site ID* | *Close Date: *262394* | *2003-03-04 00:00:00*			
BROOKLYN NORTH 01 DOS - DDC	50 KENT AVENUE BROOKLYN NY 11211	NE	0.43 / 2,246.04	170
	Site ID* | *Close Date: *290161* | *2005-05-31 00:00:00*			
BAYSIDE FUEL	1 NORTH 12TH STREET BROOKLYN NY	NE	0.49 / 2,561.50	190
	Site ID* | *Close Date: *336794* | *2006-09-22 00:00:00*			

UST - Underground Storage Tanks- UST-Petroleum Bulk Storage (PBS)

A search of the UST database, dated Jun 26, 2019 has found that there are 20 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FYN PAINT & LAQUER CO. INC.	230 Kent Avenue Brooklyn NY 11211	SSE	0.02 / 83.44	9
	Site ID* | *Site Status: *340099* | *Unregulated/Closed*			
240 KENT AVE.	240 KENT AVE BROOKLYN NY 11211	S	0.02 / 123.51	12
	Site ID* | *Site Status: *14940* | *Unregulated/Closed*			
215 KENT AVE	215 KENT AVE BROOKLYN NY 11211	SE	0.05 / 238.92	21
	Site ID* | *Site Status: *444673* | *Unregulated/Closed*			
BLISS & TANNENBAUM, L.P.	58 METROPOLITIAN AVENUE BROOKLYN NY 12201	ESE	0.05 / 239.94	22
	Site ID* | *Site Status: *340820* | *Unregulated/Closed*			
KENT ASSOCIATES	259 KENT AVENUE BROOKLYN NY 11211	S	0.09 / 460.32	55

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Site ID* | *Site Status: *11636* | *Unregulated/Closed*			
METRO REALTY	100 METROPOLITAN AVE BROOKLYN NY 11211	SE	0.14 / 756.14	87
	Site ID* | *Site Status: *18510* | *Unregulated/Closed*			
JIN HAIN FOOD PRODUCTS INC.	181 WYTHE AVENUE BROOKLYN NY 11211	E	0.16 / 839.36	95
	Site ID* | *Site Status: *515743* | *Unregulated/Closed*			
94 NORTH 3RD STREET	94 NORTH 3RD STREET BROOKLYN NY 11249	ESE	0.16 / 846.73	96
	Site ID* | *Site Status: *554274* | *Unregulated/Closed*			
76 NORTH 4TH STREET	76 NORTH 4TH STREET BROOKLYN NY 11211	ESE	0.18 / 928.48	103
	Site ID* | *Site Status: *389754* | *Unregulated/Closed*			
MONTROSE SUPPLY & EQUIP CO	71 NORTH 6TH ST BROOKLYN NY 11211	ENE	0.20 / 1,062.47	113
	Site ID* | *Site Status: *160* | *Unregulated/Closed*			
ERDE BAKERY	170 WYTHE AVENUE BROOKLYN NY 11211	ENE	0.22 / 1,165.66	126
	Site ID* | *Site Status: *22302* | *Unregulated/Closed*			
150 BERRY STREET	150 BERRY ST BROOKLYN NY 11211	E	0.23 / 1,197.44	130
	Site ID* | *Site Status: *404698* | *Unregulated/Closed*			
RIZZO TRUCKING INC	91 N 5TH ST BROOKLYN NY 11211	E	0.23 / 1,197.44	130
	Site ID* | *Site Status: *33* | *Unregulated/Closed*			
103-117 KENT AVE	103-117 KENT AVE BROOKLYN NY 11211	NE	0.23 / 1,205.76	132
	Site ID* | *Site Status: *453450* | *Unregulated/Closed*			
115 KENT AVENUE.	115 KENT AVENUE BROOKLYN NY 11211	NE	0.23 / 1,205.76	132
	Site ID* | *Site Status: *11207* | *Inactive*			
GRAND SUITES, LLC	128-134 GRAND STREET A/K/A 251-255 BERRY STREET BROOKLYN NY 11211 ***Site ID* | *Site Status***: *419577* | *Unregulated/Closed*	SE	0.24 / 1,248.71	135
GARSHING CO., ZND.	201 BERRY STREET BROOKLYN NY 11211	ESE	0.24 / 1,256.05	138
	Site ID* | *Site Status: *25452* | *Unregulated/Closed*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
USA WASTE SERVICES, INC.	2 NORTH FIFTH STREET BROOKLYN NY 11211	NE	0.10 / 544.71	64
	Site ID* | *Site Status: *24490* | *Unregulated/Closed*			
GRAND MORGAN REALTY CORP.	10-27 GRAND STREET BROOKLYN NY 11011	SSW	0.20 / 1,049.49	111
	Site ID* | *Site Status: *28216* | *Unregulated/Closed*			
EAST RIVER STATE PARK (FORMERLY BROOKLYN EASTERN	32 NORTH 8TH STREET BROOKLYN NY 11255	NNE	0.24 / 1,242.63	134
	Site ID* | *Site Status: *335917* | *Unregulated/Closed*			

AST - The Bulk Storage Program Database - AST

A search of the AST database, dated Jun 26, 2019 has found that there are 17 AST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FYN PAINT & LAQUER CO. INC.	230 Kent Avenue Brooklyn NY 11211	SSE	0.02 / 83.44	9
	Site ID* | *Site Status: *340099* | *Unregulated/Closed*			
NORTH FIRST STREET FUEL OIL TERMINAL	214 KENT AVENUE BROOKLYN NY 11222	E	0.02 / 89.65	11
	Site ID* | *Site Status: *340040* | *Unregulated/Closed*			
EMULSION SYSTEM INC	215 KENT AVENUE BROOKLYN NY 11211	SE	0.05 / 238.92	21
	Site ID* | *Site Status: *274* | *Unregulated/Closed*			
UNICO TRUCK REPAIR CORNER INC.	274 WYTHE AVENUE BROOKLYN NY 11205	SE	0.09 / 451.44	52
	Site ID* | *Site Status: *28827* | *Unregulated/Closed*			
FNW REALTY	151 KENT AVENUE BROOKLYN NY 11211	ENE	0.10 / 506.02	58
	Site ID* | *Site Status: *1323* | *Unregulated/Closed*			
R.E. HOLDING CO.	63 NORTH 3RD STREET BROOKLYN NY 11211	E	0.10 / 521.29	61
	Site ID* | *Site Status: *30238* | *Unregulated/Closed*			
4 GS TRUCK RENTING CO.	150 KENT AVENUE BROOKLYN NY 11211	NE	0.13 / 704.79	84
	Site ID* | *Site Status: *29902* | *Unregulated/Closed*			
CLEANER SALES & EQUIPMENT CORP.	135 KENT AVENUE Brooklyn NY 11211	ENE	0.15 / 784.14	89
	Site ID* | *Site Status: *339689* | *Unregulated/Closed*			
DOMINO SUGAR CORP.-BROOKLYN REFINERY	49 SOUTH 2ND STREET BROOKLYN NY 11211-5187	S	0.16 / 832.84	93

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Site ID* | *Site Status: *340656* | *Unregulated/Closed*			
PUBLIC SCHOOL 84 - BROOKLYN K084	250 BERRY STREET Brooklyn NY 11249	SSE	0.18 / 950.24	104
	Site ID* | *Site Status: *17797* | *Active*			
BERRY ENTERPRISES	109 NORTH 3RD STREET 107 NORTH 3RD STREET BROOKLYN NY 11211 ***Site ID* | *Site Status***: *29114* | *Unregulated/Closed*	ESE	0.19 / 1,020.21	108
MONTROSE SUPPLY & EQUIP CO	71 NORTH 6TH ST BROOKLYN NY 11211	ENE	0.20 / 1,062.47	113
	Site ID* | *Site Status: *160* | *Unregulated/Closed*			
SCHIFF FOOD PRODUCTS	190 BERRY ST (107 N 3RD ST) 190 BERRY ST/107 N 3RD ST BROOKLYN NY 11211 ***Site ID* | *Site Status***: *9891* | *Inactive*	ESE	0.22 / 1,156.38	124
ERDE BAKERY	170 WYTHE AVENUE BROOKLYN NY 11211	ENE	0.22 / 1,165.66	126
	Site ID* | *Site Status: *22302* | *Unregulated/Closed*			
SOUTH FIRST REALTY CORP.	90 SOUTH FIRST STREET 90 SO 1 ST BROOKLYN NY 11211 ***Site ID* | *Site Status***: *3976* | *Unregulated/Closed*	SSE	0.22 / 1,175.76	127
115 KENT AVENUE.	115 KENT AVENUE BROOKLYN NY 11211	NE	0.23 / 1,205.76	132
	Site ID* | *Site Status: *11207* | *Inactive*			
G & S DESIGNS, INC.	115 SOUTH 1ST STREET FORMERLY 314-326 WYTHE AVENUE BROOKLYN NY 11211 ***Site ID* | *Site Status***: *22849* | *Unregulated/Closed*	SE	0.25 / 1,294.78	144

DELISTED TANKS - Delisted Storage Tanks

A search of the DELISTED TANKS database, dated Jun 26, 2019 has found that there are 6 DELISTED TANKS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FYN PAINT & LAQUER CO. INC.	230 KENT AVENUE BROOKLYN NY 11211	SSE	0.02 / 83.44	9
NORTH FIRST STREET FUEL OIL TERMINAL	214 KENT AVENUE BROOKLYN NY 11222	E	0.02 / 89.65	11
215 KENT AVE	215 KENT AVE BROOKLYN NY 11211	SE	0.05 / 238.92	21

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BLISS & TANNENBAUM, L.P.	58 METROPOLITIAN AVENUE BROOKLYN NY 12201	ESE	0.05 / 239.94	22
CLEANER SALES & EQUIPMENT CORP.	135 KENT AVENUE Brooklyn NY 11211	ENE	0.15 / 784.14	89
DOMINO SUGAR CORP.-BROOKLYN REFINERY	49 SOUTH 2ND STREET BROOKLYN NY 11211-5187	S	0.16 / 832.84	93

TANKS - Petroleum Bulk Storage

A search of the TANKS database, dated Jun 26, 2019 has found that there are 2 TANKS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEW YORK POWER AUTHORITY-KENT	NORTHWEST CORNER OF NORTH 1ST & RIVER BROOKLYN NY 11211 ***Site ID* | *Site Status**: 381980 | *Active*	S	0.00 / 8.12	4
NORTHSIDE AUTO CORP	98 NORTH 5TH STREET BROOKLYN NY 11211 ***Site ID* | *Site Status**: 338215 | *Active*	E	0.23 / 1,190.40	128

CBS - Chemical Bulk Storage (CBS)

A search of the CBS database, dated Jun 26, 2019 has found that there are 1 CBS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEW YORK POWER AUTHORITY-KENT	NORTHWEST CORNER OF NORTH 1ST & RIVER BROOKLYN NY 11211 ***Site ID* | *Site Status**: 341794 | *Active*	S	0.00 / 8.12	4

MOSF - Major Oil Storage Facilities (MOSF)

A search of the MOSF database, dated Jun 26, 2019 has found that there are 4 MOSF site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WILLIAMS MASPETH TERMINAL INC.	46-75 METROPOLITAN AVE BROOKLYN NY 11237 ***Site ID* | *Site Status**: 345027 | *Inactive*	SE	0.02 / 87.44	10
NORTH FIRST STREET FUEL OIL TERMINAL	214 KENT AVENUE BROOKLYN NY 11222 ***Site ID* | *Site Status**: 344634 | *Inactive*	E	0.02 / 89.65	11

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
DOMINO SUGAR REFINERY	316 KENT AVENUE BROOKLYN NY 11211 ***Site ID* | *Site Status***: *344902* | *Inactive*	SSW	0.20 / 1,049.49	111
BAYSIDE FUEL OIL DEPOT CORP.	1 NORTH 12TH STREET BROOKLYN NY 11211 ***Site ID* | *Site Status***: *344682* | *Inactive*	NE	0.49 / 2,561.50	190

ENG - Registry of Engineering Controls in New York State

A search of the ENG database, dated May 28, 2019 has found that there are 4 ENG site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
149 Kent Avenue	149 Kent Avenue Brooklyn NY 11211	ENE	0.14 / 756.79	88
87 Kent Avenue	56 North 9th Street (aka 87 Kent Avenue) Brooklyn NY 11249	NE	0.29 / 1,546.92	148
Williamsburg Bridgeview Apartments	105 S. 5th Street Brooklyn NY 11249	SSE	0.38 / 2,028.17	163
416 Kent Avenue	416 Kent Avenue Brooklyn NY 11249	SSW	0.47 / 2,466.92	185

INST - Registry of Institutional Controls in New York State

A search of the INST database, dated May 28, 2019 has found that there are 6 INST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Fyn Paint and Lacquer Co., Inc.	230 Kent Avenue Brooklyn NY 11249	SSE	0.02 / 83.44	9
149 Kent Avenue	149 Kent Avenue Brooklyn NY 11211	ENE	0.14 / 756.79	88
87 Kent Avenue	56 North 9th Street (aka 87 Kent Avenue) Brooklyn NY 11249	NE	0.29 / 1,546.92	148
Williamsburg Bridgeview Apartments	105 S. 5th Street Brooklyn NY 11249	SSE	0.38 / 2,028.17	163

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
416 Kent Avenue	416 Kent Avenue Brooklyn NY 11249	SSW	0.47 / 2,466.92	185
Former Sunbelt Equipment	25 KENT AVENUE Brooklyn NY 11249	NE	0.48 / 2,538.95	189

VCP - Voluntary Cleanup Agreements

A search of the VCP database, dated May 28, 2019 has found that there are 4 VCP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Fyn Paint and Lacquer Co., Inc.	230 Kent Avenue Brooklyn NY 11249	SSE	0.02 / 83.44	9
98-116 South 4th Street (El Puente)	98-116 South 4th Street Brooklyn NY 11211-	SSE	0.38 / 1,983.09	161
Williamsburg Works	Kent Ave & 12th Street Brooklyn NY 11211-	NE	0.45 / 2,368.82	178

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Bayside Oil	1-65 North 12th Street Brooklyn NY 11211-	NE	0.49 / 2,561.50	190

ERP - Environmental Restoration Program Listing

A search of the ERP database, dated May 28, 2019 has found that there are 1 ERP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Radiac Research	261 Kent Ave Brooklyn NY 11211	S	0.10 / 513.27	60

BROWNFIELDS - Brownfields Site List (Subset of Site Remediation)

A search of the BROWNFIELDS database, dated May 28, 2019 has found that there are 15 BROWNFIELDS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Fyn Paint and Lacquer Co., Inc. - Off-Site	230 Kent Avenue Brooklyn NY 11249	SSE	0.02 / 83.44	9

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Fyn Paint and Lacquer Co., Inc.	230 Kent Avenue Brooklyn NY 11249	SSE	0.02 / 83.44	9
149 Kent Avenue	149 Kent Avenue Brooklyn NY 11211	ENE	0.14 / 756.79	88
Former Cleaners Sales & Equipment Corp	135 Kent Avenue Brooklyn NY 11249	ENE	0.15 / 784.14	89
87 Kent Avenue - (Off-Site)	56 North 9th Street (aka 87 Kent Avenue) Brooklyn NY 11249	NE	0.29 / 1,546.92	148
87 Kent Avenue	56 North 9th Street (aka 87 Kent Avenue) Brooklyn NY 11249	NE	0.29 / 1,546.92	148
Williamsburg Bridgeview Apartments	105 S. 5th Street Brooklyn NY 11249	SSE	0.38 / 2,028.17	163
285 and 291 Metropolitan Ave	285, 291 Metropolitan Avenue Brooklyn NY 11211	ESE	0.44 / 2,327.96	173
K - Williamsburg Works	Kent Ave & 12th Street Brooklyn NY 11211-	NE	0.45 / 2,368.82	178
416 Kent Avenue	416 Kent Avenue Brooklyn NY 11249	SSW	0.47 / 2,466.92	185
Former Sterling Transformer Corp.	510 Driggs Avenue Brooklyn NY 11211	E	0.47 / 2,467.23	186
Former Sterling Transformer Corp. - Off-Site	510 Driggs Avenue Brooklyn NY 11211	E	0.47 / 2,467.23	186
34 Berry Street	34 Berry Street Brooklyn NY 11249	ENE	0.47 / 2,479.19	187
Former Sunbelt Equipment	25 KENT AVENUE Brooklyn NY 11249	NE	0.48 / 2,538.95	189

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
94 N. 13th Street	94 N. 13th Street Brooklyn NY 11249	ENE	0.50 / 2,628.64	192

HSWDS - Hazardous Substance Waste Disposal Sites

A search of the HSWDS database, dated Oct 24, 2003 has found that there are 11 HSWDS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BUG, Peoples Works	Kent Ave. Brooklyn 11211 NY	NE	0.37 / 1,969.47	158
BUG, Peoples Works	Kent Ave. Brooklyn 11211 NY	NE	0.37 / 1,969.47	158
BUG, Peoples Works	Kent Ave. Brooklyn 11211 NY	NE	0.37 / 1,969.47	158
BUG, Peoples Works	Kent Ave. Brooklyn 11211 NY	NE	0.37 / 1,969.47	158
BUG. Williamsburg Works	Kent Avenue. North 12th Street Brooklyn 11211 NY	NE	0.45 / 2,374.77	179
BUG, Williamsburg Works	Kent Avenue, North 12th Street Brooklyn 11211 NY	NE	0.45 / 2,374.77	179
BUG, Williamsburg Works	Kent Avenue, North 12th Street Brooklyn 11211 NY	NE	0.45 / 2,374.77	179
BUG, Williamsburg Works	Kent Avenue, North 12th Street Brooklyn 11211 NY	NE	0.45 / 2,374.77	179
BUG, Williamsburg Works	Kent Avenue, North 12th Street Brooklyn 11211 NY	NE	0.45 / 2,374.77	179
BUG, Nassau Works	Kent Avenue & Cross Street Brooklyn 11237 NY	S	0.99 / 5,221.64	205

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BUG, Nassau Works	Kent Avenue & Cross Street Brooklyn 11237 NY	S	0.99 / 5,221.64	205

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Apr 23, 2019 has found that there are 6 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NY POWER AUTH - 1ST & GRAND SITE	N 1ST ST & RIVER ST BROOKLYN NY 11211	S	0.00 / 8.12	4
N 1ST STREET PLANT	NORTH 1ST ST & RIVER ST BROOKLYN NY 11211	S	0.00 / 8.12	4
CON EDISON - VS 1433	METROPOLITAN AVE. & RIVER ST. BROOKLYN NY 11206	ESE	0.00 / 8.98	5
M & K GAS & AUTO REPAIRS INC	50-02 METROPOLITAN AVE BROOKLYN NY 11237	SE	0.02 / 87.44	10
CON ED-N 1ST ST FUEL OIL TERMINAL	214 KENT AVENUE BROOKLYN NY 11211-3909	E	0.02 / 89.65	11
CON EDISON SERVICE BOX: 12588	214 KENT AVE BROOKLYN NY 11211	E	0.02 / 89.65	11

ICIS - Integrated Compliance Information System (ICIS)

A search of the ICIS database, dated Nov 18, 2016 has found that there are 7 ICIS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
N 1ST STREET PLANT	N 1ST ST & RIVER ST BROOKLYN NY 11249	S	0.00 / 8.12	4
FYN PAINT & LACQUER CO INC-230 KENT AVE	230 KENT AVENUE BROOKLYN NY 11211	SSE	0.02 / 83.44	9

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FYN PAINT & LACQUER CO INC-230 KENT AVE	230 KENT AVENUE BROOKLYN NY 11211	SSE	0.02 / 83.44	9
FYN PAINT & LACQUER CO INC	230 KENT AVE BROOKLYN NY 11211	SSE	0.02 / 83.44	9
CON ED-N 1ST ST FUEL OIL TERMINAL	214 KENT AVE BROOKLYN NY 112113909	E	0.02 / 89.65	11
NORTH 1ST ST FUEL OIL TERMINAL	214 KENT AVE BROOKLYN NY 11222	E	0.02 / 89.65	11
CON ED-N 1ST ST FUEL OIL TERMINAL	214 KENT AVE BROOKLYN NY 112113909	E	0.02 / 89.65	11

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Jun 26, 2019 has found that there are 6 ALT FUELS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
iPark 22/34 N 6th Garage Corp - Tesla Destination	22 N 5th St Brooklyn NY 11211	NE	0.10 / 548.33	65
iPark NYC 2234 North 6th - Tesla Destination	34 North 6th St Brooklyn NY 11249	NE	0.13 / 704.79	84
iPark 34 N 7th Street - Tesla Destination	34 N 7th St Brooklyn NY 11249	NE	0.19 / 983.49	106
iPark 34 N 7th Street - Valet - Tesla Destination	34 N 7th St Brooklyn NY 11249	NE	0.19 / 983.49	106

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ProPark 184 Kent Ave - Tesla Destination	184 Kent Ave Brooklyn NY 11249	NNE	0.02 / 125.47	13
City Parking Linc Garage - Tesla Destination	62 Northside Piers Brooklyn NY 11249	NE	0.08 / 430.33	50

PCB - Polychlorinated Biphenyl (PCB) Notifiers

A search of the PCB database, dated Mar 20, 2019 has found that there are 1 PCB site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
RADIAC RESEARCH CORP.	33 SOUTH 1ST ST. BROOKLYN NY 11211	S	0.11 / 592.17	74

State

MGP - Manufactured Gas Plants

A search of the MGP database, dated Jul 19, 2019 has found that there are 3 MGP site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
K - Williamsburg Works	Kent Ave & 12th Street Brooklyn NY 11211-	NE	0.45 / 2,374.77	179
K - Wythe Ave. Station	Wythe Ave., Berry St., N 12th & 13th St Brooklyn NY 11211	ENE	0.54 / 2,872.62	194

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
K-Nassau Works MGP	Kent Avenue Brooklyn NY 11205	S	0.82 / 4,331.10	202

NY SPILLS - Spill Incidents Database

A search of the NY SPILLS database, dated Aug 21, 2019 has found that there are 70 NY SPILLS site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTH 1ST ST FUEL OIL TERMINAL	NORTH 1ST ST AND RIVER RD BROOKLYN NY	S	0.00 / 8.12	4
	Site ID **|** ***Close Date****: 461044* | *2012-03-01 00:00:00*			
SHEEN TO SOIL	NORTH 1ST ST AND RIVER ST BROOKLYN NY	S	0.00 / 8.12	4
	Site ID **|** ***Close Date****: 460936* | *2012-07-24 00:00:00*			
KENT FACILITY	north first and river st brooklyn NY	S	0.00 / 8.12	4
	Site ID **|** ***Close Date****: 435249* | *2010-05-25 00:00:00*			
AT INTERSECTION	NORTH FIRST ST AND RIVER ST BROOKLYN NY	S	0.00 / 8.12	4

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Site ID* | *Close Date: *586421* | *2019-04-19 00:00:00*			
EAST RIVER LIPA PLANT	NORTH 1ST ST/RIVER ST WILLIAMSBURG NY	S	0.00 / 8.12	4
	Site ID* | *Close Date: *180594* | *2001-06-15 00:00:00*			
Spill Number 0012366	RIVER ST & NORTH 1ST ST BROOKLYN NY	S	0.00 / 8.12	4
	Site ID* | *Close Date: *168656* | *2003-02-13 00:00:00*			
29 N FIRST STREET	29 N FIRST STREET MANHATTAN NY	S	0.00 / 8.12	4
	Site ID* | *Close Date: *206366* | *1993-09-20 00:00:00*			
VAULT 4048	RIVER ST/METROPOLITAN AV BROOKLYN NY	ESE	0.00 / 8.98	5
	Site ID* | *Close Date: *164045* | *2003-09-26 00:00:00*			
NORTH 3RD ST./RIVER RD.	210 FT. WEST OF... BROOKLYN NY	ENE	0.00 / 19.88	7
	Site ID* | *Close Date: *371133* | *2006-10-10 00:00:00*			
1 GAL HYDRAULIC OIL FROM DRILL RIG	NORTH 3 STREET & RIVER STREET BROOKLYN NY	ENE	0.00 / 19.88	7
	Site ID* | *Close Date: *371119* | *2006-12-21 00:00:00*			
46-41 METROPOLITAN AVE.	46-41 METROPOLITAN AVE BROOKLYN NY	SE	0.02 / 87.44	10
	Site ID* | *Close Date: *208276* | *1993-01-07 00:00:00*			
CON ED FUEL DEPOT	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *304350* | *2003-07-10 00:00:00*			
NORTH FIRST SUB STATION	214 KENT AVE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *426147* | *2010-03-17 00:00:00*			
NORTH 1ST ST FUEL DEPOT	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *304352* | *2009-09-22 00:00:00*			
IN FRONT OF	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *304353* | *2004-02-09 00:00:00*			
NORTH 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *59588* | *2012-09-06 00:00:00*			
NORTH 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Site ID* | *Close Date: *304351* | *2008-05-12 00:00:00*			
KENT AVE YARD	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *337239* | *2005-02-08 00:00:00*			
CON EDISON BUILDING	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *59590* | *2008-11-14 00:00:00*			
NORTH 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *304354* | *2004-11-12 00:00:00*			
NORTH FIRST STREET FUEL OIL TERMINAL	214 KENT AVENUE MOSF 2-1480 BROOKLYN NY 11222	E	0.02 / 89.65	11
	Site ID* | *Close Date: *460960* | *2012-03-01 00:00:00*			
NORTH 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *304355* |			
CON ED FUEL OIL FACILITY	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *97054* | *2005-12-12 00:00:00*			
CON ED-N 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *304349* | *2001-06-20 00:00:00*			
NORTH 1ST ST TERMINAL	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *304348* | *2001-08-20 00:00:00*			
NORTH FIRST STREET	214 KENT AVENUE BROOKLYN NY	E	0.02 / 89.65	11
	Site ID* | *Close Date: *59589* | *2004-07-16 00:00:00*			
240 KENT AVE/YORK DISPLAY	240 KENT AVE NEW YORK CITY NY	S	0.02 / 123.51	12
	Site ID* | *Close Date: *140420* | *1988-06-09 00:00:00*			
KAY ROCK SCREEN PRINTING	210 kent ave / 2nd floor brooklyn NY	SE	0.03 / 162.23	16
	Site ID* | *Close Date: *434921* | *2010-05-18 00:00:00*			
NORTH 1ST ST TERMINAL	N FIRST ST & KENT AV BROOKLYN NY	SSE	0.03 / 163.20	17
	Site ID* | *Close Date: *104301* | *2008-05-12 00:00:00*			
NORTH 1ST/KENT AVE.	NORTH 1ST ST & KENT AVE NEW YORK CITY NY	SSE	0.03 / 163.20	17

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Site ID* | *Close Date: *230665* | *1995-06-07 00:00:00*			
NORTH 1ST ST TERMINAL	NORTH 1ST ST & KENT AVE NEW YORK CITY NY	SSE	0.03 / 163.20	17
	Site ID* | *Close Date: *230664* | *1990-07-15 00:00:00*			
NORTH 1ST AND KENT AVE	NORTH 1ST & KENT AVE BROOKLYN NY	SSE	0.03 / 163.20	17
	Site ID* | *Close Date: *220748* | *2006-06-15 00:00:00*			
KENT FACILITY	4779 river st north first brooklyn NY	SSE	0.03 / 171.64	18
	Site ID* | *Close Date: *453020* | *2011-08-11 00:00:00*			
NORTH 1ST STREET AND	NORTH 1ST ST $ RIVER BROOKLYN NY	SSE	0.03 / 171.64	18
	Site ID* | *Close Date: *281224* | *2001-06-15 00:00:00*			
MVA	IN FRONT OF 235 KENT AVE BROOKLYN NY	SSE	0.05 / 268.89	26
	Site ID* | *Close Date: *541177* | *2017-02-15 00:00:00*			
SERVICE BOX 20114	33 GRAND ST BROOKLYN NY	S	0.06 / 341.93	34
	Site ID* | *Close Date: *579372* | *2018-12-14 00:00:00*			
EXCAVATION - PIPELINE 7	KENT AVE N/O NORTH 4TH ST BROOKLYN NY	ENE	0.07 / 344.96	35
	Site ID* | *Close Date: *337738* | *2006-08-17 00:00:00*			
262-266 KENT AVE	262-266 KENT AVE BROOKLYNN NY	S	0.07 / 358.39	38
	Site ID* | *Close Date: *406480* | *2010-12-28 00:00:00*			
GROUND	GRAND ST AND KENT AVE BROOKLYN NY	S	0.07 / 372.69	41
	Site ID* | *Close Date: *577051* | *2018-09-12 00:00:00*			
ANTHONY CONCRETE	175 KENT AVE BROOKLYN NY	E	0.08 / 399.82	47
	Site ID* | *Close Date: *245280* | *2000-12-04 00:00:00*			
VAULT 6162	IFO 164 KENT AVE BROOKLYN NY	NE	0.09 / 456.18	53
	Site ID* | *Close Date: *88050* | *2002-02-19 00:00:00*			
CONSTRUCITON SITE	164 KENT AVE BROOKLYN NY	NE	0.09 / 456.18	53
	Site ID* | *Close Date: *372531* | *2006-10-26 00:00:00*			
VACANT LOT	157 KENT AVE BROOKLYN NY	E	0.09 / 463.99	56

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Site ID* | *Close Date: *398858* | *2013-07-16 00:00:00*			
SIX GALLONS OIL IN VAULTS	242 WYTHE AVENUE BROOKLYN NY	E	0.10 / 521.29	61
	Site ID* | *Close Date: *394780* | *2008-05-19 09:34:00*			
290 WYTHE AV	290 WYTHE AVE BROOKLYN NY	SE	0.10 / 551.21	66
	Site ID* | *Close Date: *311018* | *1988-07-06 00:00:00*			
STREET EXCAVATION	KENT & NORTH 5TH BROOKLYN NY	ENE	0.11 / 584.89	72
	Site ID* | *Close Date: *384575* | *2009-10-15 00:00:00*			
AT INTERSECTION	NORTH 5TH AND KENT BROOKLYN NY	ENE	0.11 / 584.89	72
	Site ID* | *Close Date: *509885* | *2015-07-02 00:00:00*			
VAULT 1198	1198 KENT AVE BROOKLYN NY	S	0.12 / 618.47	77
	Site ID* | *Close Date: *195216* | *2002-10-30 00:00:00*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
FACILITY	87 RIVER ST BROOKLYN NY	-	0.00 / 0.00	1
	Site ID* | *Close Date: *554977* | *2017-09-11 00:00:00*			
LINE FAILURE	87 RIVER ST/ METRO AVE BROOKLYN NY	-	0.00 / 0.00	1
	Site ID* | *Close Date: *463409* | *2012-06-15 00:00:00*			
TANK FARM	105 RIVER ST BROOKLYN NY	-	0.00 / 0.00	3
	Site ID* | *Close Date: *458444* | *2012-08-23 00:00:00*			
EAST RIVER	105 RIVER ST BROOKLYN NY	-	0.00 / 0.00	3
	Site ID* | *Close Date: *460981* | *2012-05-04 00:00:00*			
EXCAVATION	105 RIVER ST BROOKLYN NY	-	0.00 / 0.00	3
	Site ID* | *Close Date: *460965* | *2012-02-24 00:00:00*			
KENT POWER PLANT	47-79 RIVER STREET BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *444126* | *2011-01-10 00:00:00*			
INDUSTRIAL POWER PLANT	47-79 RIVER STREET BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *453172* | *2011-08-30 00:00:00*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
KENT POWER PLANT	47-79 RIVER ST BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *449307* | *2011-05-19 00:00:00*			
NYPA	47-79 RIVER ST BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *444317* | *2011-01-21 00:00:00*			
PLANT SITE	4749 RIVER ST BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *171841* | *2002-08-22 00:00:00*			
AIR	47-79 RIVER ST BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *447446* | *2011-04-05 00:00:00*			
KENT POWER PLANT	47-79 RIVER ST AND NORTH 1 BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *482715* | *2013-06-05 00:00:00*			
POWER PLANT SPILL	47-79 RIVER STREET SECONDARY CONTAINMENT BROOKLYN NY 11211	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *448656* | *2011-05-03 00:00:00*			
POWER PLANT	47-79 RIVER ST BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *445254* | *2011-02-17 00:00:00*			
AIR	47-79 RIVER STREET BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *446368* | *2011-03-14 00:00:00*			
KENT FACILITY	47-79 RIVER STREET BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *447575* | *2011-04-08 00:00:00*			
POWER PLANT	47-79 RIVER STREET BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *446910* | *2011-03-21 00:00:00*			
KENT POWERPLANT FACILITY	47-79 RIVER ST BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *482738* | *2013-06-05 00:00:00*			
KENT FACILTY NY POWER AUTH	47-79 RIVER ST BROOKLYN NY	SSW	0.03 / 161.94	15
	Site ID* | *Close Date: *447829* | *2011-04-14 00:00:00*			
Spill Number 9900648	RIVER & GRAND ST BROOKLYN NY	SSW	0.04 / 229.28	20
	Site ID* | *Close Date: *175346* | *1999-04-19 00:00:00*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
AIR	4779 RIVER ST BROOKLYN NY	SSW	0.07 / 380.04	43
	Site ID* | *Close Date: *447967 | 2011-04-15 00:00:00*			
KENT POWER PLANT	4779 RIVER ST BROOLYN NY	SSW	0.07 / 380.04	43
	Site ID* | *Close Date: *565981 | 2018-01-17 00:00:00*			

PFAS - Per- and Polyfluoroalkyl Substances (PFAS)

A search of the PFAS database, dated Jan 16, 2019 has found that there are 1 PFAS site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Bayside Fuel Oil Depot Corp - N 12th St (former)	1-65 North 12th St Brooklyn NY	NE	0.49 / 2,561.50	190

REC MANIFEST - Receivers from Hazardous Waste Manifests

A search of the REC MANIFEST database, dated Jan 14, 2019 has found that there are 2 REC MANIFEST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
RADIAC RESEARCH CORP	261 KENT AVE BROOKLYN NY 11211	S	0.10 / 513.27	60
RADIAC RESEARCH CORP	33 S 1ST ST BROOKLYN NY 11211	S	0.11 / 592.17	74

GEN MANIFEST - Generators from Hazardous Waste Manifests

A search of the GEN MANIFEST database, dated Jan 14, 2019 has found that there are 45 GEN MANIFEST site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CONSOLIDATED EDISON	METROPOLITAN & RIVER AVE BROOKLYN NY	-	0.00 / 0.00	2
NYPA	NORTH 1ST & RIVER ST BROOKLYN NY 11211	S	0.00 / 8.12	4
CONSOLIDATED EDISON	V2597-METROPOLITAN & RIVER ST BROOKLYN NY	ESE	0.00 / 17.15	6
FYN PAINT AND LACQUER CO INC	230 KENT AVENUE BROOKLYN NY 11211	SSE	0.02 / 83.44	9

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CONSOLIDATED EDISON	214 KENT AVE BROOKLYN NY 11211	E	0.02 / 89.65	11
CON EDISON	214 KENT AVE SERV BOX 12588 BROOKLYN NY 11249	E	0.02 / 89.65	11
CONSOLIDATED EDISON	V1856-214 KENT AVE BROOKLYN NY	ESE	0.03 / 158.78	14
CON EDISON	N 1ST ST & KENT AVE SB 16134 BROOKLYN NY 11249	SSE	0.03 / 163.20	17
CONSOLIDATED EDISON	KENT AVE & METROPOLITAN BR BROOKLYN NY 11201	ESE	0.03 / 174.47	19
STEINER WILLIAMSBURG LLC	221 KENT AVE BROOKLYN NY 11211	SE	0.05 / 238.92	21
CON EDISON	FO 231 KENT AVE SB 12591 BROOKLYN NY 11249	SSE	0.05 / 251.22	24
CON EDISON	231 KENT AVE STRUCTURE # 12591 BROOKLYN NY	SSE	0.05 / 251.22	24
CON EDISON	231 KENT AV SB12591 BROOKLYN NY 11211	SSE	0.05 / 251.22	24
CON EDISON	231 KENT AVE STRUCTURE # 12591 BROOKLYN NY	SSE	0.05 / 251.22	24
187 KENT OWNER LLC	187 KENT AVE BROOKLYN NY 11249	ESE	0.05 / 252.70	25
CON EDISON	235 KENT AVE F/O SB 12591 BROOKLYN NY 11249	SSE	0.05 / 268.89	26

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
KING COLLISION	237 KENT AVE BROOKLYN NY 11211	SSE	0.05 / 283.51	28
CON EDISON	61 METROPOLITAN AVE SB 61607 BROOKLYN NY 11249	ESE	0.06 / 309.64	31
CON EDISON	GRAND ST & KENT AVE TM 1143 BROOKLYN NY 11249	S	0.07 / 372.69	41
CON EDISON	OPP 40 N 4TH ST SB 65600 BROOKLYN NY 11249	E	0.07 / 377.06	42
CONSOLIDATED EDISON	29 GRAND ST - MH14011 BROOKLYN NY 11202	S	0.07 / 394.34	45
CONSOLIDATED EDISON	164 KENT AVE V61626328 & CHAM BROOKLYN NY 11201	NE	0.09 / 456.18	53
WILLIAMSBURG BUILDERS LLC C/O RD MGMT	164 KENT AVENUE BROOKLYN NY 11211	NE	0.09 / 456.18	53
COUGAR ELECTRONICS	240 WYTHE AVE BROOKLYN NY 11211	E	0.10 / 521.29	61
CONSOLIDATED EDISON	242 WYTHE AVE BROOKLYN NY 11201	E	0.10 / 521.29	61
CONSOLIDATED EDISON	242 WYTHE AVE BROOKLYN NY 11201	E	0.10 / 521.29	61
CON EDISON	296 WYTHE AVE & 1ST BROOKLYN NY 11249	SE	0.10 / 551.21	66
CON EDISON	FRONT OF 90S METROPOLITAN AV SB15329 BROOKLYN NY 11211	ESE	0.11 / 559.64	67
CON EDISON	OPP 66 N 4TH ST SB 16163 BROOKLYN NY 11249	E	0.11 / 565.94	68

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NYNEX	KENT AVE & N 5TH ST BROOKLYN NY 11201	ENE	0.11 / 589.72	73
NYC DEPT PARKS & RECREATION	33 S 1ST ST BROOKLYN NY	S	0.11 / 592.17	74
DATA SCOPE	33 S 1ST ST BROOKLYN NY 11211	S	0.11 / 592.17	74
RADIAC RESEARCH CORP	33 S 1ST ST BROOKLYN NY 11211	S	0.11 / 592.17	74
NYCDEP	33 S 1ST ST BROOKLYN NY	S	0.11 / 592.17	74
NYCDEP	33 S 1ST ST BROOKLYN NY	S	0.11 / 592.17	74
WASTE MANAGEMENT OF NY	144 162 KENT AVE BROOKLYN NY 11211	ENE	0.11 / 597.55	75
CON EDISON	FRONT OF 62 GRAND ST SB14119 BROOKLYN NY 11201	SSE	0.12 / 608.50	76
S M WYTHE LLC	50 NORTH 5TH STREET BROOKLYN NY 11249	E	0.12 / 638.60	78
CON EDISON	NW COR WYTHE AVE & GRANT ST MH 4859 BROOKLYN NY 11211	SSE	0.12 / 653.75	79
CON EDISON	GRAND ST & WHYTHE AV SB4859 BROOKLYN NY 11211	SSE	0.12 / 653.75	79
CON EDISON	WYTHE AVE & GRAND ST VS 04979 BROOKLYN NY 11249	SSE	0.12 / 657.75	80
CON EDISON	F/O 45 SOUTH FIRST ST SB37684 BROOKLYN NY 11211	S	0.13 / 661.15	81

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CON EDISON	85 NORTH 4 BROOKLYN NY 11211	NE	0.06 / 304.92	29
NORTH 4TH PLACE LLC	1 NORTH 4TH PLACE BROOKLYN NY 11249	NNE	0.07 / 368.97	40
JUMBO CARTING & REFUSE	2 N FIFTH ST BROOKLYN NY 11211	NE	0.10 / 544.71	64

TIER 2 - Tier 2 Report

A search of the TIER 2 database, dated Jan 28, 2019 has found that there are 3 TIER 2 site(s) within approximately 0.12 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
New York State Power Authority - Ken Gas Turbine Generator	47-79 River St Brooklyn NY 11211	SSW	0.03 / 161.94	15
Nypa Kent Gas Turbine Generator	47-79 River Street Brooklyn NY 22112	SSW	0.03 / 161.94	15
New York Power Authority - Kent Gas Turbine Generator	47-79 River Street Brooklyn NY 11211	SSW	0.03 / 161.94	15

County

E DESIGNATION - New York City E-Designated Sites

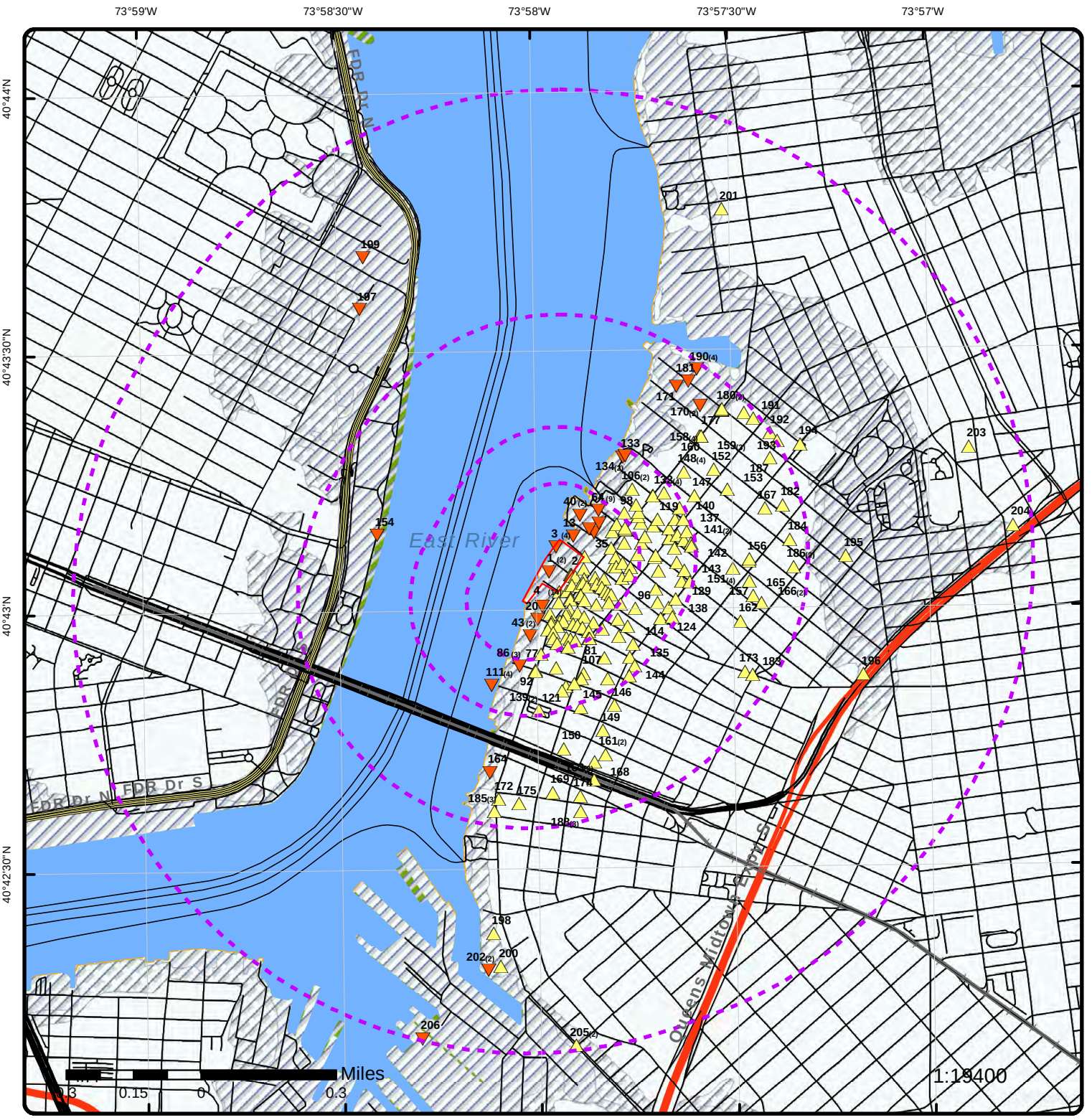
A search of the E DESIGNATION database, dated Mar 27, 2019 has found that there are 26 E DESIGNATION site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
AINSLIE VENTURE LLC	31 METROPOLITAN AVENUE Brooklyn NY 11211	ESE	0.01 / 62.60	8
187 KENT OWNER LLC	187 KENT AVENUE Brooklyn NY 11249	ESE	0.05 / 252.70	25
HANCOCK REALTY LLC	235 KENT AVENUE Brooklyn NY 11249	SSE	0.05 / 268.89	26
235-237 KENT AVENUE G	237 KENT AVENUE Brooklyn NY 11249	SSE	0.05 / 283.51	28

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
RINGSIDE, INC.	51 NORTH 1 STREET Brooklyn NY 11249	SE	0.06 / 310.07	32
50 NORTH ONE LLC	52 NORTH 1 STREET Brooklyn NY 11249	SSE	0.06 / 337.60	33
187 KENT OWNER LLC	48 NORTH 3 STREET Brooklyn NY 11249	ESE	0.07 / 346.15	36
FLUX FARM LLC	37 GRAND STREET Brooklyn NY 11249	S	0.07 / 351.71	37
WATERVIEW LOFTS LLC	157 KENT AVENUE Brooklyn NY 11249	E	0.07 / 377.06	42
METROPOLITAN 75 REALT	67 METROPOLITAN AVENUE Brooklyn NY 11249	ESE	0.07 / 383.76	44
260 KENT LLC	260 KENT AVENUE Brooklyn NY 11249	S	0.07 / 394.78	46
KATE HERZ	49 GRAND STREET Brooklyn NY 11249	SSE	0.08 / 409.64	48
ALIZA GUTTMAN	60 NORTH 1 STREET Brooklyn NY 11249	SSE	0.08 / 423.87	49
JENSEN WILLIAM	79 METROPOLITAN AVENUE Brooklyn NY 11249	ESE	0.08 / 446.38	51
OLIVE TREE BRANCHES,	55 GRAND STREET Brooklyn NY 11249	SSE	0.09 / 457.32	54
CHINA BUILDING LLC	83 METROPOLITAN AVENUE Brooklyn NY 11249	ESE	0.09 / 485.57	57
69 GRAND REALTY LLC	69 GRAND STREET Brooklyn NY 11249	SSE	0.10 / 508.32	59

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CHINA BUILDING LLC	87 METROPOLITAN AVENUE Brooklyn NY 11249	ESE	0.10 / 523.95	62
ROBERT J BESWICK	50 GRAND STREET Brooklyn NY 11249	S	0.10 / 544.22	63
WYTHE HOLDINGS LLC	296 WYTHE AVENUE Brooklyn NY 11249	SE	0.10 / 551.21	66
OLIVE PARTNERS, LLC	224 WYTHE AVENUE Brooklyn NY 11249	E	0.11 / 565.94	68
ROBERT J BESWICK	56 GRAND STREET Brooklyn NY 11249	SSE	0.11 / 570.51	69
234 W, LLC	234 WYTHE AVENUE Brooklyn NY 11249	E	0.11 / 578.64	70
WYTHE HOLDINGS LLC	302 WYTHE AVENUE Brooklyn NY 11249	SSE	0.11 / 580.85	71
SM WYTHE LLC	204 WYTHE AVENUE Brooklyn NY 11249	E	0.12 / 638.60	78

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTH 4TH PLACE, LLC	1 NORTH 4 PLACE Brooklyn NY 11249	NNE	0.07 / 368.97	40



Map : 1 Mile Radius

Order No: 20190822112

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.,

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- **Buffer Outline**
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI

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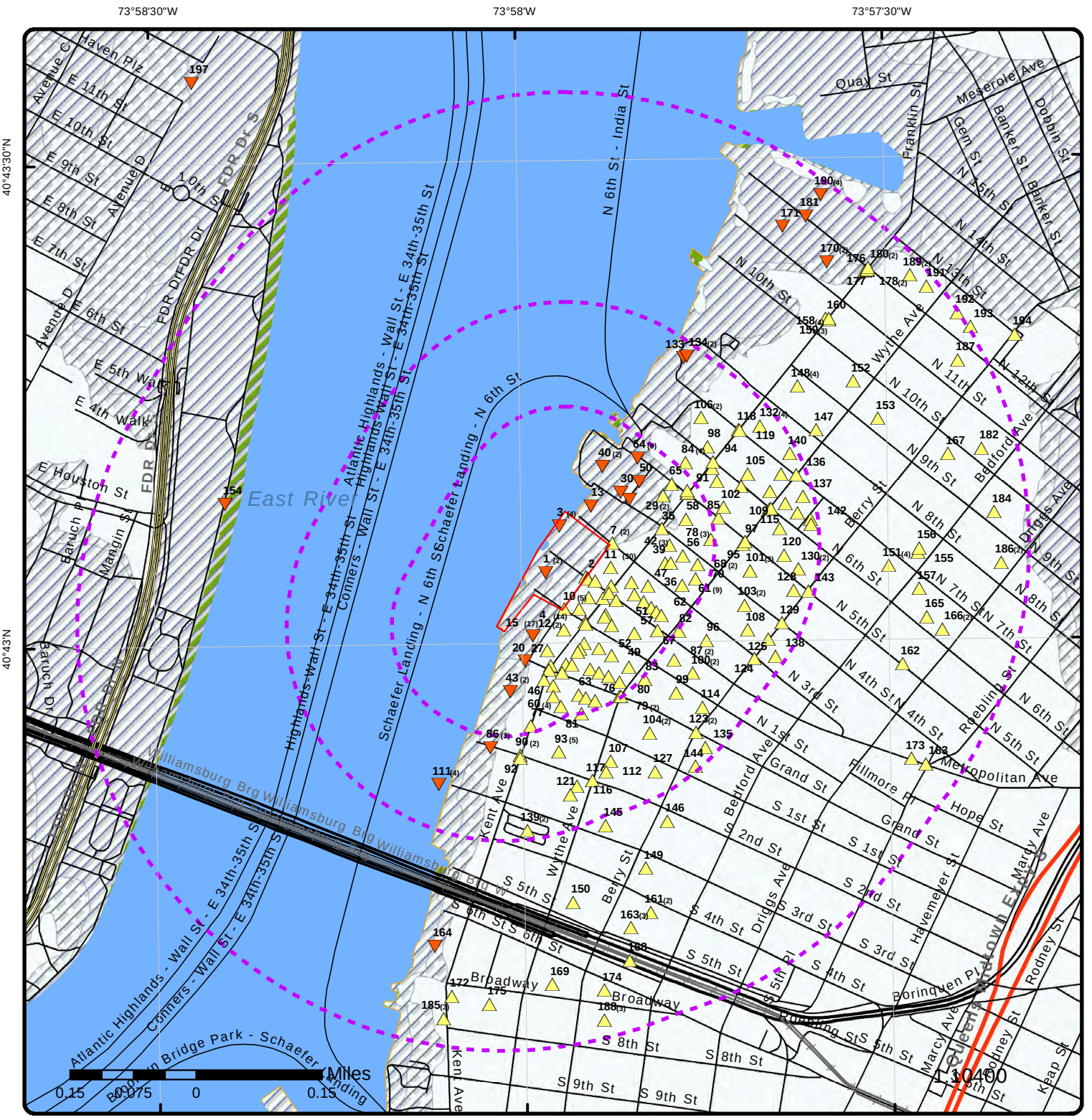

Map : 0.5 Mile Radius

Order No: 20190822112

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.,

ENVIRONMENTAL RISK INFORMATION SERVICES

Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		

Source: © 2016 ESRI

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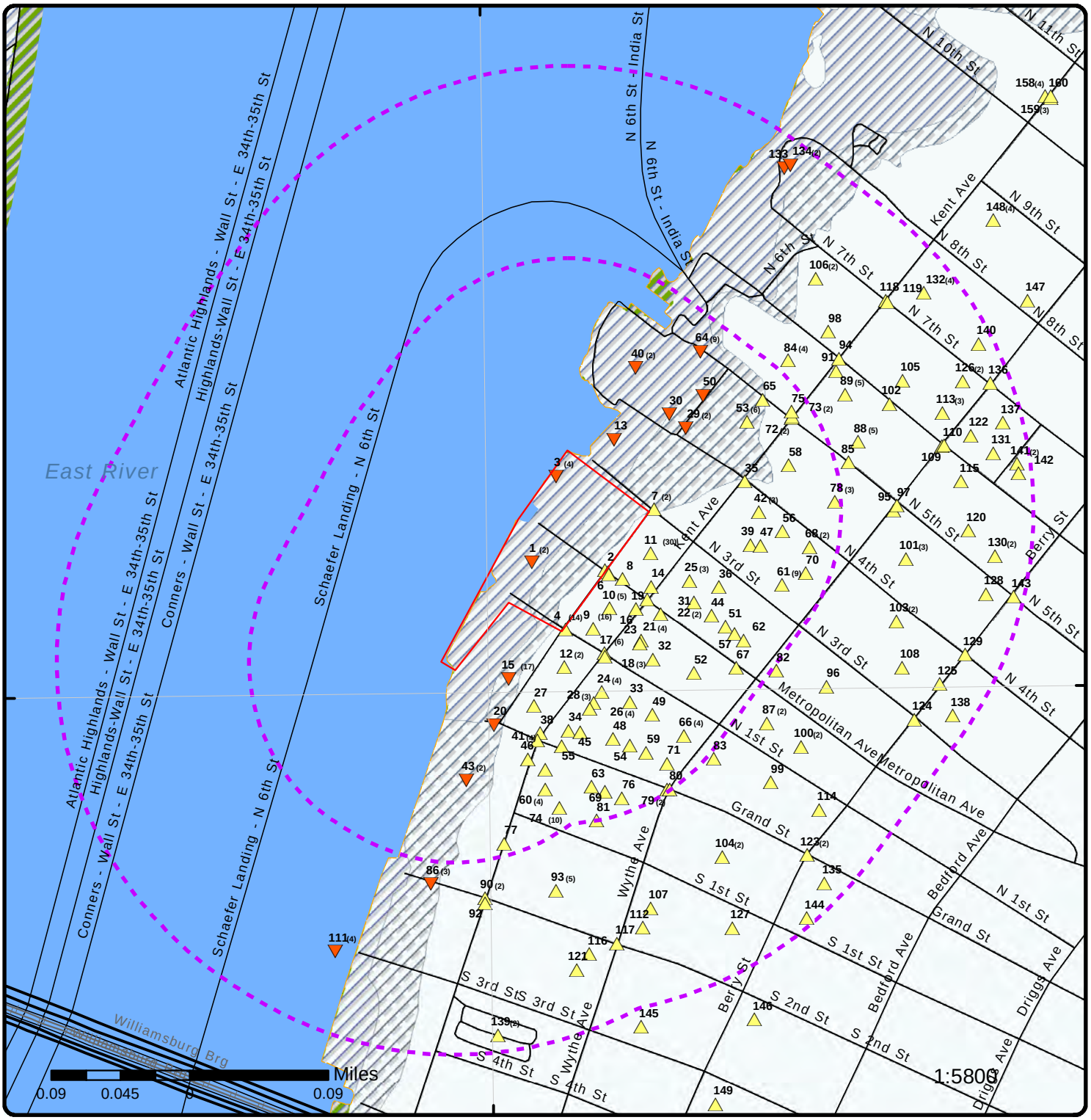

Map : 0.25 Mile Radius

Order No: 20190822112

Address: 87 River Street,105 River Street and an unaddressed parcel on West 1st Street.,

ENVIRONMENTAL RISK INFORMATION SERVICES

Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		

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Aerial (2018)

Order No: 20190822112

Address: 87 River Street,105 River Street and an unaddressed parcel o n, NY,

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES

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Topographic Map (2016)

Order No: 20190822112

Address: 87 River Street,105 River Street and an unaddressed parcel o n, NY

Quadrangle(s): Brooklyn,NY

Source: USGS Topographic Map

ENVIRONMENTAL RISK INFORMATION SERVICES

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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 2	-	0.00 / 0.00	7.92 / -1	FACILITY 87 RIVER ST BROOKLYN NY	NY SPILLS

Spill No:	1703788	**Spill Date:**	2017-07-18 13:40:00
Site ID:	554977	**Rcvd Date:**	2017-07-18 13:56:00
DER Facility ID:	508566	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2017-09-11 00:00:00
SWIS Code:	2401	**Create Date:**	2017-07-18 13:58:00
Contribute Factor:	Equipment Failure	**Update Date:**	2017-09-11 16:27:59.660000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	RWAUSTIN
Class:	C4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

spill during pipe removal. about 8 ounces spill to soil, clean up complete

DEC Remark:

07/19/17-Hiralkumar Patel. approx. 8 oz. of #6 oil spilled onto bluestone in Con Ed facility during removal of piping. contaminated soil and bluestone were removed. 9/11/17 - Austin - Con Ed contained and cleaned up all the contaminated soil, and removed the pipe - See document files for further information - Spill closed - end

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	CON ED	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	TONY DELGADO
Spiller City:		**Contact Phone:**	(212) 580-8383
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1303042	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2309503	**Med GW:**	False
Material Code:	0003A	**Med SW:**	False
Material Name:	#6 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.07	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.07	**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 2	-	0.00 / 0.00	7.92 / -1	LINE FAILURE 87 RIVER ST/ METRO AVE BROOKLYN NY	NY SPILLS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Spill No:	1200752	**Spill Date:**	2012-04-24 07:40:00
Site ID:	463409	**Rcvd Date:**	2012-04-24 08:16:00
DER Facility ID:	417807	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2012-06-15 00:00:00
SWIS Code:	2401	**Create Date:**	2012-04-24 08:18:00
Contribute Factor:	Unknown	**Update Date:**	2012-06-15 16:19:00.943000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	RWAUSTIN
Class:	C4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

onto grass only, c/u complete

DEC Remark:

04/24/12- Zhune spoke to Liza Lunkshides from Con-Ed ERT.She said hydraulic oil went onto soil. Spill has been cleaned up. 6/15/12 - Austin - The hydraulic demolition sheers on a piece of contractor's construction equipment had a 1 quart hydraulic oil leak from a hose - Con Ed contained and cleaned up the spill, and contractor took care of hose - See eDocs files for further information - Spill closed - end

Spiller Information

Spiller Name:	ERT	**Spiller Zip:**	
Spiller Company:	DEMCO CONTRACTING	**Spiller Country:**	999
Spiller Address:	87 RIVER ST/ METRO AVE	**Contact Name:**	ERT
Spiller City:	BROOKLYN	**Contact Phone:**	2125808383
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1213501	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2211469	**Med GW:**	False
Material Code:	0010	**Med SW:**	False
Material Name:	hydraulic oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.25	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.25	**Oxygenate:**	
Med Soil:	True		

2	1 of 1	-	0.00 / 0.00	10.02 / 1	CONSOLIDATED EDISON METROPOLITAN & RIVER AVE BROOKLYN NY	GEN MANIFEST

RCRA ID:	NYP004110672
Mailing Street 1:	4 IRVING PLACE RM 828
District Name:	CONSOLIDATED EDISON
Mailing Street 2:	
Business Phone No:	2124602808
Mailing City:	NEW YORK
Contact Name:	FRANKLIN MURRAY
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

B002: (Wastes containing polychlorinated biphenyls (PCBs)) Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers, and cable.

Waste Amounts By Year:

2003: 1915 Gallons

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3 | **1 of 4** | **-** | **0.00 / 0.00** | **0.64 / -9** | **105 RIVER ST. BROOKLYN NY** | **ERNS**

NRC Report No: 1002961
Type of Incident: FIXED
Incident Cause: OTHER
Incident Date: 2/14/2012 1:34:00 PM
Incident Location:
Incident Dtg: DISCOVERED
Distance from City:
Distance Units:
Potential Flag: No
Year: Year 2012 Reports
Direction from City:
Location County: KINGS(BROOKLYN)
Description of Incident: CALLER IS REPORTING AN 8X8 FOOT SHEEN OF CREOSOTE IN THE EAST RIVER. THIS CAME FROM DEBRIS TIMBER THAT FELL INTO THE WATER FROM A DOCK.

Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:
Longitude Seconds:
Lat Quad:
Long Quad:
Location Section:
Location Township:
Location Range:

Material Spill Information

Chris Code: CCW
CAS No: 000000-00-0
UN No:
Name of Material: CREOSOTE
Amount of Material: 0

Unit of Measure: UNKNOWN AMOUNT
If Reached Water: YES
Amount in Water: 0
Unit Reach Water: UNKNOWN AMOUNT

Calls Information

Date Time Received: 2/14/2012 1:57:54 PM
Date Time Complete: 2/14/2012 2:03:15 PM
Call Type: INC
Resp Company: CON EDISON
Resp Org Type: PUBLIC UTILITY

Responsible City: NEW YORK
Responsible State: NY
Responsible Zip: 10003
Source: TELEPHONE

Incident Information

Tank ID:
Tank Regulated: U
Tank Regulated By:
Capacity of Tank:
Capacity Tank Units:
Description of Tank:
Actual Amount:
Actual Amount Units:
Tank Above Ground: ABOVE
NPDES:
NPDES Compliance: U
Init Contin Rel No:
Contin Rel Permit:

Building ID:
Location Area ID:
Location Block ID:
OCSG No:
OCSP No:
State Lease No:
Pier Dock No:
Berth Slip No:
Brake Failure: U
Airbag Deployed: U
Transport Contain: U
Location Subdiv:
Platform Rig Name:

Contin Release Type:		**Platform Letter:**	
Aircraft ID:		**Allision:**	U
Aircraft Runway No:		**Type of Structure:**	
Aircraft Spot No:		**Structure Name:**	
Aircraft Type:		**Structure Oper:**	U
Aircraft Model:		**Transit Bus Flag:**	
Aircraft Fuel Cap:		**Date Time Norm Serv:**	
Aircraft Fuel Cap U:		**Serv Disrupt Time:**	
Aircraft Fuel on Brd:		**Serv Disrupt Units:**	
Aircraft Fuel OB U:		**CR Begin Date:**	
Aircraft Hanger:		**CR End Date:**	
Road Mile Marker:		**CR Change Date:**	
Power Gen Facility:	N	**FBI Contact:**	
Generating Capacity:		**FBI Contact Dt Tm:**	
Type of Fixed Obj:	OTHER	**Passenger Handling:**	
Type of Fuel:		**Passenger Route:**	XXX
DOT Crossing No:		**Passenger Delay:**	XXX
DOT Regulated:	U	**Sub Part C Test Req:**	XXX
Pipeline Type:		**Conductor Test:**	
Pipeline Abv Ground:	ABOVE	**Engineer Test:**	
Pipeline Covered:	U	**Trainman Test:**	
Exposed Underwater:	N	**Yard Foreman Test:**	
Railroad Hotline:		**RCL Operator Test:**	
Railroad Milepost:		**Brakeman Test:**	
Grade Crossing:	U	**Train Dispat Test:**	
Crossing Device Ty:		**Signalman Test:**	
Ty Vehicle Involved:		**Oth Employee Test:**	
Device Operational:	U	**Unknown Test:**	

Incident Details Information

Release Secured:	U	**State Agen Report No:**	NONE
Release Rate:		**State Agen on Scene:**	NONE
Release Rate Unit:		**State Agen Notified:**	NONE
Release Rate Rate:		**Fed Agency Notified:**	NONE
Est Duration of Rel:		**Oth Agency Notified:**	
Desc Remedial Act:	CLEAN UP IS UNDERWAY.	**Body of Water:**	EAST RIVER
Fire Involved:	N	**Tributary of:**	
Fire Extinguished:	U	**Near River Mile Make:**	
Any Evacuations:	N	**Near River Mile Mark:**	
No Evacuated:		**Offshore:**	N
Who Evacuated:		**Weather Conditions:**	UNKNOWN
Radius of Evacu:		**Air Temperature:**	
Any Injuries:	N	**Wind Direction:**	
No. Injured:		**Wind Speed:**	
No. Hospitalized:		**Wind Speed Unit:**	
No. Fatalities:		**Water Supp Contam:**	N
Any Fatalities:	N	**Water Temperature:**	
Any Damages:	N	**Wave Condition:**	
Damage Amount:		**Current Speed:**	
Air Corridor Closed:	N	**Current Direction:**	
Air Corridor Desc:		**Current Speed Unit:**	
Air Closure Time:		**EMPL Fatality:**	
Waterway Closed:	N	**Pass Fatality:**	
Waterway Desc:		**Community Impact:**	
Waterway Close Time:		**Passengers Transfer:**	NO
Road Closed:	N	**Passenger Injuries:**	
Road Desc:		**Employee Injuries:**	
Road Closure Time:		**Occupant Fatality:**	
Road Closure Units:		**Sheen Size:**	
Closure Direction:		**Sheen Size Units:**	
Major Artery:	No	**Sheen Size Length:**	8
Track Closed:	N	**Sheen Size Length U:**	FEET
Track Desc:		**Sheen Size Width:**	8
Track Closure Time:		**Sheen Size Width U:**	FEET
Track Closure Units:		**Sheen Color:**	RAINBOW
Track Close Dir:		**Dir of Sheen Travel:**	
Media Interest:	NONE	**Sheen Odor Desc:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Medium Desc:	WATER	**Duration Unit:**	
Addl Medium Info:	EAST RIVER	**Additional Info:**	CALLER HAD NO ADDITIONAL INFORMATION.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	2 of 4	-	0.00 / 0.00	0.64 / -9	TANK FARM 105 RIVER ST BROOKLYN NY	NY SPILLS

Spill No:	1110602	**Spill Date:**	2011-11-29 13:35:00
Site ID:	458444	**Rcvd Date:**	2011-11-29 14:38:00
DER Facility ID:	412913	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2012-08-23 00:00:00
SWIS Code:	2401	**Create Date:**	2011-11-29 14:40:00
Contribute Factor:	Unknown	**Update Date:**	2012-08-23 14:44:28.273000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	RWAUSTIN
Class:	C4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

cleanup pending - all contained in moat -

DEC Remark:

8/23/12 - Austin - As the result of a tank and structural demolition project at the former North 1st St. oil terminal (former MOSF facility) approx. 27 gals of petrolatum and other petroleum substances was discovered underneath said tanks over a period of time - Con Ed contained and cleaned up the spill - see eDocs for further information - Spill closed - end

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	CON ED	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	ERT
Spiller City:		**Contact Phone:**	(212) 580-8383
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717848000		
Longitude:	-73.965257000		

Material Information

OP Unit ID:	1208563	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2205891	**Med GW:**	False
Material Code:	9999	**Med SW:**	False
Material Name:	other - petrolatum	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	2.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	3 of 4	-	0.00 / 0.00	0.64 / -9	EAST RIVER 105 RIVER ST BROOKLYN NY	NY SPILLS

Spill No:	1113012	**Spill Date:**	2012-02-14 13:34:00
Site ID:	460981	**Rcvd Date:**	2012-02-14 14:05:00
DER Facility ID:	412913	**CAC Date:**	
CID:		**Insp Date:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program Type:	ER	**Close Date:**	2012-05-04 00:00:00
SWIS Code:	2401	**Create Date:**	2012-02-14 14:09:00
Contribute Factor:	Equipment Failure	**Update Date:**	2012-05-04 12:04:14.673000000
Water Body:	EAST RIVER	**DEC Region:**	2
Source:	Unknown	**Lead DEC:**	RWAUSTIN
Class:	C4	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

Remediation where dock material is involved. Dock timbers fell into East River creating a sheen. Cleanup is in progress.

DEC Remark:

5/4/12 - Austin - Con Ed had creosoted pier debris fall into the East River - Con Ed contained and cleaned up the spill - See eDocs files for further information - Case closed - end

Spiller Information

Spiller Name:	ERT	**Spiller Zip:**	
Spiller Company:	CON EDISON	**Spiller Country:**	999
Spiller Address:	105 RIVER ST	**Contact Name:**	ERT
Spiller City:	BROOKLYN	**Contact Phone:**	(212) 580-8383
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1211079	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2208784	**Med GW:**	False
Material Code:	0180A	**Med SW:**	True
Material Name:	creosote	**Med DW:**	False
CAS No:	08001589	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False
Quantity:		**Med Subway:**	False
Units:		**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

3	4 of 4	-	0.00 / 0.00	0.64 / -9	EXCAVATION 105 RIVER ST BROOKLYN NY	NY SPILLS

Spill No:	1112996	**Spill Date:**	2012-02-14 09:33:00
Site ID:	460965	**Rcvd Date:**	2012-02-14 09:42:00
DER Facility ID:	412913	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2012-02-24 00:00:00
SWIS Code:	2401	**Create Date:**	2012-02-14 10:09:00
Contribute Factor:	Equipment Failure	**Update Date:**	2012-02-24 18:10:59.507000000
Water Body:		**DEC Region:**	2
Source:	Commercial Vehicle	**Lead DEC:**	RWAUSTIN
Class:	C4	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

contractor lost oil to soil, c/u pending

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Remark:

2/24/12 - Austin - 1 pint of motor oil found on soil in excavation project at North 1st St. Tank Farm - Con Ed contained and cleaned up the spill - See eDocs files for further information - Spill closed - end

Spiller Information

Spiller Name:	ERT	**Spiller Zip:**	
Spiller Company:	CON ED	**Spiller Country:**	999
Spiller Address:	105 RIVER ST	**Contact Name:**	ERT
Spiller City:	BROOKLYN	**Contact Phone:**	(212) 580-8383
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1211063	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2208763	**Med GW:**	False
Material Code:	0015	**Med SW:**	False
Material Name:	motor oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.25	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 14	S	0.00 / 8.12	12.79 / 3	NEW YORK POWER AUTHORITY-KENT NORTHWEST CORNER OF NORTH 1ST & RIVER BROOKLYN NY 11211	CBS

Site ID:	341794	**Expiration Date:**	2021/04/18
Site Status:	Active	**DEC Region:**	2
Program No:	2-000377	**County:**	Kings
Program Type Code:	CBS	**Utm X:**	587303.47883
Program Type Desc:	Chemical Bulk Storage	**Utm Y:**	4507862.11006
Site Type:	Utility (Other than Municipal)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	2 of 14	S	0.00 / 8.12	12.79 / 3	NY POWER AUTH - 1ST & GRAND SITE N 1ST ST & RIVER ST BROOKLYN NY 11211	FINDS/FRS

Registry ID:	110008114281
FIPS Code:	36047
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-2000 00:00:00
Update Date:	09-AUG-2010 08:02:50
Interest Types:	SQG
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 02
County Name: KINGS
US/Mexico Border Ind:
Latitude: 40.71726
Longitude: -73.965773
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110008114281
Program Acronyms:

RCRAINFO:NYR000093781

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	3 of 14	S	0.00 / 8.12	12.79 / 3	N 1ST STREET PLANT NORTH 1ST ST & RIVER ST BROOKLYN NY 11211	FINDS/FRS

Registry ID: 110012158707
FIPS Code: 36047
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-2000 00:00:00
Update Date: 01-JUN-2017 17:17:18
Interest Types: AIR MAJOR, AIR PROGRAM, ELECTRIC GENERATOR, ELECTRIC POWER GENERATOR (GAS BASED), GREENHOUSE GAS REPORTER, HAZARDOUS AND CRITERIA AIR POLLUTANT MAJOR, STATE MASTER
SIC Codes: 4911, OWNE
SIC Code Descriptions: ELECTRIC SERVICES
NAICS Codes: 221112
NAICS Code Descriptions: FOSSIL FUEL ELECTRIC POWER GENERATION.
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 02
County Name: KINGS
US/Mexico Border Ind:
Latitude: 40.71724
Longitude: -73.96573
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110012158707
Program Acronyms:

AIR:NY0000002610101077, AIRS/AFS:36047R1060, CAMDBS:7915, E-GGRT:1000108, EGRID:7915, EIA-860:7915, EIS:9326111, FIS:2-6101-01077

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	4 of 14	S	0.00 / 8.12	12.79 / 3	NYPA NORTH 1ST & RIVER ST BROOKLYN NY 11211	GEN MANIFEST

RCRA ID: NYR000093781

Mailing Street 1:	123 MAIN STREET
District Name:	NYPA
Mailing Street 2:	
Business Phone No:	9146816405
Mailing City:	WHITE PLAINS
Contact Name:	WILLIAM SLADE
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10601
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2002: 800 Pounds; 392 Pounds; 2000 Pounds
2003: 100 Pounds; 1000 Pounds; 500 Pounds
2004: 1200 Pounds; 900 Pounds; 1700 Pounds
2005: 1500 Pounds; 350 Pounds

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2001: 108 Pounds; 108 Pounds; 108 Pounds; 108 Pounds
2002: 1176 Pounds

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2001: 80 Pounds

Waste Code(s):

D018: BENZENE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2002: 902 Pounds

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D003: REACTIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2015: 17 Pounds

Waste Code(s):

D009: MERCURY (Waste Code Description from EPA Hazardous Waste Identification)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Amounts By Year:

2001: 400 Pounds

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4 | ***5 of 14*** | ***S*** | ***0.00 / 8.12*** | ***12.79 / 3*** | ***N 1ST STREET PLANT***
N 1ST ST & RIVER ST
BROOKLYN NY 11249 | ***ICIS***

EPA Region:	02	***Federal Facility ID:***	
FRS Facility UIN:	110012158707	***Tribal Land Code:***	
Program Syst ID:	NY0000002610101077	***County:***	Kings
Prog Sys Acrnym:	AIR	***Latitude:***	40.716861
Permit Type:		***Longitude:***	73.9667668

--Details--

EA Identifier:	NY000A0000261010107700493	***Enf Act Forum Dsc:***	Administrative - Formal
EA Type Code:	SCAAAO	***Fac NAICS Code:***	221112
EA Type Desc:	Administrative Order	***Facility SIC Code:***	4911
EA Name:			
EA Identifier:	NY000A0000261010107700500	***Enf Act Forum Dsc:***	Administrative - Formal
EA Type Code:	SCAAAO	***Fac NAICS Code:***	221112
EA Type Desc:	Administrative Order	***Facility SIC Code:***	4911
EA Name:			
EA Identifier:	NY000A0000261010107700306	***Enf Act Forum Dsc:***	Administrative - Formal
EA Type Code:	SCAAAO	***Fac NAICS Code:***	221112
EA Type Desc:	Administrative Order	***Facility SIC Code:***	4911
EA Name:			
EA Identifier:	NY000A0000261010107700313	***Enf Act Forum Dsc:***	Administrative - Informal
EA Type Code:	NOV	***Fac NAICS Code:***	221112
EA Type Desc:	Notice of Violation	***Facility SIC Code:***	4911
EA Name:			
EA Identifier:	NY000A0000261010107700345	***Enf Act Forum Dsc:***	Administrative - Formal
EA Type Code:	SCAAAO	***Fac NAICS Code:***	221112
EA Type Desc:	Administrative Order	***Facility SIC Code:***	4911
EA Name:			
EA Identifier:	NY000A0000261010107700349	***Enf Act Forum Dsc:***	Administrative - Informal
EA Type Code:	NOV	***Fac NAICS Code:***	221112
EA Type Desc:	Notice of Violation	***Facility SIC Code:***	4911
EA Name:			
EA Identifier:	NY000A0000261010107700350	***Enf Act Forum Dsc:***	Administrative - Formal
EA Type Code:	SCAAAO	***Fac NAICS Code:***	221112
EA Type Desc:	Administrative Order	***Facility SIC Code:***	4911
EA Name:			
EA Identifier:	NY000A0000261010107700316	***Enf Act Forum Dsc:***	Administrative - Formal
EA Type Code:	SCAAAO	***Fac NAICS Code:***	221112
EA Type Desc:	Administrative Order	***Facility SIC Code:***	4911
EA Name:			
EA Identifier:	NY000A0000261010107700496	***Enf Act Forum Dsc:***	Administrative - Formal
EA Type Code:	SCAAAO	***Fac NAICS Code:***	221112
EA Type Desc:	Administrative Order	***Facility SIC Code:***	4911
EA Name:			
EA Identifier:	NY000A0000261010107700323	***Enf Act Forum Dsc:***	Administrative - Informal
EA Type Code:	NOV	***Fac NAICS Code:***	221112
EA Type Desc:	Notice of Violation	***Facility SIC Code:***	4911
EA Name:			
EA Identifier:	NY000A0000261010107700344	***Enf Act Forum Dsc:***	Administrative - Formal

EA Type Code: SCAAAO
EA Type Desc: Administrative Order
EA Name:
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077004O4
EA Type Code: SCAAAO
EA Type Desc: Administrative Order
EA Name:
Enf Act Forum Dsc: Administrative - Formal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077003 99
EA Type Code: SCAAAO
EA Type Desc: Administrative Order
EA Name:
Enf Act Forum Dsc: Administrative - Formal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077004O6
EA Type Code: SCAAAO
EA Type Desc: Administrative Order
EA Name:
Enf Act Forum Dsc: Administrative - Formal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077004 95
EA Type Code: SCAAAO
EA Type Desc: Administrative Order
EA Name:
Enf Act Forum Dsc: Administrative - Formal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077003 52
EA Type Code: SCAAAO
EA Type Desc: Administrative Order
EA Name:
Enf Act Forum Dsc: Administrative - Formal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077003 12
EA Type Code: SCAAAO
EA Type Desc: Administrative Order
EA Name:
Enf Act Forum Dsc: Administrative - Formal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077003 46
EA Type Code: NOV
EA Type Desc: Notice of Violation
EA Name:
Enf Act Forum Dsc: Administrative - Informal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077003 47
EA Type Code: NOV
EA Type Desc: Notice of Violation
EA Name:
Enf Act Forum Dsc: Administrative - Informal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077003 60
EA Type Code: SCAAAO
EA Type Desc: Administrative Order
EA Name:
Enf Act Forum Dsc: Administrative - Formal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077003 55
EA Type Code: NOV
EA Type Desc: Notice of Violation
EA Name:
Enf Act Forum Dsc: Administrative - Informal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077003 92
EA Type Code: NOV
EA Type Desc: Notice of Violation
EA Name:
Enf Act Forum Dsc: Administrative - Informal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077003 96
EA Type Code: NOV
EA Type Desc: Notice of Violation
EA Name:
Enf Act Forum Dsc: Administrative - Informal
Fac NAICS Code: 221112
Facility SIC Code: 4911

EA Identifier: NY000A00002610101077004 02
EA Type Code: SCAAAO
EA Type Desc: Administrative Order
EA Name:
Enf Act Forum Dsc: Administrative - Formal
Fac NAICS Code: 221112
Facility SIC Code: 4911

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EA Identifier: NY000A0000261010107700412
EA Type Code: SCAAAO
EA Type Desc: Administrative Order
EA Name:
Enf Act Forum Dsc: Administrative - Formal
Fac NAICS Code: 221112
Facility SIC Code: 4911

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	6 of 14	S	0.00 / 8.12	12.79 / 3	NEW YORK POWER AUTHORITY-KENT NORTHWEST CORNER OF NORTH 1ST & RIVER BROOKLYN NY 11211	TANKS

Site ID: 381980
Site Status: Active
Program No: 2-610580
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Utility (Other than Municipal)
Expiration Date: 2021/05/01
DEC Region: 2
County: Kings
UTM X: 587351.67100
UTM Y: 4507885.32341

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	7 of 14	S	0.00 / 8.12	12.79 / 3	NY POWER AUTH - 1ST & GRAND SITE N 1ST ST & RIVER ST BROOKLYN NY 11211	RCRA SQG

EPA Handler ID: NYR000093781
Gen Status Universe: Small Quantity Generator
Contact Name: WILLIAM SLADE
Contact Address: 123 , MAIN ST , , WHITE PLAINS , NY, 10601 , US
Contact Phone No and Ext: 914-681-6405
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: State
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20010131

Handler Name: NY POWER AUTH - 1ST & GRAND SITE
Generator Status Universe: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060101
Handler Name: NY POWER AUTH - 1ST & GRAND SITE
Generator Status Universe: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070101
Handler Name: NY POWER AUTH - 1ST & GRAND SITE
Generator Status Universe: Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	State	**Street 1:**	123 MAIN ST
Name:	NEW YORK POWER AUTH	**Street 2:**	
Date Became Current:		**City:**	WHITE PLAINS
Date Ended Current:		**State:**	NY
Phone:	914-681-6405	**Country:**	
Source Type:	Notification	**Zip Code:**	10601

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	State	**Street 1:**	123 MAIN ST
Name:	NEW YORK POWER AUTH	**Street 2:**	
Date Became Current:	20010101	**City:**	WHITE PLAINS
Date Ended Current:		**State:**	NY
Phone:	914-681-6405	**Country:**	US
Source Type:	Implementer	**Zip Code:**	10601

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	State	**Street 1:**	123 MAIN ST
Name:	NEW YORK POWER AUTH	**Street 2:**	
Date Became Current:	20010101	**City:**	WHITE PLAINS
Date Ended Current:		**State:**	NY
Phone:	914-681-6405	**Country:**	US
Source Type:	Implementer	**Zip Code:**	10601

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	8 of 14	S	0.00 / 8.12	12.79 / 3	NORTH 1ST ST FUEL OIL TERMINAL NORTH 1ST ST AND RIVER RD BROOKLYN NY	NY SPILLS

Spill No:	1113073	**Spill Date:**	2012-02-16 08:15:00
Site ID:	461044	**Rcvd Date:**	2012-02-16 09:22:00
DER Facility ID:	415529	**CAC Date:**	
CID:		**Insp Date:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program Type:	ER	**Close Date:**	2012-03-01 00:00:00
SWIS Code:	2401	**Create Date:**	2012-02-16 09:25:00
Contribute Factor:	Unknown	**Update Date:**	2012-03-01 08:40:15.960000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	LXZIELIN
Class:	C4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

1/2 gallon unknown material mixed with 1/2 gallon ground water - cleanup pending investigation

DEC Remark:

03/01/11 - LZ Closed, a duplicate of 1112991.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	UNKNOWN	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	ERT
Spiller City:		**Contact Phone:**	(212) 580-8383
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717252000		
Longitude:	-73.965734000		

Material Information

OP Unit ID:	1211142	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2208846	**Med GW:**	True
Material Code:	0064A	**Med SW:**	False
Material Name:	unknown material	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	1.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	True		

4	9 of 14	S	0.00 / 8.12	12.79 / 3	**SHEEN TO SOIL** **NORTH 1ST ST AND RIVER ST** **BROOKLYN NY**	**NY SPILLS**

Spill No:	1112968	**Spill Date:**	2012-02-13 11:00:00
Site ID:	460936	**Rcvd Date:**	2012-02-13 11:50:00
DER Facility ID:	415412	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2012-07-24 00:00:00
SWIS Code:	2401	**Create Date:**	2012-02-13 11:53:00
Contribute Factor:	Unknown	**Update Date:**	2012-07-24 09:39:07.833000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	LXZIELIN
Class:	C4	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

unk sheen found in soil, investigation pending

DEC Remark:

03-01-12 - LZ Spoke with Sarah Phelan of Con-Ed; a report will be sent to summarize all findings in Complexes A and B of the property. 07-24-12 - lz Based on review of the June 2012 site investigation report (eDocs for MOSF 2-1480), the spill case has been closed.

Spiller Information

Spiller Name:	ERT	***Spiller Zip:***	
Spiller Company:	CON ED	***Spiller Country:***	999
Spiller Address:	NORTH 1ST ST AND RIVER ST	***Contact Name:***	ERT
Spiller City:	BROOKLYN	***Contact Phone:***	(212) 580-8383
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.717252000		
Longitude:	-73.965734000		

Material Information

OP Unit ID:	1211035	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	2208736	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:		***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	True		

4	***10 of 14***	***S***	***0.00 / 8.12***	***12.79 / 3***	***KENT FACILITY*** ***north first and river st*** ***brooklyn NY***	***NY SPILLS***

Spill No:	1002143	***Spill Date:***	2010-05-21 17:00:00
Site ID:	435249	***Rcvd Date:***	2010-05-25 15:14:00
DER Facility ID:	390149	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2010-05-25 00:00:00
SWIS Code:	2401	***Create Date:***	2010-05-25 15:18:00
Contribute Factor:	Human Error	***Update Date:***	2010-05-25 15:23:16.333000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	smsanges
Class:	D5	***Reported by:***	Responsible Party
Meets Std:	False	***Referred to:***	
Penalty:		***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

.1 ppm was over allowance. Problem rectified

DEC Remark:

Air Emission Problem Copy forwarded to Sam Leiblich at DEC Air Unit

Spiller Information

Spiller Name:	JOSHUA ROMA	***Spiller Zip:***	
Spiller Company:	NY POWER AUTHORITY	***Spiller Country:***	999
Spiller Address:	NORTH FIRST AND RIVER ST	***Contact Name:***	JOSHUA ROMA
Spiller City:	BROOKLYN	***Contact Phone:***	(718) 267-5681
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.717252000		
Longitude:	-73.965734000		

Material Information

OP Unit ID:	1186032	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	2180799	***Med GW:***	False
Material Code:	1969A	***Med SW:***	False
Material Name:	nitric oxide	***Med DW:***	False
CAS No:	10102439	***Med Sewer:***	False
Material Family:	Hazardous Material	***Med Surf:***	False
Quantity:		***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	11 of 14	S	0.00 / 8.12	12.79 / 3	AT INTERSECTION NORTH FIRST ST AND RIVER ST BROOKLYN NY	NY SPILLS

Spill No:	1900589	***Spill Date:***	2019-04-16 14:30:00
Site ID:	586421	***Rcvd Date:***	2019-04-17 16:16:00
DER Facility ID:	537763	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2019-04-19 00:00:00
SWIS Code:	2401	***Create Date:***	2019-04-17 16:19:00
Contribute Factor:	Equipment Failure	***Update Date:***	2019-04-19 08:40:45.400000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	HRPATEL
Class:		***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

exceedance issue

DEC Remark:

referred to air division.

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	NYPA	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	MESA PERRY
Spiller City:		***Contact Phone:***	(718) 267-5681
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1334104	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	2343398	***Med GW:***	False
Material Code:	9999	***Med SW:***	False
Material Name:	other - nox (air exceedance)	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Other	***Med Surf:***	False
Quantity:		***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	12 of 14	S	0.00 / 8.12	12.79 / 3	EAST RIVER LIPA PLANT NORTH 1ST ST/RIVER ST WILLIAMSBURG NY	NY SPILLS

Spill No:	0102918	**Spill Date:**	2001-06-14 12:00:00
Site ID:	180594	**Rcvd Date:**	2001-06-15 14:45:00
DER Facility ID:	151477	**CAC Date:**	
CID:	211	**Insp Date:**	
Program Type:	ER	**Close Date:**	2001-06-15 00:00:00
SWIS Code:	2401	**Create Date:**	2001-06-15 00:00:00
Contribute Factor:	Other	**Update Date:**	2001-07-11 00:00:00
Water Body:	EAST RIVER	**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	TJDEMEO
Class:	C3	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

CALLER HAD NEW PIPELINE INSTALLED AND DURING HYDRO TEST PHASE PRODUCT WAS DISCHARGED INTO RIVER - SHEEN WAS DISCOVERED NO CLEAN UP

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO Unknown volume discharged. Unrecoverable sheen observed on water. No cleanup performed.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:		**Spiller Country:**	001
Spiller Address:		**Contact Name:**	WEI CHIANG
Spiller City:	***Update***	**Contact Phone:**	(516) 545-4368
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.717252000		
Longitude:	-73.965734000		

Material Information

OP Unit ID:	839509	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	555635	**Med GW:**	False
Material Code:	0060A	**Med SW:**	True
Material Name:	wastewater	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	13 of 14	S	0.00 / 8.12	12.79 / 3	Spill Number 0012366 RIVER ST & NORTH 1ST ST BROOKLYN NY	NY SPILLS

Spill No:	0012366	**Spill Date:**	2001-02-17 15:30:00
Site ID:	168656	**Rcvd Date:**	2001-02-17 15:46:00
DER Facility ID:	142051	**CAC Date:**	
CID:	322	**Insp Date:**	
Program Type:	ER	**Close Date:**	2003-02-13 00:00:00
SWIS Code:	2401	**Create Date:**	2001-02-17 00:00:00
Contribute Factor:	Human Error	**Update Date:**	2003-02-13 00:00:00

Water Body:		**DEC Region:**	2
Source:	Unknown	**Lead DEC:**	OKWUOHA
Class:	C4	**Reported by:**	Local Agency
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

dep recieved call that an unk company is removing tanks from the above location - caller stated the tanks contain diesel and sulfuric acid and are lined with aesbestos -

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	UNK COMPANY	**Spiller Country:**	001
Spiller Address:		**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.717252000		
Longitude:	-73.965734000		

Material Information

OP Unit ID:	834259	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	542638	**Med GW:**	False
Material Code:	0008	**Med SW:**	False
Material Name:	diesel	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

OP Unit ID:	834259	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	542639	**Med GW:**	False
Material Code:	0039A	**Med SW:**	False
Material Name:	sulfuric acid	**Med DW:**	False
CAS No:	07664939	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

4	14 of 14	S	0.00 / 8.12	12.79 / 3	29 N FIRST STREET 29 N FIRST STREET MANHATTAN NY	NY SPILLS

Spill No:	9307486	**Spill Date:**	1993-09-20 16:30:00
Site ID:	206366	**Rcvd Date:**	1993-09-20 18:04:00
DER Facility ID:	171350	**CAC Date:**	1993-09-20 00:00:00
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	1993-09-20 00:00:00
SWIS Code:	3101	**Create Date:**	1993-09-21 00:00:00
Contribute Factor:	Equipment Failure	**Update Date:**	2004-09-30 21:28:29.950000000
Water Body:		**DEC Region:**	2
Source:	Commercial Vehicle	**Lead DEC:**	KSTANG
Class:	C4	**Reported by:**	Other
Meets Std:	True	**Referred to:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Penalty:	False	**County:**	New York
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

BROKEN FUEL LINE, NYC FD ON SCENE, ENV. PROD. & SERVICE CLEANING SPILL (908)486-8600.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	ABOHERE GROCERY	**Spiller Country:**	001
Spiller Address:	125 COMMERCIAL AVE.	**Contact Name:**	
Spiller City:	CORLSTADT	**Contact Phone:**	
Spiller State:	NJ	**Contact Ext:**	
Latitude:	40.724426400		
Longitude:	-73.991053950		

Material Information

OP Unit ID:	986082	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	393748	**Med GW:**	False
Material Code:	0008	**Med SW:**	False
Material Name:	diesel	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	50.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

5	*1 of 3*	*ESE*	*0.00 / 8.98*	*10.02 / 1*	***CON EDISON - VS 1433 METROPOLITAN AVE. & RIVER ST. BROOKLYN NY 11206***	***FINDS/FRS***

Registry ID:	110021016808
FIPS Code:	36047
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	05-MAY-2005 12:23:47
Update Date:	10-SEP-2010 01:54:18
Interest Types:	HAZARDOUS WASTE BIENNIAL REPORTER, UNSPECIFIED UNIVERSE
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	221122
NAICS Code Descriptions:	ELECTRIC POWER DISTRIBUTION.
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	02
County Name:	KINGS
US/Mexico Border Ind:	
Latitude:	40.71777
Longitude:	-73.96519

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110021016808
Program Acronyms:

BR:NYP004110672, RCRAINFO:NYP004110672

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	2 of 3	ESE	0.00 / 8.98	10.02 / 1	CON EDISON - VS 1433 METROPOLITAN AVE. & RIVER ST. BROOKLYN NY 11206	RCRA NON GEN

EPA Handler ID: NYP004110672
Gen Status Universe: No Report
Contact Name: ANTHONY DRUMMINGS
Contact Address: 4 IRVING PLACE , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Municipal
Receive Date: 20040227

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20040225
Handler Name: CON EDISON - VS 1433
Generator Status Universe: No Report
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: B002
Waste Code Description: Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil

from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20040226
Handler Name:	CON EDISON - VS 1433
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20040227
Handler Name:	CON EDISON - VS 1433
Generator Status Universe:	No Report
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	4 IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20030505	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Implementer	***Zip Code:***	10003

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	4 IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20030505	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	4 IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20030505	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	4 IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20030505	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Implementer	***Zip Code:***	10003

5 ***3 of 3*** ***ESE*** ***0.00 / 8.98*** ***10.02 / 1*** ***VAULT 4048 RIVER ST/METROPOLITAN AV BROOKLYN NY*** ***NY SPILLS***

Spill No:	0211678	***Spill Date:***	2003-02-25 01:55:00
Site ID:	164045	***Rcvd Date:***	2003-02-25 02:39:00
DER Facility ID:	138339	***CAC Date:***	
CID:	398	***Insp Date:***	
Program Type:	ER	***Close Date:***	2003-09-26 00:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SWIS Code:	2401	**Create Date:**	2003-02-25 00:00:00
Contribute Factor:	Unknown	**Update Date:**	2003-09-29 00:00:00
Water Body:		**DEC Region:**	2
Source:	Institutional, Educational, Gov., Other	**Lead DEC:**	JHOCONNE
Class:	C3	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

con edison 147277. contained to volt. transformer in vault. 50-499 ppm clean up. historic records 6 ppm pcb's.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL e2mis no. 147-277: 2/25/03 - 0155 FOD REPORTS FINDING APPROX 300 GALS OF DIELECTRIC FLUID ON 300 GALS OF WATER IN V4048 (FEEDER 6B43). SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO SEWER CONNECTIONS. UNIT PRESSURE TESTED & SAMPLED 11/7/02 - IT HELD PRESSURE AND THE COUNT CAME BACK AS 6 PPM (LSN # 02-10563). PCB SAMPLE TAKEN. UPDATE: 2/25/03 - 0300 BQE WILL NOTIFIED AT 0600 TO SEND A CREW TO LOC TO PRESSURE TEST TRANSF. UPDATE: 2/25/03 - 0355 RON JAMES TOOK MEASUREMENT OF OIL IN STRUCTURE. NEW ESTIMATE IS 75 GALS OF OIL IN STRUCTURE. 2/25/03 07:47 HRS. -- LAB SEQ 03-01547-001, OIL GRAB: 9 PPM, AROCLOR 1260. -- W.W. #17344 -- UPDATE: 2/25/03 - 1145 G. PALLADINO - O.S. - BQE, REPORTS TRANSFORMER PRESSURE TESTED AND FAILED. TRANSFORMER TO BE REPLACED. INITIAL CLEANUP IN PROGRESS. TJ - 50495 UPDATE: 2/25/03 - 1230 C. FERNANDEZ - O.S. - ENV. OPS., REPORTS STRUCTURE SAMPLED FOR OIL I.D. & FLASHPOINT. CLEANUP ON HOLD PENDING RESULTS. TJ - 50495 13:25 -- C. FERNANDEZ REPORTS CHAIN OF CUSTODY FORM # CC-16334. 2/25/03 16:22 HRS. -- LAB SEQ 03-01565-001, OIL & WATER GRAB: ANALYSIS INDICATES THE PRESENCE OF A SUBSTANCE SIMILAR TO DIELECTRIC FLUID. -- W.W. #17344 -- 2/25/03 18:21 HRS. -- LAB SEQ 03-01566-001, OIL & WATER GRAB: FLASHPOINT >140 DEG. F. UPDATE 2-26-03 1715 HRS OS A. WALKER FLUSH DEPT REPORTS TWO TANKER WERE FULL UP FROM STRUCTURES LIQUID , THIRD TANKER ON LOCATION STRUCTURE MAKES WATER. CLEANUP STILL IN PROGRESS. LAZ # 04425 2/26/03=1935HRS A.WALKER O.S.REPORTS ALL LIQUIDS REMOVED FROM STRUCTURE . INITIAL CLEANUP DONE. STRUCTURE MAKES WATER. STRUCTURE DOULBED WASHED USING BIO-GEN. NETWORK MEET AT 2300HRS TO DRAIN V4048. UPDATE: 2/27/03 - 0130 V. DINEEN - BQE, REPORTS TRANSFORMER DRAINED BY ASTORIA TANKER. TAG REMAINS PENDING TRANSFORMER REMOVAL. TJ - 50495 UPDATE 2-28-03 0930 HRS G. PALADINO OS NETWORK REPORTS TRANSF HOLDS APPROX 410 GALLONS OIL. LAZ # 04425 UPDATE 5/5/03 1530 HRS THIS INCIDENT IS NOW TIED INTO 5/5/03 INCIDENT 148227 (V 1433, V 1856, V 2597) E.VESCE UPDATE 6-17-03 1400 HRS H. TRINIDAD MECH A FLUSH DEPT REPORTS CLEANUP IS COMPLETED. HE DOUBLE WASH STRUCTURE WITH BIO-JEN 760. THEY REMOVED ALL LIQUIDS WITH UNDER 50 PPM TANKER. ALL SOLID WERE REMOVED WITH HIS VACTOR. HE FOUND NO SUMP. HE CEMENTED 2 WEEP HOLES. HE REMOVED E.S.TAG # 29637. TRANSF WAS REMOVED. INCIDENT IS CLOSED. LAZ # 04425

Spiller Information

Spiller Name:		**Spiller Zip:**	10003
Spiller Company:	CON EDISON	**Spiller Country:**	001
Spiller Address:	4 IRVING PLACE	**Contact Name:**	ANDREW MORRIS
Spiller City:	NEW YORK	**Contact Phone:**	(212) 580-6763
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717789000		
Longitude:	-73.965202000		

Material Information

OP Unit ID:	862735	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	511467	**Med GW:**	False
Material Code:	0020A	**Med SW:**	False
Material Name:	transformer oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	300.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

6	***1 of 1***	***ESE***	***0.00 / 17.15***	***11.67 / 2***	***CONSOLIDATED EDISON V2597-METROPOLITAN & RIVER ST BROOKLYN NY***	***GEN MANIFEST***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA ID:	NYP004117834
Mailing Street 1:	4 IRVING PLACE RM 828
District Name:	CONSOLIDATED EDISON
Mailing Street 2:	
Business Phone No:	2124602808
Mailing City:	NEW YORK
Contact Name:	FRANKLIN MURRAY
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

B002: (Wastes containing polychlorinated biphenyls (PCBs)) Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers, and cable.

Waste Amounts By Year:

2004: 10527 Kilograms

7	1 of 2	ENE	0.00 / 19.88	10.00 / 1	NORTH 3RD ST./RIVER RD. 210 FT. WEST OF... BROOKLYN NY	NY SPILLS

Spill No:	0607416	**Spill Date:**	2006-09-28 13:00:00
Site ID:	371133	**Rcvd Date:**	2006-09-28 15:30:00
DER Facility ID:	320920	**CAC Date:**	
CID:	406	**Insp Date:**	
Program Type:	ER	**Close Date:**	2006-10-10 00:00:00
SWIS Code:	2401	**Create Date:**	2006-09-28 15:43:00
Contribute Factor:	Equipment Failure	**Update Date:**	2006-10-10 15:14:09.403000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	SMSANGES
Class:	C4	**Reported by:**	Citizen
Meets Std:	False	**Referred to:**	
Penalty:		**County:**	Kings
REM Phase:	0	**After Hours:**	
UST Trust:			
Caller Remark:			

caller was taking water levels in a monitoring well 25ft. west of the spill site. He saw the oil under the drill rig in the soil on the side of the road. No clean up was done besides kicking dirt over the spill.. The drill company is gone for the day.

DEC Remark:

minor surface spill

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	WARREN GEORGE INC.	**Spiller Country:**	001
Spiller Address:		**Contact Name:**	BRIAN MONTROY
Spiller City:	JERSEY CITY	**Contact Phone:**	(845) 642-8681
Spiller State:	NJ	**Contact Ext:**	CELL
Latitude:			
Longitude:			

Material Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

OP Unit ID:	1128904	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2118559	**Med GW:**	False
Material Code:	0010	**Med SW:**	False
Material Name:	hydraulic oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	8.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

7	2 of 2	ENE	0.00 / 19.88	10.00 / 1	1 GAL HYDRAULIC OIL FROM DRILL RIG NORTH 3 STREET & RIVER STREET BROOKLYN NY	NY SPILLS

Spill No:	0607410	**Spill Date:**	2006-09-28 12:05:00
Site ID:	371119	**Rcvd Date:**	2006-09-28 14:21:00
DER Facility ID:	320906	**CAC Date:**	
CID:	444	**Insp Date:**	
Program Type:	ER	**Close Date:**	2006-12-21 00:00:00
SWIS Code:	2401	**Create Date:**	2006-09-28 14:31:00
Contribute Factor:	Unknown	**Update Date:**	2006-12-21 16:48:55.903000000
Water Body:		**DEC Region:**	2
Source:	Commercial Vehicle	**Lead DEC:**	GDBREEN
Class:	C4	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

less then 1 gallon falied piece of equipment; coned # 202684 clean up in process

DEC Remark:

12/21/06 - See e-docs for Con Ed report detailing cleanup and closure. 202684. see eDocs

Spiller Information

Spiller Name:	ERTS	**Spiller Zip:**	
Spiller Company:	CON EDISON	**Spiller Country:**	999
Spiller Address:	NORTH 3RD ST/RIVER AVE	**Contact Name:**	ERTS
Spiller City:	BROOKLYN	**Contact Phone:**	(212) 580-8383
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1128890	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2118545	**Med GW:**	False
Material Code:	0066A	**Med SW:**	False
Material Name:	unknown petroleum	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	1.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	1 of 1	ESE	0.01 / 62.60	12.58 / 3	AINSLIE VENTURE LLC 31 METROPOLITAN AVENUE Brooklyn NY 11211	E DESIGNATION

BBL: 3023710050
E-Designation No: E-138
E-Designation Date: 12/20/2018
Year Built: 0
Lot Area: 0
Land Use: 2
Land Use Desc:
Owner Type:
Owner Type Desc:
Area Source: 2
Area Source Desc: Department of Finance's RPAD File
Extension Code:
Extension Desc:
Proximity Code: 3
Proximity Desc: Attached
Lot Type: 3
Lot Type Desc: Corner - A tax lot bordering on two intersecting streets.
Basement Code: 2
Basement Desc: Full Basement that is Below Grade (The basement is 75% or more of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)

Community District: 301
Tax Block: 2371
Tax Lot: 50
X Coordinate: 997234
Y Coordinate: 199099

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	1 of 16	SSE	0.02 / 83.44	15.92 / 6	FYN PAINT & LAQUER CO. INC. 230 Kent Avenue Brooklyn NY 11211	AST

Site ID: 340099
Site Status: Unregulated/Closed
Program No: 2-000151
Program Type Code: CBS
Program Type Desc: Chemical Bulk Storage
Site Type: Manufacturing (Other than Chemical)/Processing

Expiry:
County: Kings
UTM X: 587396.11665
UTM Y: 4507872.90939

Tank Information

Prog No: 2-000151
Tank ID: 187872
Tank No: 009
Tank Status: 4
Tank Status Desc: Closed - In Place
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron

UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Line Last Test Due:

Install Date:	1976-07-01 00:00:00	**Next Line Test Due:**	
Close Date:	1999-11-01 00:00:00	**Line Test Method:**	
Capacity (Gal):	2500	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	CBSInit
Tank Model:		**Last Modified:**	2005-03-21 18:03:06.230000000
Pipe Model:			
Tank Location:	3		
Tank Location Desc:	Aboveground on saddles, legs, stilts, rack or cradle		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Tank Owner Name:			
Tank Owner Address:			

Tank Information

Prog No:	2-000151	**UDC Ind:**	1
Tank ID:	187873	**Red Tag Start Date:**	
Tank No:	0010	**Red Tag End Date:**	
Tank Status:	4	**Tank Last Test:**	
Tank Status Desc:	Closed - In Place	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:	1976-07-01 00:00:00	**Next Line Test Due:**	
Close Date:	1999-11-01 00:00:00	**Line Test Method:**	
Capacity (Gal):	1500	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	KAKYER
Tank Model:		**Last Modified:**	2006-12-04 07:44:40.263000000
Pipe Model:			
Tank Location:	3		
Tank Location Desc:	Aboveground on saddles, legs, stilts, rack or cradle		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Tank Owner Name:			
Tank Owner Address:			

Tank Information

Prog No:	2-000151	**UDC Ind:**	1
Tank ID:	187875	**Red Tag Start Date:**	
Tank No:	0012	**Red Tag End Date:**	
Tank Status:	4	**Tank Last Test:**	
Tank Status Desc:	Closed - In Place	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:		**Next Line Test Due:**	
Close Date:		**Line Test Method:**	
Capacity (Gal):	700	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	CBSInit
Tank Model:		**Last Modified:**	2005-03-21 18:03:06.230000000
Pipe Model:			
Tank Location:	3		
Tank Location Desc:	Aboveground on saddles, legs, stilts, rack or cradle		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Tank Owner Name:			
Tank Owner Address:			

Tank Information

Prog No:	2-000151	***UDC Ind:***	1
Tank ID:	187876	***Red Tag Start Date:***	
Tank No:	0013	***Red Tag End Date:***	
Tank Status:	4	***Tank Last Test:***	
Tank Status Desc:	Closed - In Place	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Line Last Test Due:***	
Install Date:		***Next Line Test Due:***	
Close Date:		***Line Test Method:***	
Capacity (Gal):	700	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	CBSInit
Tank Model:		***Last Modified:***	2005-03-21 18:03:06.230000000
Pipe Model:			

Tank Location: 3
Tank Location Desc: Aboveground on saddles, legs, stilts, rack or cradle
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No:	2-000151	***UDC Ind:***	1
Tank ID:	187874	***Red Tag Start Date:***	
Tank No:	0011	***Red Tag End Date:***	
Tank Status:	4	***Tank Last Test:***	
Tank Status Desc:	Closed - In Place	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Line Last Test Due:***	
Install Date:		***Next Line Test Due:***	
Close Date:		***Line Test Method:***	
Capacity (Gal):	700	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	CBSInit
Tank Model:		***Last Modified:***	2005-03-21 18:03:06.230000000
Pipe Model:			

Tank Location: 3
Tank Location Desc: Aboveground on saddles, legs, stilts, rack or cradle
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No:	2-000151	***UDC Ind:***	1
Tank ID:	187877	***Red Tag Start Date:***	
Tank No:	0014	***Red Tag End Date:***	
Tank Status:	4	***Tank Last Test:***	
Tank Status Desc:	Closed - In Place	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Line Last Test Due:***	
Install Date:		***Next Line Test Due:***	
Close Date:		***Line Test Method:***	
Capacity (Gal):	700	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	CBSInit
Tank Model:		***Last Modified:***	2005-03-21 18:03:06.230000000
Pipe Model:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Location: 3
Tank Location Desc: Aboveground on saddles, legs, stilts, rack or cradle
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	2 of 16	SSE	0.02 / 83.44	15.92 / 6	Fyn Paint and Lacquer Co., Inc. - Off-Site 230 Kent Avenue Brooklyn NY 11249	BROWNFIELDS

Site Code: 509286
HW Code: C224154A
Site Class: A
Site Address: 230 Kent Avenue
City: Brooklyn
ZIP: 11249
County: Kings
SWIS: 2401
Region: 2
Town: New York City
Acres:
Record Added: 2015-06-17 15:05:00
Record Update: 2018-10-29 16:53:00
Updated by: JHOCONNE
Latitude: 40.717222222
Longitude: -73.965277778

Site Code (GIS): C224154A
Site Class (GIS): A
Address1 (GIS): 230 Kent Avenue
Address2 (GIS):
Locality (GIS): Brooklyn
ZIP Code (GIS): 11249
County (GIS): Kings
Town (GIS): New York City
Region (GIS): 2
X Coord (GIS): 587393.29468
Y Coord (GIS): 4507881.58510
Method: 1.1
Accuracy: None
Latitude (GIS): 40.7172219122225
Longitude (GIS): -73.9652777801277

Site Name: Fyn Paint and Lacquer Co., Inc. - Off-Site
Site Name (GIS): Fyn Paint and Lacquer Co., Inc. - Off-Site
Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.
Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.
Program: BCP
Program Desc: BCP
Assess DOH: Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.
Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

The area of concern subject to this work is considered off-site from BCP site C224154 and reflects the investigation and possible remediation of contamination that may have migrated from that site. This work is being carried out as provided for under the Environmental Conservation Law Section 27-1411.5. Please see C224154 for further information regarding the status of the site in the Brownfield Cleanup program. Location: The Fyn Paint and Lacquer Co., Inc.- Off-Site is located in an urban area in Brooklyn, Kings County. The site is situated on the block bounded by Kent Avenue to the east, Metropolitan Avenue to the north, North First Street to the south and River Street to the west. Site Features: The site consists of the areas surrounding the Fyn Paint facility. Site Geology and Hydrogeology: Based on information collected during the investigation of C224154, shallow soil consist fill material followed by medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (bgs). Groundwater flow direction is toward the west. The depth to groundwater is approximately 12 to 15 ft below grade. The East River is located approximately 500 feet to the west of the Fyn Paint site.

Assessment:

Nature and Extent of Contamination: The remedial investigation for the C224154 site revealed: a) contamination: the soil, soil vapor and the groundwater are contaminated with volatile organic compounds (VOCs). The main VOCs are acetone, ethylbenzene, toluene, and mixed xylenes which have migrated off-site from C224154. b) areal/depth extent: the VOC plume from site C224154 extends across the footprint of the Fyn Paint building under the adjacent sidewalks, parking lot and streets. c) concentrations: Groundwater monitoring conducted in 2006 revealed non-aqueous phase liquid

(NAPL) and dissolved-phase contamination in on-site and off-site monitoring wells.

Materials Information

Waste Name:	ethylbenzene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	acetone	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	xylene (mixed)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	toluene	***Waste Quantity:***	UNKNOWN
Waste Code:			

HW Extra Information

Dump:	False	***Disposal Start:***	
Structure:	False	***Disposal Terminate:***	
Lagoon:	False	***Latitude:***	
Landfill:	False	***Longitude:***	
Pond:	False	***Record Added:***	2016-01-11 14:18:00
Dell:		***Record Updated:***	2016-01-11 14:18:00
Updated By:	JHOCONNE		

9 ***3 of 16*** ***SSE*** ***0.02 / 83.44*** ***15.92 / 6*** ***Fyn Paint and Lacquer Co., Inc.*** ***230 Kent Avenue*** ***Brooklyn NY 11249*** ***BROWNFIELDS***

Site Code:	502562	***Site Code (GIS):***	C224154
HW Code:	C224154	***Site Class (GIS):***	A
Site Class:	A	***Address1 (GIS):***	230 Kent Avenue
Site Address:	230 Kent Avenue	***Address2 (GIS):***	
City:	Brooklyn	***Locality (GIS):***	Brooklyn
ZIP:	11249	***ZIP Code (GIS):***	11249
County:	Kings	***County (GIS):***	Kings
SWIS:	2401	***Town (GIS):***	New York City
Region:	2	***Region (GIS):***	2
Town:	New York City	***X Coord (GIS):***	587393.29468
Acres:	0.135	***Y Coord (GIS):***	4507881.58510
Record Added:	2014-12-04 10:44:00	***Method:***	1.1
Record Update:	2019-01-22 15:01:00	***Accuracy:***	None
Updated by:	JHOCONNE	***Latitude (GIS):***	40.7172219122225
Latitude:	40.717222222	***Longitude (GIS):***	-73.9652777801277
Longitude:	-73.965277778		

Site Name: Fyn Paint and Lacquer Co., Inc.

Site Name (GIS): Fyn Paint and Lacquer Co., Inc.

Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Program: BCP

Program Desc: BCP

Assess DOH: People may contact contaminated soils or groundwater if they dig below the surface. People are not drinking contaminated groundwater associated with the site because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion on-site. Further evaluation is needed to determine whether soil vapor intrusion is a concern for off-site

structures.

Source of Data:

Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The Fyn Paint and Lacquer Co., Inc. site is located in an urban area at 230 Kent Avenue in Brooklyn, Kings County. The site is situated on the block bounded by Kent Avenue to the east, Metropolitan Avenue to the north, North First Street to the south and River Street to the west. Alternate addresses for the property are: 230-232 Kent Avenue; 76-80 River Street; and 29-37 North First Street. Site Features: The site consists of a 0.135-acre lot improved with an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contains the heating oil tank, furnace and controls for the sprinkler system. Current Zoning and Land Use: The site land use is currently recorded as Industrial and Manufacturing. Zoning for the property is M3-1, which is designated for areas with heavy industries that generate noise, traffic or pollutants. The on-site building is currently vacant. Past Use of the Site: Past land uses associated with the site include a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State's Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary.

Assessment:

Nature and Extent of Contamination: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed-in-place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved-phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub-slab vapor - Sub-slab vapor samples were collected beneath the on-site building's basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub-slab vapor extend to the property boundaries.

Materials Information

Waste Name:	ETHYLBENZENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	TOLUENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	XYLENE (MIXED)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	ACETONE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	benzene	***Waste Quantity:***	UNKNOWN
Waste Code:			

Owner Information

Seq No:	0000001	***Owner Street:***	1177 Avenue of Americas
Sub Type:	P03	***Owner Street 2:***	
Own Op:	06	***Owner City:***	New York
Owner Name:	Charles S. Warren, Esq.	***Owner State:***	NY
Owner Company:	Kent Riverview LLC c/o Kramer Levin Naftalis & Frankel LLP	***Owner Zip:***	10036

Country:	United States of America		
Seq No:	0000001	**Owner Street:**	81 Devoe Street at Leonard St.
Sub Type:	NNN	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Company:	Brooklyn Public Library - Leonard Branch	**Owner Zip:**	11211
Country:	United States of America		
Seq No:	0000003	**Owner Street:**	435 Graham Avenue
Sub Type:	C01	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Company:	Brooklyn Community Board No. 1	**Owner Zip:**	11211
Country:	United States of America		
Seq No:	0000002	**Owner Street:**	107 Norman Avenue at Leonard St.
Sub Type:	NNN	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Company:	Brooklyn Public Library - Greenpoint Branch	**Owner Zip:**	11222
Country:	United States of America		

HW Extra Information

Dump:	False	**Disposal Start:**	1950
Structure:	True	**Disposal Terminate:**	
Lagoon:	False	**Latitude:**	
Landfill:	False	**Longitude:**	
Pond:	False	**Record Added:**	2014-12-04 11:46:00
Dell:		**Record Updated:**	2016-09-27 10:27:00
Updated By:	IXMUNTEA		

Projects Information

Project Code:	04	**Operable Unit ID:**	1251932
Project Desc:	Remedial Design	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2016-11-01 00:00:00	**Code Name:**	Remedial Design
End Status:	ACT		
Project Code:	02	**Operable Unit ID:**	1251932
Project Desc:	Remedial Investigation	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2016-10-28 00:00:00	**Code Name:**	Remedial Investigation
End Status:	ACT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	4 of 16	SSE	0.02 / 83.44	15.92 / 6	FYN PAINT AND LACQUER CO., INC. 230 KENT AVENUE BROOKLYN NY 100071866	CERCLIS

Site ID:	0206513	**RNPL Status Code:**	N
Site EPA ID:	NYC200400950	**NPL Status:**	Not on the NPL
Site Street Address 2:		**RFED Facility Code:**	N
Site County Name:	KINGS	**RFED Facility Desc:**	Not a Federal Facility
Site FIPS Code:	36047	**USGS Hydro Unit No.:**	
Region Code:	02	**Site Cong. Dist. Code:**	08
Site SMSA No.:		**ROT Desc:**	
Site Prim. Latitude:	+40.71718	**FR NPL Update No.:**	
Site Prim. Longitude:	-073.9653	**RFRA Code:**	
Lat Long Source:			
RNON NPL Status Desc:	Removal Only Site (No Site Assessment Work Needed)		

CERCLIS Assess History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	RS	**Act Complete Date:**	11/29/2011 00:00:00
RAT Short Name:	RV ASSESS	**AGT Order No.:**	30
RAT Name:	REMOVAL ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	V	**SH Lead:**	
SPA Code:	08		

RAT Def: Collecting site characteristics to determine whether or not a removal must be performed.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	
Act Code ID:		**Act Start Date:**	
RAT Code:		**Act Complete Date:**	
RAT Short Name:		**AGT Order No.:**	0
RAT Name:		**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:		**SH Seq:**	
RAT Level:		**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:			

RAT Def:
Site Desc: Former paint and lacquer manufacturing facility
.
Site Alias: No alias data available

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	PRP Rsp Fed
Act Code ID:	001	**Act Start Date:**	11/16/2011 00:00:00
RAT Code:	PJ	**Act Complete Date:**	1/13/2012 00:00:00
RAT Short Name:	RP EM REM	**AGT Order No.:**	95
RAT Name:	POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The PRP or their contractors have begun construction work on-site in response to an emergency incident, and EPA provides on-site technical oversight and/or is part of an incident command system/unified command. The date of construction is reported in WasteLAN as the PRP Emergency Removal actual start date.
Site Desc:
Site Alias:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	5 of 16	SSE	0.02 / 83.44	15.92 / 6	FYN PAINT & LAQUER CO. INC. 230 KENT AVENUE BROOKLYN NY 11211	DELISTED TANKS

Delisted Storage Tanks

Program No:	2-000151	**DEC Region:**	2
Site ID:	340099	**County:**	Kings
Site Status:	Unregulated	**UTM X:**	587396.11665
Program Type:	Chemical Bulk Storage	**UTM Y:**	4507872.90939

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program Type Code: CBS
Expiry: N/A
Site Type: Manufacturing (Other than Chemical)/Processing
Original Source: CBS
Record Date: 28-AUG-2013

9	6 of 16	SSE	0.02 / 83.44	15.92 / 6	FYN PAINT AND LACQUER CO INC 230 KENT AVENUE BROOKLYN NY 11211	GEN MANIFEST

RCRA ID: NYD001270867
Mailing Street 1: 110 CORPORATE PARK DR STE 175
District Name: FYN PAINT AND LACQUER CO INC
Mailing Street 2:
Business Phone No: 7183884130
Mailing City: WHITE PLAINS
Contact Name: HOWARD SIMKA GENERAL MANA
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10604
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D035: METHYL ETHYL KETONE (Waste Code Description from EPA Hazardous Waste Identification)
F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*
F005: (Generic) The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, and pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002 or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

Waste Amounts By Year:

2014: 315 Pounds
2018: 15 Pounds; 3200 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*
F005: (Generic) The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, and pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002 or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

Waste Amounts By Year:

2009: 495 Gallons; 715 Gallons
2010: 2000 Pounds; 1000 Pounds

Waste Code(s):

D003: REACTIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

D005: BARIUM (Waste Code Description from EPA Hazardous Waste Identification)
D007: CHROMIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2011: 30 Pounds

Waste Code(s):

F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*
F005: (Generic) The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, and pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002 or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

Waste Amounts By Year:

2010: 15120 Kilograms; 14720 Kilograms; 15290 Kilograms; 22094 Pounds; 14600 Kilograms; 16460 Kilograms; 5500 Pounds; 2500 Pounds; 18140 Kilograms; 19360 Kilograms; 19940 Kilograms; 13880 Kilograms; 13600 Kilograms; 16420 Kilograms; 18580 Kilograms; 11820 Kilograms; 20650 Kilograms; 14220 Kilograms; 24034 Pounds; 18125 Pounds; 41080 Pounds; 24960 Pounds
2012: 4717 Kilograms
2013: 4916 Pounds; 9524 Pounds
2014: 470 Pounds; 1315 Pounds
2015: 5726 Pounds
2016: 3409 Pounds

Waste Code(s):

F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*
F008: (Generic) Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process. (R,T)

Waste Amounts By Year:

2011: 200 Pounds

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2010: 10 Pounds; 20 Pounds
2011: 28 Pounds; 4 Pounds; 23 Pounds

Waste Code(s):

U080: (75-09-2) Methane, dichloro-

Waste Amounts By Year:

2010: 10 Pounds

Waste Code(s):

D005: BARIUM (Waste Code Description from EPA Hazardous Waste Identification)
D006: CADMIUM (Waste Code Description from EPA Hazardous Waste Identification)
D007: CHROMIUM (Waste Code Description from EPA Hazardous Waste Identification)
D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)
D010: SELENIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2012: 1050 Pounds

Waste Code(s):

D009: MERCURY (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2013: 10 Pounds

Waste Code(s):

F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

Waste Amounts By Year:

1982: 1650 Gallons; 550 Gallons
1983: 1705 Gallons; 440 Gallons; 550 Gallons
1984: 2145 Gallons; 605 Gallons; 825 Gallons; 2400 Gallons; 660 Gallons; 4125 Gallons
1985: 825 Gallons
1986: 3000 Gallons
1988: 2863 Gallons
1991: 2200 Gallons
1992: 1900 Gallons
1993: 9000 Pounds
1995: 330 Gallons; 3868 Gallons
1996: 3067 Gallons
1998: 5000 Pounds; 4500 Gallons
1999: 935 Gallons

Waste Code(s):

F005: (Generic) The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, and pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002 or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

Waste Amounts By Year:

1989: 3000 Gallons
1990: 3000 Gallons

Waste Code(s):

U069: (84-74-2) 1,2-Benzenedicarboxylic acid, dibutyl ester

Waste Amounts By Year:

2012: 350 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D003: REACTIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2011: 1 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
U002: (67-64-1) 2-Propanone (I)

Waste Amounts By Year:

2011: 290 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2010: 10 Pounds
2011: 275 Pounds; 87 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
U168: (91-59-8) 2-Naphthalenamine

Waste Amounts By Year:

2010: 10 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D005: BARIUM (Waste Code Description from EPA Hazardous Waste Identification)
D007: CHROMIUM (Waste Code Description from EPA Hazardous Waste Identification)
D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2011: 4800 Pounds; 2580 Pounds
2012: 1750 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D035: METHYL ETHYL KETONE (Waste Code Description from EPA Hazardous Waste Identification)
U002: (67-64-1) 2-Propanone (I)
U159: (78-93-3) Methyl ethyl ketone (MEK) (I,T)
U239: (1330-20-7) Xylene (I)

Waste Amounts By Year:

2011: 150 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
U154: (67-56-1) Methanol (I)

Waste Amounts By Year:

2011: 120 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
U159: (78-93-3) Methyl ethyl ketone (MEK) (I,T)

Waste Amounts By Year:

2011: 145 Pounds

Waste Code(s):

D007: CHROMIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2011: 10 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1980/1981: 1045 Gallons; 605 Gallons; 530 Gallons
1983: 2600 Gallons
1985: 3100 Gallons; 2800 Gallons
1993: 7500 Pounds
1996: 23600 Pounds
2009: 825 Gallons
2010: 800 Pounds
2011: 11700 Pounds; 142 Pounds; 21 Pounds; 20 Pounds; 4 Pounds; 20 Pounds; 1181 Pounds
2012: 300 Pounds; 2100 Pounds; 400 Pounds; 800 Pounds; 2500 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D013: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER) (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2011: 17 Pounds

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2012: 36080 Pounds; 15 Tons

9	***7 of 16***	***SSE***	***0.02 / 83.44***	***15.92 / 6***	***FYN PAINT & LACQUER CO INC 230 KENT AVE BROOKLYN NY 11211***	***ICIS***

EPA Region:	02	***Federal Facility ID:***	
FRS Facility UIN:	110004333203	***Tribal Land Code:***	
Program Syst ID:	12535	***County:***	Kings
Prog Sys Acrnym:	ICIS	***Latitude:***	40.716821
Permit Type:		***Longitude:***	-73.965459

--Details--

EA Identifier:	02-1989-0303	***Enf Act Forum Dsc:***	Administrative - Formal
EA Type Code:	114	***Fac NAICS Code:***	
EA Type Desc:	CAA 114 Information Request Letters (Old)	***Facility SIC Code:***	
EA Name:	FYN COATINGS		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	8 of 16	SSE	0.02 / 83.44	15.92 / 6	FYN PAINT & LACQUER CO INC- 230 KENT AVE 230 KENT AVENUE BROOKLYN NY 11211	ICIS

EPA Region: 02
FRS Facility UIN: 110004333203
Program Syst ID: NY0000002610100205
Prog Sys Acrnym: AIR
Permit Type:

Federal Facility ID:
Tribal Land Code:
County: Kings
Latitude: 40.71683
Longitude: -73.96545

--Details--
EA Identifier:
EA Type Code:
EA Type Desc:
EA Name:

Enf Act Forum Dsc:
Fac NAICS Code: 325510
Facility SIC Code: 2851

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	9 of 16	SSE	0.02 / 83.44	15.92 / 6	FYN PAINT & LACQUER CO INC- 230 KENT AVE 230 KENT AVENUE BROOKLYN NY 11211	ICIS

EPA Region: 02
FRS Facility UIN: 110004333203
Program Syst ID: NY0000NY2610100205
Prog Sys Acrnym: AIR
Permit Type:

Federal Facility ID:
Tribal Land Code:
County: Kings
Latitude: 40.71683
Longitude: -73.96545

--Details--
EA Identifier:
EA Type Code:
EA Type Desc:
EA Name:

Enf Act Forum Dsc:
Fac NAICS Code: 325510
Facility SIC Code: 2851

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	10 of 16	SSE	0.02 / 83.44	15.92 / 6	Fyn Paint and Lacquer Co., Inc. 230 Kent Avenue Brooklyn NY 11249	INST

Site Code: 56974
HW Code: V00380
Site Class: N
Control Type: INST
Program: VCP
Program Desc: VCP
SWIS: 2401
Site Address: 230 Kent Avenue
City: Brooklyn
ZIP: 11249
County: Kings
Region: 2
Town: New York City
Latitude: 40.717278030
Longitude: -73.965381110
Site Name: Fyn Paint and Lacquer Co., Inc.
Site Name (GIS): Fyn Paint and Lacquer Co., Inc.
Address 2 (GIS):
Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a

Site Code (GIS): V00380
Site Class (GIS): N
Address 1 (GIS): 230 Kent Avenue
Locality (GIS): Brooklyn
Zip Code (GIS): 11249
County (GIS): Kings
Town (GIS): New York City
Region (GIS): 2
X Coord (GIS): 587384.49353
Y Coord (GIS): 4507887.71161
Method: 4.3
Accuracy: 0 to 10 meters
Latitude (GIS): 40.7172780289309
Longitude (GIS): -73.965381113722
Acres: 0.135

volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Assess DOH: It is unlikely that people will drink contaminated groundwater since the area is provided with public water. It is also unlikely that area residents will come in contact with contaminated soil and subsurface material since the site and the surrounding area are covered with buildings and pavement. If the site is redeveloped, construction workers or future site occupants may come in contact with site related contamination in soil if it is not handled properly. The potential for nearby residents and building occupants to breathe site-related contaminants that may migrate into nearby buildings via soil vapor intrusion will be evaluated.

Description:

Location: The 0.135 acre site is located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, by River Street to the west, by North First Street to the south, and by Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: On site it is a two story wood frame building with a partial basement. The building was used for paint and lacquer manufacturing. The site has a RCRA Closure Work Plan which began in 2011 (EPA # 001270867). Current Zoning: The current zoning is M3-1, heavy manufacturing. The site is located approximately 500 ft from the East River. The surrounding neighborhood consisted of warehouses, other manufacturing facilities, and residential buildings. In the last ten years, the neighborhood has transformed into a predominantly residential area. Historical Use: The site was a paint and lacquer manufacturing facility from 1930 to 2010. The facility was a large hazardous waste generator with an assigned EPA number 001270867. The owner of the site entered into a Voluntary Cleanup Agreement (VCA) with the Department in April 2001. Geology and Hydrogeology: The site is located in the Atlantic Coastal Plain. The geology of this province is comprised of interbedded of sand clay and marl. The shallow soil beneath the site consists of 75 feet of medium and course sand, gravel and silt layers. The groundwater is 7 to 15 feet below grade. The groundwater flow direction is west towards East River.

Assessment:

Nature and Extent of Contamination: a) contamination: based on the investigations performed at the site it was revealed that the soil, soil vapor and groundwater are contaminated with volatile organic compounds (VOCs). The main VOCs are acetone, ethylbenzene, toluene, and mixed xylenes. b) areal/depth extent: the VOC plume from 14 closed-in-place underground storage tanks (USTs), and from spills which occurred during the manufacture of paint and lacquer, extends across the foot print of the Fyn Paint building into the adjacent sidewalks and parking lot. c) concentrations: Groundwater monitoring conducted in 2006 revealed non-aqueous phase liquid (NAPL) and dissolved-phase contamination in three of the on-site and off-site monitoring wells. In March 2007, an Interim Remedial Measure (IRM) consisting of a groundwater pump and treatment system with an activated carbon filtration stage was installed and operated at the site. The Remedial Investigation (RI) was completed in January 2008. A Remedial Action Work Plan (RAWP) to address on-site and off-site contamination was approved by the Department in October 2009. In 2010, a pilot test for soil vapor extraction and dual phase extraction system was performed for additional remedial system design. In July 2011, the RCRA closure work plan was approved and RCRA closure activities continued through 2014. In May 2013 the supplemental remedial investigation work plan (SRIWP)was approved for off site (OU-2)contamination plume. In 2014, the Remedial Design for a dual phase extraction system (DPES) was approved and the system was installed. As of November 2014, the SRIWP for OU-2 has not been implemented and the Volunteer stopped paying for the remedial action. As a result, the Voluntary Cleanup Agreement for this site has been terminated. In March 2015, a new owner applied and the site was accepted into the Brownfield Cleanup

Program under site no. C224154.

Controls Information

Control Code:	25	***Record Added Date:***	2014-11-21 13:14:03.317000000
Control Name:	Landuse Restriction	***Record Updated Date:***	2014-11-21 13:14:03.317000000
Control Type:	INST	***In Place Date:***	2008-04-11 00:00:00
Updated By:	IXMUNTEA		

Control Code:	26	***Record Added Date:***	2014-11-21 13:14:03.317000000
Control Name:	Building Use Restriction	***Record Updated Date:***	2014-11-21 13:14:03.317000000
Control Type:	INST	***In Place Date:***	2008-04-11 00:00:00
Updated By:	IXMUNTEA		

Control Code:	A	***Record Added Date:***	2014-11-21 13:14:03.317000000
Control Name:	Deed Restriction	***Record Updated Date:***	2014-11-21 13:14:03.317000000
Control Type:	INST	***In Place Date:***	2008-04-11 00:00:00
Updated By:	IXMUNTEA		

Control Code:	08	***Record Added Date:***	2014-11-21 13:14:03.317000000
Control Name:	Ground Water Use Restriction	***Record Updated Date:***	2014-11-21 13:14:03.317000000
Control Type:	INST	***In Place Date:***	2008-04-11 00:00:00
Updated By:	IXMUNTEA		

Owner Information

Owner Op:	19	***Owner Street 2:***	
Seq No:	0000001	***Owner City:***	Brooklyn
Sub Type:	C01	***Owner State:***	NY
Owner Name:		***Owner Zip:***	11222
Owner Company:	Brooklyn Public Library - Greenpoint Branch	***Country:***	United States of America
Owner Street:	107 Norman Ave. (at Leonard St.)		

Owner Op:	01	***Owner Street 2:***	100 Quentin Roosevelt Ave.
Seq No:	0000001	***Owner City:***	Garden City
Sub Type:	E	***Owner State:***	NY
Owner Name:	Jeffrey Herz, Esq	***Owner Zip:***	11530
Owner Company:	Kent River Corporation	***Country:***	United States of America
Owner Street:	Cullen and Dykman, LLP		

Owner Op:	19	***Owner Street 2:***	
Seq No:	0000003	***Owner City:***	LIC
Sub Type:	NNN	***Owner State:***	NY
Owner Name:	Ioana Munteanu-Ramnic, P.E.	***Owner Zip:***	11101
Owner Company:	NYSDEC	***Country:***	United States of America
Owner Street:	47-40 21st St., First Floor		

Owner Op:	19	***Owner Street 2:***	
Seq No:	0000002	***Owner City:***	Brooklyn
Sub Type:	C01	***Owner State:***	NY
Owner Name:		***Owner Zip:***	11211
Owner Company:	Brooklyn Public Library - Leonard Branch	***Country:***	United States of America
Owner Street:	81 Devoe St. (at Leonard)		

Projects Information

Project Code:	04	***Operable Unit ID:***	4136
Project Desc:	Remedial Design	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2013-10-15 00:00:00	***Code Name:***	Remedial Design
End Status:	ACT		

Project Code:	02	***Operable Unit ID:***	4136
Project Desc:	Remedial Investigation	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
End Date:	2009-10-16 00:00:00			**Code Name:**	Remedial Investigation	
End Status:	ACT					

9	11 of 16	SSE	0.02 / 83.44	15.92 / 6	FYN PAINT 33 NORTH 1ST STREET BROOKLYN NY	LST

Spill No:	9815508	**Spill Date:**	1999-03-30 12:00:00
Site ID:	197936	**Rcvd Date:**	1999-03-30 12:55:00
DER Facility ID:	164733	**CAC Date:**	
CID:	252	**Insp Date:**	
Program Type:	ER	**Close Date:**	2000-05-23 00:00:00
SWIS Code:	2401	**Create Date:**	1999-03-30 00:00:00
Contribute Factor:	Tank Failure	**Update Date:**	2008-08-22 13:44:26
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	O'DOWD
Class:	B3	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

ABANDONDED TANKS IN PLACE-CONTAMINATION DISCOVERED UPON DRILLING AROUND THE TANKS. TANK CLOSURE REPORT ON FILE.

DEC Remark:

See spill no. 9910798 and Voluntary Cleanup Program site no. V00380.

Spiller Information

Spiller Name:	DAN ROF	**Spiller Zip:**	
Spiller Company:	FYN PAINT	**Spiller Country:**	001
Spiller Address:	33 NORTH 1ST STREET	**Contact Name:**	DAN ROF
Spiller City:	BROOKLYN	**Contact Phone:**	(718) 721-3400
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.717191560		
Longitude:	-73.965494850		

Material Information

OP Unit ID:	1076536	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	308612	**Med GW:**	False
Material Code:	0056A	**Med SW:**	False
Material Name:	paint thinners	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

OP Unit ID:	1076536	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	308613	**Med GW:**	False
Material Code:	0059A	**Med SW:**	False
Material Name:	solvents	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	12 of 16	SSE	0.02 / 83.44	15.92 / 6	FORMER FYN PAINT& LACQUER CO INC 230 KENT AVE BROOKLYN NY 11211	RCRA LQG

EPA Handler ID: NYD001270867
Gen Status Universe: Large Quantity Generator
Contact Name: SEAN C GROSZKOWSKI
Contact Address: 4 , WESTCHESTER PARK DR , SUITE 175 , WHITE PLAINS , NY, 10604 , US
Contact Phone No and Ext: 914-694-5711
Contact Email: GROSZKOWSKI@LBGNY.COM
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20180213

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date: 20140814
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19960809
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19851212
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1

Receive Date: 19800815
Handler Name: FYN PAINT & LACQUER CO INC
Generator Status Universe: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: K078
Waste Code Description: DESCRIPTION

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19920320
Handler Name: FYN PAINT LA
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19960320
Handler Name: FYN PAINT & LAQUER CO
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990714
Handler Name: FYN PAINT & LACQUER CO INC
Generator Status Universe: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20010101
Handler Name: FYN PAINT & LACQUER CO INC
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: FYN PAINT & LACQUER CO INC
Generator Status Universe: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: FYN PAINT & LACQUER CO INC
Generator Status Universe: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20120321
Handler Name: FYN PAINT& LACQUER CO INC
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U154
Waste Code Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Hazardous Waste Code: U159
Waste Code Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Hazardous Waste Code: U239
Waste Code Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20120322
Handler Name: FORMER FYN PAINT& LACQUER CO INC

Generator Status Universe: Large Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20140314
Handler Name: FYN PAINT& LACQUER CO INC
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20160212
Handler Name: FYN PAINT& LACQUER CO INC
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20180213
Handler Name: FORMER FYN PAINT& LACQUER CO INC
Generator Status Universe: Large Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	157
Type:	Private	***Street 1:***	MIDGELY DR
Name:	JOY FEINSTEIN	***Street 2:***	
Date Became Current:	20110715	***City:***	HEWLETT
Date Ended Current:		***State:***	NY
Phone:	151-637-4797	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	11557

Owner/Operator Ind:	Current Owner	***Street No:***	157
Type:	Private	***Street 1:***	MIDGELY DR
Name:	JOY FEINSTEIN	***Street 2:***	
Date Became Current:	20110715	***City:***	HEWLETT
Date Ended Current:		***State:***	NY
Phone:	516-374-7975	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	11557

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	FYN PAINT & LACQUER CO INC.	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	US
Source Type:	Implementer	**Zip Code:**	99999
Owner/Operator Ind:	Current Operator	**Street No:**	157
Type:	Private	**Street 1:**	MIDGELY DR
Name:	LBG INC	**Street 2:**	
Date Became Current:	20111116	**City:**	HEWLETT
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	11557
Owner/Operator Ind:	Current Operator	**Street No:**	157
Type:	Private	**Street 1:**	MIDGELY DR
Name:	LBG INC	**Street 2:**	
Date Became Current:	20111116	**City:**	HEWLETT
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Implementer	**Zip Code:**	11557
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	L B G INC	**Street 2:**	
Date Became Current:	20111116	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	157
Type:	Private	**Street 1:**	MIDGELY DR
Name:	JOY FEINSTEIN	**Street 2:**	
Date Became Current:	20110715	**City:**	HEWLETT
Date Ended Current:		**State:**	NY
Phone:	516-374-7975	**Country:**	US
Source Type:	Implementer	**Zip Code:**	11557
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	FYN PAINT & LACQUER CO INC.	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	US
Source Type:	Implementer	**Zip Code:**	99999
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	FYN PAINT & LACQUER CO INC.	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999

9	13 of 16	SSE	0.02 / 83.44	15.92 / 6	**FYN PAINT AND LACQUER CO., INC.** **230 KENT AVENUE** **BROOKLYN NY 10007-1866**	SEMS

Site ID:	0206513	**Cong District:**	08
EPA ID:	NYC200400950	**Region:**	02
FIPS Code:	36047	**County:**	KINGS
Federal Facility:	No	**Latitude:**	
NPL:	Not on the NPL	**Longitude:**	
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)		
Last Appeared on SEMS List:	11-JUN-2019		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Information

Operable Units:	00	***Start Actual:***	11/16/2011
Action Code:	PJ	***Finish Actual:***	01/13/2012
Action Name:	RP EM REM	***Qual:***	S
SEQ:	1	***Curr Action Lead:***	EPA Ovrsght
Operable Units:	00	***Start Actual:***	
Action Code:	RS	***Finish Actual:***	11/29/2011
Action Name:	RV ASSESS	***Qual:***	
SEQ:	1	***Curr Action Lead:***	EPA Perf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	14 of 16	SSE	0.02 / 83.44	15.92 / 6	**Fyn Paint and Lacquer Co., Inc.** **230 Kent Avenue** **Brooklyn NY 11249**	SHWS

Site Code:	456283	***Latitude:***	40.717261995
Site Code (GIS):	224154	***Longitude:***	-73.965381487
HW Code:	224154	***Latitude (GIS):***	40.717262000727
SWIS:	2401	***Longitude (GIS):***	-73.9653814865603
Site Class:	N	***X Coord (GIS):***	587384.48300
Site Class (GIS):	N	***Y Coord (GIS):***	4507885.93200
Program:	HW	***Method:***	4.2
Acres:	0.135	***Accuracy:***	Variable
Town:	New York City	***Record Added:***	2011-10-06 14:40:00
County:	Kings	***Record Update:***	2018-02-21 09:54:00
Region:	2	***Updated by:***	GWBURKE
Town (GIS):	New York City	***Region (GIS):***	2
County (GIS):	Kings		

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Assess DOH: As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on

the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

This site has been accepted into the Brownfield Cleanup Program - Site Code C224154. Location: The 0.135 acre site is located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, by River Street to the west, by North First Street to the south, and by Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: On site it is a two story wood frame building with a partial basement. The building was used for paint and lacquer manufacturing until 2010. The site has a RCRA Closure Work Plan which started to be performed in 2011 and continues in 2014. Current Zoning: The current zoning is M3-1, heavy manufacturing. The site is located approximately 500 ft from the East River. The surrounding neighborhood consisted of warehouses, other manufacturing facilities, and residential buildings. In the past ten years, the neighborhood has transformed into a predominantly residential area. Historical Use: The site was a paint and lacquer manufacturing facility from 1930 to 2010. The facility was a large hazardous waste generator with an assigned EPA number 001270867. In 1999 RGJ contractor closed in place 14 USTs used to store VOCs. RGJ reported soil contamination around the USTs. The owner of the site entered into a Voluntary Cleanup Agreement (VCA) with the Department in April 2001, after Con Edison, the owner of the adjacent property discovered Volatile Organic Compounds (VOCs) under their parking lot and sued Fyn Paint Co. The investigation at the site revealed soil and groundwater highly contaminated with VOCs. After multiple phase investigation in January 2007, an IRM/pump and treatment of the groundwater was installed and operated. The RAWP was approved in 2009, and an excavation of the contaminated soil around six of the USTs constituting the source of VOCs was completed in 2010. Additional remedial design for a dual phase extraction system (DPES) was approved. In June 2014, the DPES was operating at the site. In November 2011, RCRA Closure field work started under EPA supervision and it continued through 2014. Geology and Hydrogeology: The site is located in the Atlantic Coastal Plain. The geology of this province is comprised of interbedded of sand clay and marl. The shallow soil beneath the site consists of a layer of antropogenic fill material (0-12 feet and the rest to 75 feet of medium and course sand, gravel and silt layers. The groundwater is 7 to 15 feet below grade. The groundwater flow direction is west towards East River.

Assessment:

See also Site No. V00380. Nature and Extent of Contamination: a) contamination: based on the investigations performed at the site it was revealed that the soil, soil vapor and groundwater are contaminated with volatile organic compounds (VOCs). The main VOCs are acetone, ethylbenzene, toluene, and mixed xylenes. b) areal/depth extent: the VOC plume from 14 closed-in-place underground storage tanks (USTs), and from spills which occurred during the manufacture of paint and lacquer, extends across the foot print of the Fyn Paint building into the adjacent sidewalks and parking lot. c) concentrations: Groundwater monitoring conducted in 2006 revealed non-aqueous phase liquid (NAPL) and dissolved-phase contamination in three of the on-site and off-site monitoring wells. In March 2007, an Interim Remedial Measure (IRM) consisting of a groundwater pump and treatment system with an activated carbon filtration stage was installed and operated at the site. The Remedial Investigation (RI) was completed in January 2008. A Remedial Action Work Plan (RAWP) to address on-site and off-site contamination was approved by the Department in October 2009. In 2010, a pilot test for soil vapor extraction and dual phase extraction system was performed for additional remedial system design. In July 2011, the RCRA closure work plan was approved and RCRA closure activities continued through 2014. In May 2013 the supplemental remedial investigation work plan (SRIWP)was approved for off site (OU-2)contamination plume. In 2014, the Remedial Design for a dual phase extraction system (DPES) was approved and the system was installed in May- June 2014. As of November 2014, the SRIWP for OU-2 has not been implemented and the Volunteer stopped paying for the remedial action. As a result, the Voluntary Cleanup Agreement for this site has been terminated and the remedial action will be completed under the State Superfund Program. In March 2015, the site was accepted in the Brownfield Cleanup Program (BCP) with the index # C224154.

Owner Information

Seq No:	0000001	***Owner Street:***	107 Norman Ave. (at Leonard St.)
Sub Type:	NNN	***Owner Street 2:***	
Own Op:	19	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	11222
Owner Co.:	Brooklyn Public Library- Greenpoint Branch		
Seq No:	0000002	***Owner Street:***	81 Devoe St. (at Leonard St.)
Sub Type:	NNN	***Owner Street 2:***	
Own Op:	19	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	11211
Owner Co.:	Brooklyn Public Library- Leonard Branch		
Seq No:	0000003	***Owner Street:***	47-40 21st St., First Floor
Sub Type:	NNN	***Owner Street 2:***	
Own Op:	19	***Owner City:***	LIC
Owner Name:	Ioana Munteanu-Ramnic	***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	11101
Owner Co.:	NYSDEC, Region 2 Office		
Seq No:	0000005	***Owner Street:***	157 Midgely Dr.
Sub Type:	01	***Owner Street 2:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Own Op:	01	**Owner City:**	Hewlett
Owner Name:	Mrs. Feinstein	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	11557
Owner Co.:	Fyn Paint & Lacquer Co., Inc.		
Seq No:	0000004	**Owner Street:**	36 West 44th Street
Sub Type:	01	**Owner Street 2:**	
Own Op:	01	**Owner City:**	New York
Owner Name:	Irving Rosenfeld	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	10036
Owner Co.:	Kent River Corporation		

9	15 of 16	SSE	0.02 / 83.44	15.92 / 6	**FYN PAINT & LAQUER CO. INC.** **230 Kent Avenue** **Brooklyn NY 11211**	UST

Site ID:	340099	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-000151	**UTM X:**	587396.11665
Program Type Code:	CBS	**UTM Y:**	4507872.90939
Program Type Desc:	Chemical Bulk Storage		
Site Type:	Manufacturing (Other than Chemical)/Processing		

Tank Information

Prog No:	2-000151	**UDC Ind:**	1
Tank ID:	187865	**Red Tag Start Date:**	
Tank No:	001	**Red Tag End Date:**	
Tank Status:	4	**Tank Last Test:**	
Tank Status Desc:	Closed - In Place	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	1998-12-01 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	CBSInit
Tank Model:		**Last Modified:**	2005-03-21 18:03:06.230000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			
Tank Owner Address:			

Tank Information

Prog No:	2-000151	**UDC Ind:**	1
Tank ID:	187866	**Red Tag Start Date:**	
Tank No:	002	**Red Tag End Date:**	
Tank Status:	4	**Tank Last Test:**	
Tank Status Desc:	Closed - In Place	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	1998-12-01 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	CBSInit
Tank Model:		**Last Modified:**	2005-03-21 18:03:06.230000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No: 2-000151
Tank ID: 187868
Tank No: 005
Tank Status: 4
Tank Status Desc: Closed - In Place
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
Close Date: 1998-12-01 00:00:00
Capacity (Gal): 1000
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method:
Modified by: CBSInit
Last Modified: 2005-03-21 18:03:06.230000000
Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No: 2-000151
Tank ID: 187867
Tank No: 004
Tank Status: 4
Tank Status Desc: Closed - In Place
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
Close Date: 1998-12-01 00:00:00
Capacity (Gal): 1500
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method:
Modified by: CBSInit
Last Modified: 2005-03-21 18:03:06.230000000
Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No:	2-000151	***UDC Ind:***	1
Tank ID:	187870	***Red Tag Start Date:***	
Tank No:	007	***Red Tag End Date:***	
Tank Status:	4	***Tank Last Test:***	
Tank Status Desc:	Closed - In Place	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:	1998-12-01 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	1000	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	CBSInit
Tank Model:		***Last Modified:***	2005-03-21 18:03:06.230000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No:	2-000151	***UDC Ind:***	1
Tank ID:	187871	***Red Tag Start Date:***	
Tank No:	008	***Red Tag End Date:***	
Tank Status:	4	***Tank Last Test:***	
Tank Status Desc:	Closed - In Place	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:	1998-12-01 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	1000	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	CBSInit
Tank Model:		***Last Modified:***	2005-03-21 18:03:06.230000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No:	2-000151	***UDC Ind:***	1
Tank ID:	187869	***Red Tag Start Date:***	
Tank No:	006	***Red Tag End Date:***	
Tank Status:	4	***Tank Last Test:***	
Tank Status Desc:	Closed - In Place	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:	1998-12-01 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	1000	***Next Line Test Due:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	CBSInit
Tank Model:		**Last Modified:**	2005-03-21 18:03:06.230000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			
Tank Owner Address:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	16 of 16	SSE	0.02 / 83.44	15.92 / 6	Fyn Paint and Lacquer Co., Inc. 230 Kent Avenue Brooklyn NY 11249	VCP

Site Code:	56974	**Site Code (GIS):**	V00380
HW Code:	V00380	**Site Class (GIS):**	N
Site Class:	N	**Address1 (GIS):**	230 Kent Avenue
Site Address:	230 Kent Avenue	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11249	**ZIP Code (GIS):**	11249
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587384.49353
Acres:	0.135	**Y Coord (GIS):**	4507887.71161
Record Added:	2000-11-30 16:06:00	**Method:**	4.3
Record Update:	2018-02-27 16:06:00	**Accuracy:**	0 to 10 meters
Updated by:	JHOCONNE	**Accuracy Unit:**	
Latitude:	40.717278030	**Latitude (GIS):**	40.7172780289309
Longitude:	-73.965381110	**Longitude (GIS):**	-73.965381113722

Site Name: Fyn Paint and Lacquer Co., Inc.

Site Name (GIS): Fyn Paint and Lacquer Co., Inc.

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work

was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Program: VCP
Program Desc: VCP
Assess DOH: It is unlikely that people will drink contaminated groundwater since the area is provided with public water. It is also unlikely that area residents will come in contact with contaminated soil and subsurface material since the site and the surrounding area are covered with buildings and pavement. If the site is redeveloped, construction workers or future site occupants may come in contact with site related contamination in soil if it is not handled properly. The potential for nearby residents and building occupants to breathe site-related contaminants that may migrate into nearby buildings via soil vapor intrusion will be evaluated.
Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The 0.135 acre site is located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, by River Street to the west, by North First Street to the south, and by Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: On site it is a two story wood frame building with a partial basement. The building was used for paint and lacquer manufacturing. The site has a RCRA Closure Work Plan which began in 2011 (EPA # 001270867). Current Zoning: The current zoning is M3-1, heavy manufacturing. The site is located approximately 500 ft from the East River. The surrounding neighborhood consisted of warehouses, other manufacturing facilities, and residential buildings. In the last ten years, the neighborhood has transformed into a predominantly residential area. Historical Use: The site was a paint and lacquer manufacturing facility from 1930 to 2010. The facility was a large hazardous waste generator with an assigned EPA number 001270867. The owner of the site entered into a Voluntary Cleanup Agreement (VCA) with the Department in April 2001. Geology and Hydrogeology: The site is located in the Atlantic Coastal Plain. The geology of this province is comprised of interbedded of sand clay and marl. The shallow soil beneath the site consists of 75 feet of medium and course sand, gravel and silt layers. The groundwater is 7 to 15 feet below grade. The groundwater flow direction is west towards East River.

Assessment:

Nature and Extent of Contamination: a) contamination: based on the investigations performed at the site it was revealed that the soil, soil vapor and groundwater are contaminated with volatile organic compounds (VOCs). The main VOCs are acetone, ethylbenzene, toluene, and mixed xylenes. b) areal/depth extent: the VOC plume from 14 closed-in-place underground storage tanks (USTs), and from spills which occurred during the manufacture of paint and lacquer, extends across the foot print of the Fyn Paint building into the adjacent sidewalks and parking lot. c) concentrations: Groundwater monitoring conducted in 2006 revealed non-aqueous phase liquid (NAPL) and dissolved-phase contamination in three of the on-site and off-site monitoring wells. In March 2007, an Interim Remedial Measure (IRM) consisting of a groundwater pump and treatment system with an activated carbon filtration stage was installed and operated at the site. The Remedial Investigation (RI) was completed in January 2008. A Remedial Action Work Plan (RAWP) to address on-site and off-site contamination was approved by the Department in October 2009. In 2010, a pilot test for soil vapor extraction and dual phase extraction system was performed for additional remedial system design. In July 2011, the RCRA closure work plan was approved and RCRA closure activities continued through 2014. In May 2013 the supplemental remedial investigation work plan (SRIWP)was approved for off site (OU-2)contamination plume. In 2014, the Remedial Design for a dual phase extraction system (DPES) was approved and the system was installed. As of November 2014, the SRIWP for OU-2 has not been implemented and the Volunteer stopped paying for the remedial action. As a result, the Voluntary Cleanup Agreement for this site has been terminated. In March 2015, a new owner applied and the site was accepted into the Brownfield Cleanup Program under site no. C224154.

Owner Information

Seq No:	0000001	***Owner Street:***	107 Norman Ave. (at Leonard St.)
Sub Type:	C01	***Owner Street 2:***	
Own Op:	19	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY
Owner Co.:	Brooklyn Public Library - Greenpoint Branch	***Owner Zip:***	11222
Country:	United States of America		
Seq No:	0000003	***Owner Street:***	47-40 21st St., First Floor
Sub Type:	NNN	***Owner Street 2:***	
Own Op:	19	***Owner City:***	LIC
Owner Name:	Ioana Munteanu-Ramnic, P.E.	***Owner State:***	NY
Owner Co.:	NYSDEC	***Owner Zip:***	11101
Country:	United States of America		
Seq No:	0000001	***Owner Street:***	Cullen and Dykman, LLP
Sub Type:	E	***Owner Street 2:***	100 Quentin Roosevelt Ave.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Own Op:	01	**Owner City:**	Garden City
Owner Name:	Jeffrey Herz, Esq	**Owner State:**	NY
Owner Co.:	Kent River Corporation	**Owner Zip:**	11530
Country:	United States of America		
Seq No:	0000002	**Owner Street:**	81 Devoe St. (at Leonard)
Sub Type:	C01	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Co.:	Brooklyn Public Library - Leonard Branch	**Owner Zip:**	11211
Country:	United States of America		

Projects Information

Project Code:	04	**Operable Unit ID:**	4136
Project Desc:	Remedial Design	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2013-10-15 00:00:00	**Code Name:**	Remedial Design
End Status:	ACT		
Project Code:	02	**Operable Unit ID:**	4136
Project Desc:	Remedial Investigation	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2009-10-16 00:00:00	**Code Name:**	Remedial Investigation
End Status:	ACT		

10	*1 of 5*	*SE*	*0.02 / 87.44*	*16.47 / 7*	***M & K GAS & AUTO REPAIRS INC 50-02 METROPOLITAN AVE BROOKLYN NY 11237***	***FINDS/FRS***

Registry ID:	110004332222
FIPS Code:	36047
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-2000 00:00:00
Update Date:	29-DEC-2014 11:05:15
Interest Types:	UNSPECIFIED UNIVERSE
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	02
County Name:	KINGS
US/Mexico Border Ind:	
Latitude:	40.71751
Longitude:	-73.96473
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110004332222
Program Acronyms:	

RCRAINFO:NYD000824235

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	2 of 5	SE	0.02 / 87.44	16.47 / 7	46-11 METROPOLITAN AVE 46-11 METROPOLITAN AVE BROOKLYN NY	LST

Spill No:	9505833	**Spill Date:**	1995-07-28 12:00:00
Site ID:	303971	**Rcvd Date:**	1995-08-11 11:58:00
DER Facility ID:	245597	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	1996-12-12 00:00:00
SWIS Code:	2401	**Create Date:**	1995-09-12 00:00:00
Contribute Factor:	Tank Failure	**Update Date:**	1997-05-15 00:00:00
Water Body:		**DEC Region:**	2
Source:	Gasoline Station or other PBS Facility	**Lead DEC:**	TOMASELLO
Class:	C3	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	True		
Caller Remark:			

10-12 550 GAL TANKS ON SITE - SOIL SAMPLES INDICATE GASOLINE IN -SOIL BELIEVED TANKS HAVE LEAKED OVER THE YEARS - SITE IS BEING CLOSED

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	SAME	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717519310		
Longitude:	-73.964874110		

Material Information

OP Unit ID:	1016724	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	363820	**Med GW:**	False
Material Code:	0009	**Med SW:**	False
Material Name:	gasoline	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	-1.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	3 of 5	SE	0.02 / 87.44	16.47 / 7	WILLIAMS MASPETH TERMINAL INC. 46-75 METROPOLITAN AVE BROOKLYN NY 11237	MOSF

Site ID:	345027	**Expiration Date:**	
Site Status:	Inactive	**DEC Region:**	2
Program No:	2-1820	**County:**	Kings
Program Type Code:	MOSF	**UTM X:**	581604.01370
Program Type Desc:	Major Oil Storage Facility Program	**UTM Y:**	4498467.87738
Site Type:	Unknown		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	4 of 5	SE	0.02 / 87.44	16.47 / 7	M & K GAS & AUTO REPAIRS INC 50-02 METROPOLITAN AVE BROOKLYN NY 11237	RCRA NON GEN

EPA Handler ID: NYD000824235
Gen Status Universe: No Report
Contact Name:
Contact Address: 50-02 , METROPOLITAN AVE , , BROOKLYN , NY, 11237 , US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type:
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19800818
Handler Name: M & K GAS & AUTO REPAIRS INC
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19950324
Handler Name: M & K GAS & AUTO REPAIRS INC
Generator Status Universe: No Report
Source Type: Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: M & K GAS & AUTO REPAIRS INC
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: M & K GAS & AUTO REPAIRS INC
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: SUN OIL CO OF PENNSYLVANIA
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: SUN OIL CO OF PENNSYLVANIA
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: SUN OIL CO OF PENNSYLVANIA
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country:
Zip Code: 99999

10	5 of 5	SE	0.02 / 87.44	16.47 / 7	46-41 METROPOLITAN AVE. 46-41 METROPOLITAN AVE BROOKLYN NY	NY SPILLS

Spill No: 9211578
Site ID: 208276
DER Facility ID: 172808
CID:
Program Type: ER
SWIS Code: 2401
Contribute Factor: Human Error
Water Body:
Source: Commercial/Industrial
Class: C3
Meets Std: True
Penalty: False
Spill Date: 1993-01-07 20:45:00
Rcvd Date: 1993-01-07 21:48:00
CAC Date: 1993-01-07 00:00:00
Insp Date:
Close Date: 1993-01-07 00:00:00
Create Date: 1993-01-07 00:00:00
Update Date: 1994-03-23 00:00:00
DEC Region: 2
Lead DEC: TOMASELLO
Reported by: Responsible Party
Referred to:
County: Kings

REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

DRIVER TRIED TO SQUEEZE TOO MUCH INTO TANK WHEN HE PUT IN THE STICK. TANK OVERFLOWED. NOTIFIED BROOKLYN FD & NYC DEP. CLEANED WITH SPEEDI-DRI.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was C. TOMASELLO

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	MOBIL OIL	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	
Spiller City:		***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.717519310		
Longitude:	-73.964874110		

Material Information

OP Unit ID:	976015	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	570310	***Med GW:***	False
Material Code:	0001A	***Med SW:***	False
Material Name:	#2 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	5.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

11	***1 of 30***	***E***	***0.02 / 89.65***	***12.75 / 3***	***NORTH FIRST STREET FUEL OIL TERMINAL 214 KENT AVENUE BROOKLYN NY 11222***	***AST***

Site ID:	340040	***Expiry:***	
Site Status:	Unregulated/Closed	***County:***	Kings
Program No:	2-000330	***UTM X:***	588501.87239
Program Type Code:	CBS	***UTM Y:***	4509432.23349
Program Type Desc:	Chemical Bulk Storage		
Site Type:	Other		

Tank Information

Prog No:	2-000330	***UDC Ind:***	1
Tank ID:	192206	***Red Tag Start Date:***	
Tank No:	FF-4	***Red Tag End Date:***	
Tank Status:	4	***Tank Last Test:***	
Tank Status Desc:	Closed - In Place	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Line Last Test Due:***	
Install Date:	1964-01-01 00:00:00	***Next Line Test Due:***	
Close Date:	1999-12-01 00:00:00	***Line Test Method:***	
Capacity (Gal):	3000	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	CBSInit
Tank Model:		***Last Modified:***	2005-03-21 18:03:06.230000000
Pipe Model:			
Tank Location:	1		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Location Desc: Aboveground-contact w/ soil
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

11	2 of 30	E	0.02 / 89.65	12.75 / 3	NORTH FIRST STREET FUEL OIL TERMINAL 214 KENT AVENUE BROOKLYN NY 11222	DELISTED TANKS

Delisted Storage Tanks

Program No: 2-000330
Site ID: 340040
Site Status: Unregulated
Program Type: Chemical Bulk Storage
Program Type Code: CBS
Expiry: N/A
Site Type: Other

DEC Region: 2
County: Kings
UTM X: 588501.87239
UTM Y: 4509432.23349
Original Source: CBS
Record Date: 28-AUG-2013

11	3 of 30	E	0.02 / 89.65	12.75 / 3	41-81 METROPOLITAN AVE BROOKLYN NY	ERNS

NRC Report No: 152222
Type of Incident: FIXED
Incident Cause: OPERATOR ERROR
Incident Date: 1/7/1993 8:45:00 PM
Incident Location:
Incident Dtg: OCCURRED
Distance from City:
Distance Units:
Potential Flag:
Year: Year 1993 Reports
Direction from City:
Location County: KINGS(BROOKLYN)
Description of Incident: DRIVER FILLING TANK/PRODUCT CAME OUT OF STICK LINE.

Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:
Longitude Seconds:
Lat Quad:
Long Quad:
Location Section:
Location Township:
Location Range:

Material Spill Information

Chris Code: OTD
CAS No:
UN No:
Name of Material: OIL, FUEL: NO. 2-D
Amount of Material: 5

Unit of Measure: GALLON(S)
If Reached Water: YES
Amount in Water: 0
Unit Reach Water: NONE

Calls Information

Date Time Received: 1/7/1993 10:12:31 PM
Date Time Complete: 1/7/1993 10:18:37 PM
Call Type: INC
Resp Company: MOBIL OIL CORP
Resp Org Type: PRIVATE ENTERPRISE

Responsible City: BROOKLYN
Responsible State: NY
Responsible Zip: 11222
Source: UNAVAILABLE

Incident Information

Tank ID:
Tank Regulated: U
Tank Regulated By:

Building ID:
Location Area ID:
Location Block ID:

Capacity of Tank:		**OCSG No:**	
Capacity Tank Units:		**OCSP No:**	
Description of Tank:		**State Lease No:**	
Actual Amount:		**Pier Dock No:**	
Actual Amount Units:		**Berth Slip No:**	
Tank Above Ground:	ABOVE	**Brake Failure:**	N
NPDES:		**Airbag Deployed:**	
NPDES Compliance:	U	**Transport Contain:**	U
Init Contin Rel No:		**Location Subdiv:**	
Contin Rel Permit:		**Platform Rig Name:**	
Contin Release Type:		**Platform Letter:**	
Aircraft ID:		**Allision:**	N
Aircraft Runway No:		**Type of Structure:**	
Aircraft Spot No:		**Structure Name:**	
Aircraft Type:	UNKNOWN	**Structure Oper:**	Y
Aircraft Model:		**Transit Bus Flag:**	
Aircraft Fuel Cap:		**Date Time Norm Serv:**	
Aircraft Fuel Cap U:		**Serv Disrupt Time:**	
Aircraft Fuel on Brd:		**Serv Disrupt Units:**	
Aircraft Fuel OB U:		**CR Begin Date:**	
Aircraft Hanger:		**CR End Date:**	
Road Mile Marker:		**CR Change Date:**	
Power Gen Facility:	U	**FBI Contact:**	
Generating Capacity:		**FBI Contact Dt Tm:**	
Type of Fixed Obj:	UNKNOWN	**Passenger Handling:**	
Type of Fuel:		**Passenger Route:**	XXX
DOT Crossing No:		**Passenger Delay:**	XXX
DOT Regulated:	U	**Sub Part C Test Req:**	XXX
Pipeline Type:	UNKNOWN	**Conductor Test:**	
Pipeline Abv Ground:	ABOVE	**Engineer Test:**	
Pipeline Covered:	U	**Trainman Test:**	
Exposed Underwater:	U	**Yard Foreman Test:**	
Railroad Hotline:	No	**RCL Operator Test:**	
Railroad Milepost:	UNKNOWN	**Brakeman Test:**	
Grade Crossing:	N	**Train Dispat Test:**	
Crossing Device Ty:		**Signalman Test:**	
Ty Vehicle Involved:	UNKNOWN	**Oth Employee Test:**	
Device Operational:	Y	**Unknown Test:**	

Incident Details Information

Release Secured:		**State Agen Report No:**	
Release Rate:		**State Agen on Scene:**	
Release Rate Unit:		**State Agen Notified:**	
Release Rate Rate:		**Fed Agency Notified:**	
Est Duration of Rel:		**Oth Agency Notified:**	
Desc Remedial Act:	DEPLOYED SPEEDY DRY AND REMOVED MATERIAL.	**Body of Water:**	
Fire Involved:	N	**Tributary of:**	
Fire Extinguished:		**Near River Mile Make:**	
Any Evacuations:	N	**Near River Mile Mark:**	
No Evacuated:		**Offshore:**	
Who Evacuated:		**Weather Conditions:**	
Radius of Evacu:		**Air Temperature:**	
Any Injuries:	U	**Wind Direction:**	
No. Injured:		**Wind Speed:**	
No. Hospitalized:		**Wind Speed Unit:**	
No. Fatalities:		**Water Supp Contam:**	
Any Fatalities:	U	**Water Temperature:**	
Any Damages:	N	**Wave Condition:**	
Damage Amount:		**Current Speed:**	
Air Corridor Closed:		**Current Direction:**	
Air Corridor Desc:		**Current Speed Unit:**	
Air Closure Time:		**EMPL Fatality:**	
Waterway Closed:		**Pass Fatality:**	
Waterway Desc:		**Community Impact:**	
Waterway Close Time:		**Passengers Transfer:**	UNK
Road Closed:		**Passenger Injuries:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Road Desc:		**Employee Injuries:**	
Road Closure Time:		**Occupant Fatality:**	
Road Closure Units:		**Sheen Size:**	
Closure Direction:		**Sheen Size Units:**	
Major Artery:		**Sheen Size Length:**	
Track Closed:		**Sheen Size Length U:**	
Track Desc:		**Sheen Size Width:**	
Track Closure Time:		**Sheen Size Width U:**	
Track Closure Units:		**Sheen Color:**	
Track Close Dir:		**Dir of Sheen Travel:**	
Media Interest:		**Sheen Odor Desc:**	
Medium Desc:	LAND	**Duration Unit:**	
Addl Medium Info:	ASPHALT	**Additional Info:**	

11	4 of 30	E	0.02 / 89.65	12.75 / 3	214 KENT AVE AND NORTH 1ST STREET-CON ED,FACILITY NEW YORK NY	ERNS

NRC Report No:	273459	**Latitude Degrees:**	
Type of Incident:	FIXED	**Latitude Minutes:**	
Incident Cause:	EQUIPMENT FAILURE	**Latitude Seconds:**	
Incident Date:	12/16/1994 6:00:00 AM	**Longitude Degrees:**	
Incident Location:		**Longitude Minutes:**	
Incident Dtg:	DISCOVERED	**Longitude Seconds:**	
Distance from City:		**Lat Quad:**	
Distance Units:		**Long Quad:**	
Potential Flag:		**Location Section:**	
Year:	Year 1994 Reports	**Location Township:**	
Direction from City:		**Location Range:**	
Location County:	KINGS(BROOKLYN)		

Description of Incident: FUEL OIL SPILL AT NORTH 1ST STREET (BROOKLYN)MANWAY GASKET ON ABOVE GROUND STORAGE TANK NO. 200

Material Spill Information

Chris Code:	OSX	**Unit of Measure:**	GALLON(S)
CAS No:		**If Reached Water:**	YES
UN No:		**Amount in Water:**	200
Name of Material:	OIL, FUEL: NO. 6	**Unit Reach Water:**	GALLON(S)
Amount of Material:	200		

Calls Information

Date Time Received:	12/16/1994 9:36:00 AM	**Responsible City:**	NEW YORK
Date Time Complete:	12/16/1994 9:40:20 AM	**Responsible State:**	NY
Call Type:	INC	**Responsible Zip:**	10023
Resp Company:	CON EDISON	**Source:**	UNAVAILABLE
Resp Org Type:	PUBLIC UTILITY		

Incident Information

Tank ID:		**Building ID:**	
Tank Regulated:	U	**Location Area ID:**	
Tank Regulated By:		**Location Block ID:**	
Capacity of Tank:		**OCSG No:**	
Capacity Tank Units:		**OCSP No:**	
Description of Tank:		**State Lease No:**	
Actual Amount:		**Pier Dock No:**	
Actual Amount Units:		**Berth Slip No:**	
Tank Above Ground:	ABOVE	**Brake Failure:**	N
NPDES:		**Airbag Deployed:**	
NPDES Compliance:	U	**Transport Contain:**	U
Init Contin Rel No:		**Location Subdiv:**	
Contin Rel Permit:		**Platform Rig Name:**	

Contin Release Type:		**Platform Letter:**	
Aircraft ID:		**Allision:**	N
Aircraft Runway No:		**Type of Structure:**	
Aircraft Spot No:		**Structure Name:**	
Aircraft Type:	UNKNOWN	**Structure Oper:**	Y
Aircraft Model:		**Transit Bus Flag:**	
Aircraft Fuel Cap:		**Date Time Norm Serv:**	
Aircraft Fuel Cap U:		**Serv Disrupt Time:**	
Aircraft Fuel on Brd:		**Serv Disrupt Units:**	
Aircraft Fuel OB U:		**CR Begin Date:**	
Aircraft Hanger:		**CR End Date:**	
Road Mile Marker:		**CR Change Date:**	
Power Gen Facility:	U	**FBI Contact:**	
Generating Capacity:		**FBI Contact Dt Tm:**	
Type of Fixed Obj:	UNKNOWN	**Passenger Handling:**	
Type of Fuel:		**Passenger Route:**	XXX
DOT Crossing No:		**Passenger Delay:**	XXX
DOT Regulated:	U	**Sub Part C Test Req:**	XXX
Pipeline Type:	UNKNOWN	**Conductor Test:**	
Pipeline Abv Ground:	ABOVE	**Engineer Test:**	
Pipeline Covered:	U	**Trainman Test:**	
Exposed Underwater:	U	**Yard Foreman Test:**	
Railroad Hotline:	No	**RCL Operator Test:**	
Railroad Milepost:	UNKNOWN	**Brakeman Test:**	
Grade Crossing:	N	**Train Dispat Test:**	
Crossing Device Ty:		**Signalman Test:**	
Ty Vehicle Involved:	UNKNOWN	**Oth Employee Test:**	
Device Operational:	Y	**Unknown Test:**	

Incident Details Information

Release Secured:	U	**State Agen Report No:**	
Release Rate:		**State Agen on Scene:**	
Release Rate Unit:		**State Agen Notified:**	
Release Rate Rate:		**Fed Agency Notified:**	
Est Duration of Rel:		**Oth Agency Notified:**	
Desc Remedial Act:	TRANSFERRING PRODUCT FROM TANK / TANK WILL BE EMPTIED BY 0100, 17DEC94CONTRACTOR MILLER ENV. GROUP WILL PERFORM CLEANUP	**Body of Water:**	
Fire Involved:	N	**Tributary of:**	
Fire Extinguished:	U	**Near River Mile Make:**	
Any Evacuations:	N	**Near River Mile Mark:**	
No Evacuated:		**Offshore:**	N
Who Evacuated:		**Weather Conditions:**	
Radius of Evacu:		**Air Temperature:**	
Any Injuries:	U	**Wind Direction:**	
No. Injured:		**Wind Speed:**	
No. Hospitalized:		**Wind Speed Unit:**	
No. Fatalities:		**Water Supp Contam:**	U
Any Fatalities:	U	**Water Temperature:**	
Any Damages:	N	**Wave Condition:**	
Damage Amount:		**Current Speed:**	
Air Corridor Closed:	N	**Current Direction:**	
Air Corridor Desc:		**Current Speed Unit:**	
Air Closure Time:		**EMPL Fatality:**	
Waterway Closed:	N	**Pass Fatality:**	
Waterway Desc:		**Community Impact:**	N
Waterway Close Time:		**Passengers Transfer:**	UNK
Road Closed:	N	**Passenger Injuries:**	
Road Desc:		**Employee Injuries:**	
Road Closure Time:		**Occupant Fatality:**	
Road Closure Units:		**Sheen Size:**	
Closure Direction:		**Sheen Size Units:**	
Major Artery:	No	**Sheen Size Length:**	
Track Closed:	N	**Sheen Size Length U:**	
Track Desc:		**Sheen Size Width:**	
Track Closure Time:		**Sheen Size Width U:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Track Closure Units:		**Sheen Color:**	
Track Close Dir:		**Dir of Sheen Travel:**	
Media Interest:		**Sheen Odor Desc:**	
Medium Desc:	LAND	**Duration Unit:**	
Addl Medium Info:	ISOLATED MOAT - UNKNOWN DIST. TO EAST R.	**Additional Info:**	WILL NOTIFY: NYS DEC/NYC DEP AND LOCAL FIRE DEPT

11 | ***5 of 30*** | ***E*** | ***0.02 / 89.65*** | ***12.75 / 3*** | ***CON EDISON SERVICE BOX: 12588 214 KENT AVE BROOKLYN NY 11211*** | ***FINDS/FRS***

Registry ID:	110058877069
FIPS Code:	36047
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	30-APR-2014 18:47:18
Update Date:	08-JUL-2014 11:50:09
Interest Types:	UNSPECIFIED UNIVERSE
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	02
County Name:	KINGS
US/Mexico Border Ind:	
Latitude:	40.717579
Longitude:	-73.964654
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110058877069
Program Acronyms:	

RCRAINFO:NYP004313193

11 | ***6 of 30*** | ***E*** | ***0.02 / 89.65*** | ***12.75 / 3*** | ***CON ED-N 1ST ST FUEL OIL TERMINAL 214 KENT AVENUE BROOKLYN NY 11211-3909*** | ***FINDS/FRS***

Registry ID:	110000892008
FIPS Code:	36047
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-2000 00:00:00
Update Date:	05-FEB-2016 15:43:29
Interest Types:	AIR MINOR, CESQG, ICIS-NPDES NON-MAJOR, STATE MASTER
SIC Codes:	5171, 5983
SIC Code Descriptions:	FUEL OIL DEALERS, PETROLEUM BULK STATIONS AND TERMINALS
NAICS Codes:	454311
NAICS Code Descriptions:	HEATING OIL DEALERS.
Conveyor:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 02
County Name: KINGS
US/Mexico Border Ind:
Latitude: 40.717579
Longitude: -73.964654
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110000892008
Program Acronyms:

AIR:NY0000002610100187, AIRS/AFS:3604700005, FIS:2-6101-00187, NPDES:NY0200999, RCRAINFO:NYD084077411, RCRAINFO:NYD986931624

11	*7 of 30*	*E*	*0.02 / 89.65*	*12.75 / 3*	***CONSOLIDATED EDISON*** ***214 KENT AVE*** ***BROOKLYN NY 11211***	***GEN MANIFEST***

RCRA ID: NYD986931624
Mailing Street 1: 4 IRVING PLACE RM 828
District Name: CONSOLIDATED EDISON
Mailing Street 2:
Business Phone No: 2124602808
Mailing City: NEW YORK
Contact Name: FRANKLIN MURRAY
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

B007: (Wastes containing polychlorinated biphenyls (PCBs)) Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.
D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2011: 6 Kilograms

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1996: 32040 Pounds
1998: 200 Pounds
2000: 700 Pounds
2002: 5 Pounds
2014: 2100 Pounds

Waste Code(s):

D009: MERCURY (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2002: 10 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1994: 15 Gallons; 15 Gallons; 15 Gallons; 16 Gallons
1995: 13 Gallons; 15 Gallons; 14 Gallons; 15 Gallons; 15 Gallons; 13 Gallons; 15 Gallons; 15 Gallons; 15 Gallons; 15 Gallons; 9 Gallons; 15 Gallons
1996: 13 Gallons; 15 Gallons; 12 Gallons; 15 Gallons; 15 Gallons; 15 Gallons; 15 Gallons; 15 Gallons; 16 Gallons; 11 Gallons; 9 Gallons; 15 Gallons; 15 Gallons
1997: 16 Gallons; 15 Gallons; 17 Gallons; 15 Gallons; 17 Gallons; 12 Gallons; 15 Gallons; 15 Gallons; 15 Gallons; 15 Gallons
1998: 220 Gallons
2002: 44 Pounds; 1800 Pounds; 80 Pounds
2006: 10 Gallons
2011: 58 Pounds
2017: 15 Pounds

Waste Code(s):

B007: (Wastes containing polychlorinated biphenyls (PCBs)) Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

Waste Amounts By Year:

2001: 45 Kilograms
2002: 70 Kilograms
2017: 75 Kilograms; 75 Kilograms

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1998: 165 Gallons
1999: 110 Gallons; 55 Gallons
2002: 5 Pounds
2017: 10 Pounds

11	*8 of 30*	*E*	*0.02 / 89.65*	*12.75 / 3*	***CON EDISON*** ***214 KENT AVE SERV BOX 12588*** ***BROOKLYN NY 11249***	***GEN MANIFEST***

RCRA ID:	NYP004313193
Mailing Street 1:	4 IRVING PL 15TH FL
District Name:	CON EDISON
Mailing Street 2:	
Business Phone No:	2124603770
Mailing City:	NEW YORK
Contact Name:	CON EDISON
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS

Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2013: 100 Gallons

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11 | ***9 of 30*** | ***E*** | ***0.02 / 89.65*** | ***12.75 / 3*** | ***CON ED-N 1ST ST FUEL OIL TERMINAL 214 KENT AVE BROOKLYN NY 112113909*** | ***ICIS***

EPA Region:	02	***Federal Facility ID:***	
FRS Facility UIN:	110000892008	***Tribal Land Code:***	
Program Syst ID:	NY0000002610100187	***County:***	Kings
Prog Sys Acrnym:	AIR	***Latitude:***	40.717778
Permit Type:		***Longitude:***	-73.965917

--Details--

EA Identifier:	NY000A0000261010018700305	***Enf Act Forum Dsc:***	Administrative - Informal
EA Type Code:	NOV	***Fac NAICS Code:***	454311
EA Type Desc:	Notice of Violation	***Facility SIC Code:***	5983
EA Name:	CON ED-N 1ST ST FUEL OIL TERMINAL 360470000500305		
EA Identifier:	02-2003-A030	***Enf Act Forum Dsc:***	Administrative - Formal
EA Type Code:	113DWD	***Fac NAICS Code:***	454311
EA Type Desc:	CAA 113D Withdrawn	***Facility SIC Code:***	5983
EA Name:	CON ED-N 1ST ST FUEL OIL TERMINAL 360470000500313		

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11 | ***10 of 30*** | ***E*** | ***0.02 / 89.65*** | ***12.75 / 3*** | ***NORTH 1ST ST FUEL OIL TERMINAL 214 KENT AVE BROOKLYN NY 11222*** | ***ICIS***

EPA Region:	02	***Federal Facility ID:***	
FRS Facility UIN:	110000892008	***Tribal Land Code:***	
Program Syst ID:	NY0200999	***County:***	Kings
Prog Sys Acrnym:	NPDES	***Latitude:***	40.717778
Permit Type:	NPDES Individual Permit	***Longitude:***	-73.965917

--Details--

EA Identifier:		***Enf Act Forum Dsc:***	
EA Type Code:		***Fac NAICS Code:***	
EA Type Desc:		***Facility SIC Code:***	5171
EA Name:			

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11 | ***11 of 30*** | ***E*** | ***0.02 / 89.65*** | ***12.75 / 3*** | ***CON ED-N 1ST ST FUEL OIL TERMINAL 214 KENT AVE BROOKLYN NY 112113909*** | ***ICIS***

EPA Region:	02	***Federal Facility ID:***	
FRS Facility UIN:	110000892008	***Tribal Land Code:***	
Program Syst ID:	NY0000NY2610100187	***County:***	Kings
Prog Sys Acrnym:	AIR	***Latitude:***	40.717778

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Permit Type: **Longitude:** -73.965917

--Details--

EA Identifier:	02-2003-A030	**Enf Act Forum Dsc:**	Administrative - Formal
EA Type Code:	113DWD	**Fac NAICS Code:**	454311
EA Type Desc:	CAA 113D Withdrawn	**Facility SIC Code:**	5983
EA Name:	CON ED-N 1ST ST FUEL OIL TERMINAL 360470000500313		

EA Identifier:		**Enf Act Forum Dsc:**	
EA Type Code:		**Fac NAICS Code:**	454311
EA Type Desc:		**Facility SIC Code:**	5983
EA Name:			

EA Identifier:	NY000A0000360470000500305	**Enf Act Forum Dsc:**	Administrative - Informal
EA Type Code:	NOV	**Fac NAICS Code:**	454311
EA Type Desc:	Notice of Violation	**Facility SIC Code:**	5983
EA Name:	CON ED-N 1ST ST FUEL OIL TERMINAL 360470000500305		

11	12 of 30	E	0.02 / 89.65	12.75 / 3	**NORTH FIRST STREET FUEL OIL TERMINAL** **214 KENT AVENUE** **BROOKLYN NY 11222**	MOSF

Site ID:	344634	**Expiration Date:**	
Site Status:	Inactive	**DEC Region:**	2
Program No:	2-1480	**County:**	Kings
Program Type Code:	MOSF	**UTM X:**	587402.67458
Program Type Desc:	Major Oil Storage Facility Program	**UTM Y:**	4507903.65147
Site Type:	Storage Terminal/Petroleum Distributor		

11	13 of 30	E	0.02 / 89.65	12.75 / 3	**CON EDISON - NORTH 1ST STREET TERMINAL** **214 KENT AVE** **BROOKLYN NY 11222**	RCRA CESQG

EPA Handler ID:	NYD986931624
Gen Status Universe:	Conditionally Exempt Small Quantity Generator
Contact Name:	
Contact Address:	4 , IRVING PL ROOM 300 , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20070101

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date:	20050321
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Evaluation Start Date:	19920903
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920821
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19901128
Handler Name: CON EDISON - NORTH 1ST STREET TERMINAL
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19950322
Handler Name: CON EDISON - NORTH 1ST STREET TERMINAL
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: CON EDISON - NORTH 1ST STREET TERMINAL
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	3
Receive Date:	20070101
Handler Name:	CON EDISON - NORTH 1ST STREET TERMINAL
Generator Status Universe:	Conditionally Exempt Small Quantity Generator
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	CONSOLIDATED EDISON	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	WY
Phone:	212-555-1212	***Country:***	US
Source Type:	Implementer	***Zip Code:***	99999
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	CONSOLIDATED EDISON	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	WY
Phone:	212-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	CONSOLIDATED EDISON	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	WY
Phone:	212-555-1212	***Country:***	US
Source Type:	Implementer	***Zip Code:***	99999

11	***14 of 30***	***E***	***0.02 / 89.65***	***12.75 / 3***	***CON EDISON - NORTH FIREST TERMINAL 214 KENT AVE BROOKLYN NY 11211***	***RCRA CESQG***

EPA Handler ID:	NYD084077411
Gen Status Universe:	Conditionally Exempt Small Quantity Generator
Contact Name:	
Contact Address:	PO BOX 5008 , , HOUSTON , NY, 77012 , US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20070101

Violation/Evaluation Summary

Note:	NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date:	19990902
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	EPA

Evaluation Start Date: 19921214
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19801031
Handler Name: CON EDISON - NORTH FIREST TERMINAL
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19950405
Handler Name: CON EDISON - NORTH FIREST TERMINAL
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: CON EDISON - NORTH FIREST TERMINAL
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sequence No: 3
Receive Date: 20070101
Handler Name: CON EDISON - NORTH FIREST TERMINAL
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: NEPCO TERMINAL CORP
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country:
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: NEPCO TERMINAL CORP
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: NEPCO TERMINAL CORP
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

11	15 of 30	E	0.02 / 89.65	12.75 / 3	CON EDISON SERVICE BOX: 12588 214 KENT AVE BROOKLYN NY 11211	RCRA NON GEN

EPA Handler ID: NYP004313193
Gen Status Universe: No Report
Contact Name: ANTHONY SIGNORE
Contact Address:
Contact Phone No and Ext: 718-666-4714
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20130615

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No

Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20130515
Handler Name:	CON EDISON SERVICE BOX: 12588
Generator Status Universe:	No Report
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20130615
Handler Name:	CON EDISON SERVICE BOX: 12588
Generator Status Universe:	No Report
Source Type:	Implementer

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11 | ***16 of 30*** | ***E*** | ***0.02 / 89.65*** | ***12.75 / 3*** | ***CON ED FUEL DEPOT 214 KENT AVENUE BROOKLYN NY*** | ***NY SPILLS***

Spill No:	9604977	**Spill Date:**	1996-07-15 09:00:00
Site ID:	304350	**Rcvd Date:**	1996-07-17 10:26:00
DER Facility ID:	58320	**CAC Date:**	
CID:	257	**Insp Date:**	
Program Type:	ER	**Close Date:**	2003-07-10 00:00:00
SWIS Code:	2401	**Create Date:**	1996-07-17 00:00:00
Contribute Factor:	Unknown	**Update Date:**	2003-07-10 00:00:00
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	JHOCONNE
Class:	C3	**Reported by:**	Affected Persons
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

soil samples were taken and the above were in the sample caller beliaves it is coming from the paint factory next door

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Sees spill # 9910798.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	PAINT FACTORY	**Spiller Country:**	001
Spiller Address:	UNKNOWN	**Contact Name:**	LISA PRIMEGGIA
Spiller City:		**Contact Phone:**	(212) 580-6763
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Material Information

OP Unit ID:	1032542	**Med Air:**	False
OU:	01	**Med Ind Air:**	False

Material ID:	347736	**Med GW:**	False
Material Code:	0041B	**Med SW:**	False
Material Name:	toluol	**Med DW:**	False
CAS No:	00108883	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

OP Unit ID:	1032542	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	347734	**Med GW:**	False
Material Code:	0030A	**Med SW:**	False
Material Name:	lead	**Med DW:**	False
CAS No:	07439921	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

OP Unit ID:	1032542	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	347733	**Med GW:**	False
Material Code:	0017A	**Med SW:**	False
Material Name:	PCB oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

11	***17 of 30***	***E***	***0.02 / 89.65***	***12.75 / 3***	***NORTH FIRST SUB STATION 214 KENT AVE BROOKLYN NY***	***NY SPILLS***

Spill No:	0913214	**Spill Date:**	2010-03-17 07:48:00
Site ID:	426147	**Rcvd Date:**	2010-03-17 09:47:00
DER Facility ID:	375018	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2010-03-17 00:00:00
SWIS Code:	2401	**Create Date:**	2010-03-17 09:51:00
Contribute Factor:	Equipment Failure	**Update Date:**	2010-05-21 11:50:44.703000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	HRAHMED
Class:		**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

clean up pending/repairs underway

DEC Remark:

03/17/10-HRAHMED- Spoke to ConEd ERT Desk. As per the them, they were repairing a sink hole and found some oil in it. Clean up was done. This case is closed. 5/21/10 - Austin -Contained and cleaned up by Con Edison - see eDocs for further info - spill closed - end

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	CON ED	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	ERT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Spiller City:		**Contact Phone:**	(212) 580-8383
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717644000		
Longitude:	-73.964709000		

Material Information

OP Unit ID:	1181839	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2175968	**Med GW:**	False
Material Code:	0953A	**Med SW:**	False
Material Name:	feeder oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.01	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	True		

11	*18 of 30*	*E*	*0.02 / 89.65*	*12.75 / 3*	***NORTH 1ST ST FUEL DEPOT 214 KENT AVENUE BROOKLYN NY***	***NY SPILLS***

Spill No:	9812775	**Spill Date:**	1999-01-17 19:35:00
Site ID:	304352	**Rcvd Date:**	1999-01-17 21:19:00
DER Facility ID:	58320	**CAC Date:**	
CID:	382	**Insp Date:**	
Program Type:	ER	**Close Date:**	2009-09-22 00:00:00
SWIS Code:	2401	**Create Date:**	1999-01-17 00:00:00
Contribute Factor:	Equipment Failure	**Update Date:**	2009-10-15 13:09:13.570000000
Water Body:		**DEC Region:**	2
Source:	Commercial Vehicle	**Lead DEC:**	JMKRIMGO
Class:	C3	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

SPILL CAUSED BY A HOSE LEAK FROM A VACCUMM TRUCK.CON ED CLEAN UP CRERWS ARE ON SITE TO CLEAN UP. CON ED 122491.

DEC Remark:

09/22/09 - LZ The spill case is closed - see a report from ConEdison in eDocs. 09/18/09 - LZ The spill case reassigned to Leszek Zielinski. Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL

Spiller Information

Spiller Name:	CALLER	**Spiller Zip:**	10003
Spiller Company:	CON ED	**Spiller Country:**	001
Spiller Address:	4 IRVING PLACE	**Contact Name:**	RICHARD ROACH
Spiller City:	MANHATTAN	**Contact Phone:**	(212) 580-6764
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Spiller Name:	KEN YAEGER	**Spiller Zip:**	11101
Spiller Company:	TRANSCANADA POWER	**Spiller Country:**	001
Spiller Address:	38-54 VERNON BLVD	**Contact Name:**	RICHARD ROACH
Spiller City:	LONG ISLAND CITY	**Contact Phone:**	(212) 580-6764
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Material Information

OP Unit ID:	1073209	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	313057	***Med GW:***	False
Material Code:	0003A	***Med SW:***	False
Material Name:	#6 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	2.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

11	***19 of 30***	***E***	***0.02 / 89.65***	***12.75 / 3***	***IN FRONT OF 214 KENT AVENUE BROOKLYN NY***	***NY SPILLS***

Spill No:	9901816	***Spill Date:***	1999-05-17 10:30:00
Site ID:	304353	***Rcvd Date:***	1999-05-17 10:41:00
DER Facility ID:	58320	***CAC Date:***	
CID:	257	***Insp Date:***	
Program Type:	ER	***Close Date:***	2004-02-09 00:00:00
SWIS Code:	2401	***Create Date:***	1999-05-17 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2004-02-09 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial Vehicle	***Lead DEC:***	TJDEMEO
Class:	C2	***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

LOOKS LIKE A PASSING TRUCK LEAKED HYDRO OIL IN STREET

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 2/9/04 TJD Spill Originally assigned to Engelhardt. Due to the nature of event, 5yr old street spill, no further action is required. Spill closed.

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	UNKNOWN	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	MR SNAGGS
Spiller City:		***Contact Phone:***	(718) 384-4034
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Material Information

OP Unit ID:	1080576	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	305344	***Med GW:***	False
Material Code:	0010	***Med SW:***	False
Material Name:	hydraulic oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	20 of 30	E	0.02 / 89.65	12.75 / 3	NORTH 1ST ST TERMINAL 214 KENT AVENUE BROOKLYN NY	NY SPILLS

Spill No:	9007596	**Spill Date:**	1990-10-10 09:00:00
Site ID:	59588	**Rcvd Date:**	1990-10-10 13:00:00
DER Facility ID:	58320	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2012-09-06 00:00:00
SWIS Code:	2401	**Create Date:**	1990-10-30 00:00:00
Contribute Factor:	Equipment Failure	**Update Date:**	2012-09-06 10:02:08.147000000
Water Body:		**DEC Region:**	2
Source:	Major Facility (MOSF) > 400,000 gal	**Lead DEC:**	LXZIELIN
Class:	A3	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

TANK AREA A HOLDING COMPARTMENTS 100, 200 & 300, 132,000 BARRELS, 51,000 BARRELS & 132,000 BARRELS WERE DISCOVERED TO BE LEAKING 4 MONTHS AGO, OIL LEAKED INTO DIKED AREA.

DEC Remark:

09/06/12 - LZ Based on review of the June 2012 site investigation report (eDocs for MOSF 2-1480), this spill case has been closed. 09/22/09 - LZ In his e-mail,dated 09/22/09, Richard Lund of ConEdison writes: DEC 9007596 is an open Con Edison spill that is under the control of Corporate EH&S Remediation. This incident is known to Jake Krimgold and was sent to me as one of the Con Edison open spills to investigate as part of a NYSDEC-Con Edison open spill reconciliation project that he and I are working on. 09/18/09 - LZ The spill case reassigned to Leszek Zielinski. Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL 10/10/90: CON EDISON HAS INITIATED BIDS TO CLEAN UP OIL IN DIKE & INSPECT THE LEAKING TANK, APPROXIMATELY 6 INCHES OF PRODUCT REMAINS IN ALL THREE COMPARTMENTS. 11/15/94: REASSIGNED FROM SIGONA TO ENGELHARDT ON 11/15/94.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:		**Spiller Country:**	
Spiller Address:		**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:		**Contact Ext:**	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Material Information

OP Unit ID:	948243	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	570604	**Med GW:**	True
Material Code:	0003A	**Med SW:**	False
Material Name:	#6 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	15000.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	21 of 30	E	0.02 / 89.65	12.75 / 3	NORTH 1ST ST TERMINAL 214 KENT AVENUE BROOKLYN NY	NY SPILLS

Spill No:	9611792	**Spill Date:**	1996-12-30 02:30:00
Site ID:	304351	**Rcvd Date:**	1996-12-30 03:04:00
DER Facility ID:	58320	**CAC Date:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CID:	195	**Insp Date:**	
Program Type:	ER	**Close Date:**	2008-05-12 00:00:00
SWIS Code:	2401	**Create Date:**	1996-12-30 00:00:00
Contribute Factor:	Equipment Failure	**Update Date:**	2008-05-12 13:59:11.173000000
Water Body:		**DEC Region:**	2
Source:	Non Major Facility > 1,100 gal	**Lead DEC:**	JHOCONNE
Class:	C4	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

SEAL ON NUMBER 1 FUEL OIL PUMP FAILED - APPROX 10 GALS OF #6 FUEL OIL LEAKED ONTO CONCRETE - SPILL BEING CLEANED UP

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT 5/12/08: Spill submitted for closure by Con Ed with following information: All Pumps and boiler have been retired and have not been in service since 1999. No oil spillage was noted during a thorough cleanup of a melted rubber contaiment material around these pumps was completed in June 24, 2002 by Vendor Allstate PowerVac. There is no evidence of oil spillage during the recent Inspection on October 28, 2005. Close. (JHO)

Spiller Information

Spiller Name:		**Spiller Zip:**	10023
Spiller Company:	CON EDISON	**Spiller Country:**	001
Spiller Address:	128 WEST END AVENUE	**Contact Name:**	FRANK MISCONE
Spiller City:	NEW YORK	**Contact Phone:**	(718) 706-2753
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Material Information

OP Unit ID:	1039672	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	340445	**Med GW:**	False
Material Code:	0003A	**Med SW:**	False
Material Name:	#6 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	10.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	10.00	**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	22 of 30	E	0.02 / 89.65	12.75 / 3	KENT AVE YARD 214 KENT AVENUE BROOKLYN NY	NY SPILLS

Spill No:	0411925	**Spill Date:**	2005-02-08 10:45:00
Site ID:	337239	**Rcvd Date:**	2005-02-08 11:51:00
DER Facility ID:	58320	**CAC Date:**	
CID:	444	**Insp Date:**	
Program Type:	ER	**Close Date:**	2005-02-08 00:00:00
SWIS Code:	2401	**Create Date:**	2005-02-08 12:13:00
Contribute Factor:	Unknown	**Update Date:**	2005-02-10 10:57:12.123000000
Water Body:		**DEC Region:**	2
Source:	Unknown	**Lead DEC:**	JHOCONNE
Class:		**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

REMEDIATION PROJECT: NUMBER 7 FUEL LINE OIL REMOVAL: NO WATER INVOLVED AND NO TO 5 QUESTIONS: CONED # 157121

DEC Remark:

2/8/05, 3:43 PM - e-mail from Matthew Madsen, Con Ed project manager: Remember that 'spill' we talked about this morning at Kent and Metropolitan? Well, as it turns out, what they were looking at was foam glass insulation (the typical configuration for the pipeline inside to out is pipe, coal tar, expanded foam glass insulation, and then a canvass wrap as an outer layer). During pre-work test pitting and sampling, all of these layers have been sampled in the past. The foam glass and canvas are non-ACM and have not turned up any hazardous constituents (the pore space in the foam glass does contain hydrogen sulfides, so there is an odor when you cut or crush the stuff). Any way you slice it, there is no oil spill/release at this location. Close out. (JHO) ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ e2mis no. 157121: 08-FEB-2005 10:45 HRS. CONSTRUCTION MGMT.DEPT. CH.CONSTRUCTION INSPECTOR J.RUIZ EMP# 50415 REPORTS: WHILE ON LOCATION FOR REMOVAL OF A OIL PIPE LINE (KENT AVE PROJECT) FOUND APPROX. 50 GAL'S OF UNKNOWN OIL ON SOIL IN A TRENCH. NO WATER. OWNER OF SUBSTANCES IS UNKNOWN. MR. RUIZ MADE NOTIFICATION TO EH&S REMEDIATION MATHEW MADSEN, WHO WAS GOING TO CONTACT THE DEP. UPDATE 08-FEB-2005 11:50 HRS. MR.J.RUIZ REPORTS: THE NAME OF THE PROJECT IS THE #7 FUEL OIL LINE REMOVAL PROJECT AND IT IS UNDER THE CONTROL OF EH&S REMEDIATION. UPDATE 08-FEB-2005 13:55 HRS. ERT W.CAPUNE EMP# 85485 REPORTS: ARRIVED ON LOCATION 12:15 HRS. AFTER INVESTIGATION OF EXCAVATION FOUND SUBSTANCE TO BE FOAM GLASS. AS PER A CONVERSATION WITH EHS S.M.E. ANDREA SCHMITZ TO DISCUSS INCIDENT: THERE IS NO REASON TO BELIEVE THE FOAM CONTAINS ASBESTOS BUT WILL SAMPLE ANYWAY.

Spiller Information

Spiller Name:	ERT DESK	***Spiller Zip:***	
Spiller Company:	KENT AVE YARD	***Spiller Country:***	001
Spiller Address:	214 KENT AVE	***Contact Name:***	ERT DESK
Spiller City:	BROOKLYN	***Contact Phone:***	(212) 580-8383
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.717657000		
Longitude:	-73.964664000		

Material Information

OP Unit ID:	1099225	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	579538	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	50.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

11	***23 of 30***	***E***	***0.02 / 89.65***	***12.75 / 3***	***CON EDISON BUILDING 214 KENT AVENUE BROOKLYN NY***	***NY SPILLS***

Spill No:	9412429	***Spill Date:***	1994-12-16 06:00:00
Site ID:	59590	***Rcvd Date:***	1994-12-16 10:28:00
DER Facility ID:	58320	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2008-11-14 00:00:00
SWIS Code:	2401	***Create Date:***	1995-02-16 00:00:00
Contribute Factor:	Equipment Failure	***Update Date:***	2009-04-21 14:31:13.053000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	JMKRIMGO
Class:	C3	***Reported by:***	Federal Government
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

KENT OFF 1ST STREET -FO NOTIFIED, CONTAINED CLEAN UP, CONTRACTOR 25 PERCENT NOW CLEANING UP. REFER TO SPILL NO. 9412417

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	CON EDISON	***Spiller Country:***	001
Spiller Address:	214 KENT AVENUE	***Contact Name:***	
Spiller City:	BROOKLYN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Material Information

OP Unit ID:	1006069	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	374740	***Med GW:***	False
Material Code:	0003A	***Med SW:***	False
Material Name:	#6 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	200.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

11	***24 of 30***	***E***	***0.02 / 89.65***	***12.75 / 3***	***NORTH 1ST ST TERMINAL 214 KENT AVENUE BROOKLYN NY***	***NY SPILLS***

Spill No:	9910708	***Spill Date:***	1999-12-08 11:30:00
Site ID:	304354	***Rcvd Date:***	1999-12-08 13:46:00
DER Facility ID:	58320	***CAC Date:***	
CID:	257	***Insp Date:***	
Program Type:	ER	***Close Date:***	2004-11-12 00:00:00
SWIS Code:	2401	***Create Date:***	1999-12-08 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2004-11-12 15:11:41.530000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	JHOCONNE
Class:	C4	***Reported by:***	Responsible Party
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

LEAKED FROM A AIR COMPRESSOR - CLEANUP IS IN PROGRESS REF #129235

DEC Remark:

e2mis no. 129235: P. Tokarz #97651 08-DEC-1999 1315 hours - At 1300 hours Robert Epps notified P. tokarz of sheen found in excavation at North 1st Street. Mr. Manfre was called and reported that the excavation (est. 2'x2'x5') had a sheen on the rainwater. Mr. Manfre said the sheen was from a diesel Air Compreessor used to dig the hole. He stated that the rainwater washed the fuel from the air compressor to the excavation. The Air Compressor was removed and the excavation was emptied of the oily water by Vendor (LMS). 08-DEC-1999 phone message from Joe Manfre stating that cleanup completed at 13:55 hours

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	CON ED	***Spiller Country:***	001
Spiller Address:		***Contact Name:***	RICHARD ROACH

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Spiller City:		**Contact Phone:**	(212) 580-6763
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Material Information

OP Unit ID:	1085469	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	296187	**Med GW:**	False
Material Code:	0008	**Med SW:**	False
Material Name:	diesel	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

11	***25 of 30***	***E***	***0.02 / 89.65***	***12.75 / 3***	***NORTH FIRST STREET FUEL OIL TERMINAL 214 KENT AVENUE MOSF 2-1480 BROOKLYN NY 11222***	***NY SPILLS***

Spill No:	1112991	**Spill Date:**	2012-02-13 11:00:00
Site ID:	460960	**Rcvd Date:**	2012-02-13 11:05:00
DER Facility ID:	415438	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2012-03-01 00:00:00
SWIS Code:	2401	**Create Date:**	2012-02-14 08:58:00
Contribute Factor:	Other	**Update Date:**	2012-03-01 10:16:40.167000000
Water Body:		**DEC Region:**	2
Source:	Major Facility (MOSF) > 400,000 gal	**Lead DEC:**	LXZIELIN
Class:	C4	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:		**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:			
Caller Remark:			

During excavation at the eastern edge of the Complex B site, soil with visible sheen encountered at a pit.

DEC Remark:

03-01-12 - LZ This spill has been conslidated with spill 1112968.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:		**Spiller Country:**	
Spiller Address:		**Contact Name:**	SARAH PHELAN
Spiller City:		**Contact Phone:**	(718) 204-4262
Spiller State:		**Contact Ext:**	
Latitude:	40.717644000		
Longitude:	-73.964709000		

11	***26 of 30***	***E***	***0.02 / 89.65***	***12.75 / 3***	***NORTH 1ST ST TERMINAL 214 KENT AVENUE BROOKLYN NY***	***NY SPILLS***

Spill No:	9910798	**Spill Date:**	1999-12-10 11:40:00
Site ID:	304355	**Rcvd Date:**	1999-12-10 14:02:00
DER Facility ID:	58320	**CAC Date:**	
CID:	390	**Insp Date:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program Type:	ER	**Close Date:**	
SWIS Code:	2401	**Create Date:**	1999-12-10 00:00:00
Contribute Factor:	Unknown	**Update Date:**	2003-07-10 00:00:00
Water Body:		**DEC Region:**	2
Source:	Unknown	**Lead DEC:**	IXMUNTEA
Class:	C3	**Reported by:**	Local Agency
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	1	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

unk cause caused spill of some type of solvent - soil will be asessed as to how it will be cleaned up. - is unsure as of yet as to how it will be cleaned up. con ed #129261

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was MUNTEANU 12/10/99 During phase 2 environmental assessment test pit #2 soil sample indicated strong smell (xylene or solvent product). Test pit is in the parking lot next to a paint factory. A previous report (spill #9604977) was submitted on July 15, 1996 of samples taken within 30 ft of test pit 2. Samples of test pit #2 were taken for analysis by LMS Engineers. 7/10/03: spill related to Fyn Paint Inc. facility. This is a voluntary site managed by Ioana Munteanu (DER HWR). (JHO)

Spiller Information

Spiller Name:	RICHARD ROACH	**Spiller Zip:**	
Spiller Company:	CON EDISON	**Spiller Country:**	001
Spiller Address:	4 IRVING PLACE	**Contact Name:**	RICHARD ROACH
Spiller City:	NEW YORK	**Contact Phone:**	(212) 580-6763
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Material Information

OP Unit ID:	1089491	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	296278	**Med GW:**	False
Material Code:	0059A	**Med SW:**	False
Material Name:	solvents	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

11	*27 of 30*	*E*	*0.02 / 89.65*	*12.75 / 3*	***CON ED FUEL OIL FACILITY*** ***214 KENT AVENUE*** ***BROOKLYN NY***	***NY SPILLS***

Spill No:	9606882	**Spill Date:**	1996-08-29 08:25:00
Site ID:	97054	**Rcvd Date:**	1996-08-29 11:33:00
DER Facility ID:	58320	**CAC Date:**	
CID:	349	**Insp Date:**	
Program Type:	ER	**Close Date:**	2005-12-12 00:00:00
SWIS Code:	2401	**Create Date:**	1996-08-29 00:00:00
Contribute Factor:	Equipment Failure	**Update Date:**	2005-12-12 10:38:55.747000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	JHOCONNE
Class:	C4	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

loose flange on fitting - blacktop only - to be completely cleaned up by 14:00

DEC Remark:

Update 12/12/05 Original report stated that spill was caused by a loose flange on fitting; spill was onto blacktop only; cleanup was expected to be completed by 2:00 PM the same day. No evidence of spill was seen during inspection on 11/17/04. (SKA)

Spiller Information

Spiller Name:	TIM SOILCH	***Spiller Zip:***	10003
Spiller Company:	CON EDISON	***Spiller Country:***	001
Spiller Address:	4 IRVING PLACE	***Contact Name:***	
Spiller City:	MANHATTAN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Material Information

OP Unit ID:	1034692	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	346151	***Med GW:***	False
Material Code:	0003A	***Med SW:***	False
Material Name:	#6 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	3.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

11	***28 of 30***	***E***	***0.02 / 89.65***	***12.75 / 3***	***CON ED-N 1ST ST TERMINAL 214 KENT AVENUE BROOKLYN NY***	***NY SPILLS***

Spill No:	0103037	***Spill Date:***	2001-06-19 07:30:00
Site ID:	304349	***Rcvd Date:***	2001-06-19 11:13:00
DER Facility ID:	58320	***CAC Date:***	
CID:	389	***Insp Date:***	
Program Type:	ER	***Close Date:***	2001-06-20 00:00:00
SWIS Code:	2401	***Create Date:***	2001-06-19 00:00:00
Contribute Factor:	Abandoned Drums	***Update Date:***	2002-11-25 00:00:00
Water Body:		***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	KMFOLEY
Class:	C3	***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

CALLER REPORTING FINDING 10 (55 GAL) DRUMS ABANDON NEXT TO CON ED 2 OF THE DRUMS ARE MARKED MONTORING WELL 1,4,6 AND 2 DRUMS LABELED RIVER ST NON-HAZARDOUS WASTE AND THE REMAINING 6 ARE UNLABELED NO SPILLAGE

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY DEC INSPECTOR'S NOTES 6-19-01 Update from ERT Mike Kessler: FYN paint is moving drums inside their property. Spoke with Dan Buzea. He stated that drums are being moved inside by FYN Paint- Analysis is back, he will fax. Ioana & Shaminder have been working with him. 6-20-01 Checked to see if drums were removed, drums were not on street.

Spiller Information

Spiller Name:	UNKNOWN	***Spiller Zip:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Spiller Company:	Unknown	**Spiller Country:**	999
Spiller Address:	UNKNOWN	**Contact Name:**	
Spiller City:	UNKNOWN	**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Material Information

OP Unit ID:	841726	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	535135	**Med GW:**	False
Material Code:	0064A	**Med SW:**	False
Material Name:	unknown material	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	550.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	550.00	**Oxygenate:**	
Med Soil:	True		

11	29 of 30	E	0.02 / 89.65	12.75 / 3	NORTH 1ST ST TERMINAL 214 KENT AVENUE BROOKLYN NY	NY SPILLS

Spill No:	0011756	**Spill Date:**	2001-01-31 11:30:00
Site ID:	304348	**Rcvd Date:**	2001-01-31 13:26:00
DER Facility ID:	58320	**CAC Date:**	
CID:	382	**Insp Date:**	
Program Type:	ER	**Close Date:**	2001-08-20 00:00:00
SWIS Code:	2401	**Create Date:**	2001-01-31 00:00:00
Contribute Factor:	Abandoned Drums	**Update Date:**	2001-10-18 00:00:00
Water Body:		**DEC Region:**	2
Source:	Unknown	**Lead DEC:**	OKWUOHA
Class:	C4	**Reported by:**	Affected Persons
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

material found in a 5 gal container in a fire extinquishing solvent - can ruptured causing spill. clean up in progress. con ed 135-315

DEC Remark:

Spiller Information

Spiller Name:	SAME	**Spiller Zip:**	
Spiller Company:	CON ED	**Spiller Country:**	001
Spiller Address:	4 IRVING PLACE	**Contact Name:**	BILL MURPHY
Spiller City:	MANHATTAN	**Contact Phone:**	(212) 580-6763
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Material Information

OP Unit ID:	833126	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	542055	**Med GW:**	False
Material Code:	0028A	**Med SW:**	False
Material Name:	ethylene glycol	**Med DW:**	False
CAS No:	00107211	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Quantity:	2.00		**Med Subway:**	False
Units:	G		**Med Utility:**	False
Recovered:	.00		**Oxygenate:**	
Med Soil:	True			

---

11 | ***30 of 30*** | ***E*** | ***0.02 / 89.65*** | ***12.75 / 3*** | ***NORTH FIRST STREET***
214 KENT AVENUE
BROOKLYN NY | ***NY SPILLS***

Spill No:	9412417	**Spill Date:**	1994-12-16 06:00:00
Site ID:	59589	**Rcvd Date:**	1994-12-16 09:21:00
DER Facility ID:	58320	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2004-07-16 00:00:00
SWIS Code:	2401	**Create Date:**	1995-02-16 00:00:00
Contribute Factor:	Equipment Failure	**Update Date:**	2004-07-16 00:00:00
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	CAENGELH
Class:	C3	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

LEAK RATE < 1 QUART PER MINUTE, GASKET LEAKING ON TANK.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGLEHARDT Leak on tanks that were just refurbished. Have had product in the tanks for a week. Leak is contained in the steel moat. They are transferring oil out to relieve head pressure so that flange can be repaired. 7/16/04: Con Ed submitted copy of notification letter to NYCDEP, which contains following information: Miller Environmental Group performed clean up operations, which included vacumming up the spill, and then washing and wiping residual materials. Tanks have since been taken out of service. Close out. (JHO)

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	CON EDISON	**Spiller Country:**	001
Spiller Address:	4 IRVING PLACE	**Contact Name:**	
Spiller City:	NEW YORK	**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717661620		
Longitude:	-73.964670640		

Material Information

OP Unit ID:	1010067	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	374729	**Med GW:**	False
Material Code:	0003A	**Med SW:**	False
Material Name:	#6 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	200.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

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12 | ***1 of 2*** | ***S*** | ***0.02 / 123.51*** | ***14.10 / 5*** | ***240 KENT AVE/YORK DISPLAY***
240 KENT AVE
NEW YORK CITY NY | ***NY SPILLS***

Spill No:	8802124	**Spill Date:**	1988-06-07 12:00:00
Site ID:	140420	**Rcvd Date:**	1988-06-08 07:10:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DER Facility ID:	119924	**CAC Date:**	1988-06-09 00:00:00
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	1988-06-09 00:00:00
SWIS Code:	2401	**Create Date:**	1988-06-10 00:00:00
Contribute Factor:	Unknown	**Update Date:**	2004-09-30 21:28:29.950000000
Water Body:		**DEC Region:**	2
Source:	Unknown	**Lead DEC:**	KORMANIK
Class:		**Reported by:**	Affected Persons
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

SMALL GRANULAR PARTICLES IN AIR RUINING THE FINISH ON CARS, ON GOING FOR SEVERAL MONTHS.

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	UNKNOWN	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.716876000		
Longitude:	-73.965527000		

Material Information

OP Unit ID:	917473	**Med Air:**	True
OU:	01	**Med Ind Air:**	False
Material ID:	461249	**Med GW:**	False
Material Code:	0066A	**Med SW:**	False
Material Name:	unknown petroleum	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	-1.00	**Med Subway:**	False
Units:		**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
12	2 of 2	S	0.02 / 123.51	14.10 / 5	240 KENT AVE. 240 KENT AVE BROOKLYN NY 11211	UST

Site ID:	14940	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-321478	**UTM X:**	587409.42715
Program Type Code:	PBS	**UTM Y:**	4507820.46151
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Manufacturing (Other than Chemical)/Processing		

Tank Information

Prog No:	2-321478	**UDC Ind:**	1
Tank ID:	18437	**Red Tag Start Date:**	
Tank No:	001	**Red Tag End Date:**	
Tank Status:	4	**Tank Last Test:**	2005-03-04 00:00:00
Tank Status Desc:	Closed - In Place	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	21
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2005-04-01 00:00:00	**Line Last Test Due:**	

Capacity (Gal):	3000	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	EXROSSAN
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0002
Material Name: #4 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Affiliation Information

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: 240 KENT LLC
Contact Title:
Contact Name: JOSHUA GUTTMAN
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 999
Phone: (718) 858-9805
Phone Ext:
Email:
Fax:
Modified By: KXTANG
Last Modified: 2005-03-08 11:35:28.420000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: 240 KENT LLC
Contact Title: PRES.
Contact Name: JOSHUA GUTTMAN
Address1: 54 PEARL ST.
Address2:
City: BROOKLYN
State: NY
Zip Code: 11201
Country Code: 001
Phone: (718) 858-9805
Phone Ext:
Email:
Fax:
Modified By: KXTANG
Last Modified: 2005-03-08 11:35:28.437000000

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: 240 KENT AVE.
Contact Title:
Contact Name: NONE
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: NONE
Phone Ext:
Email:
Fax:
Modified By: KXTANG
Last Modified: 2005-03-08 11:35:28.403000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: A
Company: 240 KENT LLC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Title:	PRES.
Contact Name:	JOSHUA GUTTMAN
Address1:	54 PEARL ST.
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 858-9805
Phone Ext:	
Email:	
Fax:	
Modified By:	KXTANG
Last Modified:	2005-03-08 11:35:28.437000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	1 of 1	NNE	0.02 / 125.47	1.58 / -8	ProPark 184 Kent Ave - Tesla Destination 184 Kent Ave Brooklyn NY 11249	ALT FUELS

ID:	122470	**CNG Dispenser No:**	
Federal Agency ID:		**CNG Fill Type Code:**	
Federal Agency:		**CNG Site Renew Src:**	
Fed Agency Name:		**CNG PSI:**	
Status:	Open: The station is open.	**CNG Storage Cap:**	
Facility Type:		**CNG Tot Compr Cap:**	
Fuel Type Code:	ELEC: Electric	**CNG Vehicle Class:**	
Owner Type Desc:	Privately owned	**LPG Nozzle Types:**	
Expected Date:		**LNG Site Renew Src:**	
Dt Last Confirmed:	2019-05-09	**LNG Vehicle Class:**	
Open Date:	2019-03-01	**Hydrogen is Retail:**	
Updated at:	2019-05-09 14:33:40 UTC	**Hydrogen Pressures:**	
BD Blends:		**Hydrogen Standards:**	
NG PSI:		**Station Phone:**	718-559-5699 877-798-3752
NG Fill Type Code:		**Latitude:**	40.718763
NG Fill Type Desc:		**Longitude:**	-73.964599
NG Vehicle Class:			
NG Vehicle Class Desc:			
E85 Blender Pump:			
E85 Blender Pump Desc:			
E85 Other Ethanol Blends:			
EV Pricing:	Free		
EV Pricing French:			
LPG Primary:			
LPG Primary Desc:			
Intersection Directions:			
Geocode Status Desc:	Premise (building name, property name, shopping center, etc.) level accuracy.		
Hydrogen Status Link:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	1 of 1	ESE	0.03 / 158.78	15.95 / 7	CONSOLIDATED EDISON V1856-214 KENT AVE BROOKLYN NY	GEN MANIFEST

RCRA ID:	NYP004095071
Mailing Street 1:	4 IRVING PLACE RM 828
District Name:	CONSOLIDATED EDISON
Mailing Street 2:	
Business Phone No:	2124602808
Mailing City:	NEW YORK
Contact Name:	FRANKLIN MURRAY
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS

Mailing Country: USA

Manifest Information

Waste Code(s):

B002: (Wastes containing polychlorinated biphenyls (PCBs)) Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers, and cable.

Waste Amounts By Year:

2002: 1655 Kilograms

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15 ***1 of 17*** ***SSW*** ***0.03 / 161.94*** ***7.36 / -2*** ***KENT POWER PLANT***
47-79 RIVER STREET
BROOKLYN NY ***NY SPILLS***

Spill No:	1010517	***Spill Date:***	2011-01-10 17:00:00
Site ID:	444126	***Rcvd Date:***	2011-01-10 15:02:00
DER Facility ID:	399032	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2011-01-10 00:00:00
SWIS Code:	2401	***Create Date:***	2011-01-10 15:04:00
Contribute Factor:	Equipment Failure	***Update Date:***	2011-01-10 16:07:23.673000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	smsanges
Class:	D5	***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

.1 LBS RELEASED TO OUTDOOR AIR.

DEC Remark:

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	NYPA	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	JOSHUA RAMOS
Spiller City:		***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1194568	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	2190426	***Med GW:***	False
Material Code:	0243A	***Med SW:***	False
Material Name:	nitrogen dioxide	***Med DW:***	False
CAS No:	10544726	***Med Sewer:***	False
Material Family:	Hazardous Material	***Med Surf:***	False
Quantity:	.10	***Med Subway:***	False
Units:	L	***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

---

15 ***2 of 17*** ***SSW*** ***0.03 /*** ***7.36 /*** ***INDUSTRIAL POWER PLANT*** ***NY SPILLS***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			161.94	-2	47-79 RIVER STREET BROOKLYN NY	

Spill No:	1105514	**Spill Date:**	2011-08-11 18:00:00
Site ID:	453172	**Rcvd Date:**	2011-08-15 15:01:00
DER Facility ID:	399032	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2011-08-30 00:00:00
SWIS Code:	2401	**Create Date:**	2011-08-15 15:04:00
Contribute Factor:	Equipment Failure	**Update Date:**	2011-08-30 11:50:31.227000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	smsanges
Class:	C4	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

1503 THE CALLER ADVISED DISPATCH THE SPILL WAS DUE TO A BROKEN VALVE. CLEAN UP NOT NECESSARY.

DEC Remark:

copy of this report forwarded to DEC Air Unit

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	NY POWER AUTHORITY	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	JOSH RAMOS
Spiller City:		**Contact Phone:**	(718) 267-5681
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1203331	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2199973	**Med GW:**	False
Material Code:	0243A	**Med SW:**	False
Material Name:	nitrogen dioxide	**Med DW:**	False
CAS No:	10544726	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False
Quantity:	1.00	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	3 of 17	SSW	0.03 / 161.94	7.36 / -2	KENT POWER PLANT 47-79 RIVER ST BROOKLYN NY	NY SPILLS

Spill No:	1101831	**Spill Date:**	2011-05-18 17:00:00
Site ID:	449307	**Rcvd Date:**	2011-05-18 17:23:00
DER Facility ID:	399210	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2011-05-19 00:00:00
SWIS Code:	2401	**Create Date:**	2011-05-18 17:27:00
Contribute Factor:	Equipment Failure	**Update Date:**	2011-05-19 13:51:06.710000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	HRAHMED
Class:		**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings

REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

Spill within a generator and has secondary containment. Supervisor on scene now and starting cleanup. Spill is very similar to the spil on 05/03/2011 Spill # 1101209. Cleanup is in progress.

DEC Remark:

5/19/11-HRAHMED-Spoke to Angela at NYPA. Spill happened from a generator which leaked approx. 80 gal of lube oil. They took the generator out-of-service. Spill was contained in secondary containment. They pupmed out the oil within 2 hours. Spill has been cleaned. Received email from Angela. As per the email, Yesterday a spill occurred at one of New York Power Authority's Power Plants: Kent 47-79 River Street, Brooklyn NY 11211. The spill occurred around 5:15 PM. The spill occurred at the generator on site. The generator is fully contained within a Package. The package serves as a noise barrier and a containment unit to the generator. The cause of the spill was from a sensing line fitting, which broke. This sensing line fitting is located on the lube oil pump, which is at a 90 degree angle. The lube oil pump is connected to the generator housed in the package. Lube oil is used in the generator to cool bearings and to lube the rotor. A similar spill occurred on 5/3/2011 spill number # 1101209. We have replaced the hard fitting with a flexible fitting. This will ensure that the fitting will remain intact during operations. This case is closed.

Spiller Information

Spiller Name:	ANGELA SABBET	**Spiller Zip:**	
Spiller Company:	NY POWER AUTHORITY	**Spiller Country:**	999
Spiller Address:	47-79 RIVER ST	**Contact Name:**	ANGELA SABBET
Spiller City:	BROOKLYN	**Contact Phone:**	(718) 915-0573
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1199522	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2195899	**Med GW:**	False
Material Code:	0013	**Med SW:**	False
Material Name:	lube oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:		**Med Subway:**	False
Units:		**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

15	4 of 17	SSW	0.03 / 161.94	7.36 / -2	NYPA 47-79 RIVER ST BROOKLYN NY	NY SPILLS

Spill No:	1010703	**Spill Date:**	2011-01-14 12:00:00
Site ID:	444317	**Rcvd Date:**	2011-01-18 08:48:00
DER Facility ID:	399210	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2011-01-21 00:00:00
SWIS Code:	2401	**Create Date:**	2011-01-18 08:50:00
Contribute Factor:	Other	**Update Date:**	2011-01-21 14:59:45.277000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	smsanges
Class:	D5	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

Caller reporting a release

DEC Remark:

Spiller Information

Spiller Name:	JOSHUA RAMAS	***Spiller Zip:***	
Spiller Company:	NYPA	***Spiller Country:***	999
Spiller Address:	47-79 RIVER ST	***Contact Name:***	JOSHUA RAMAS
Spiller City:	BROOKLYN	***Contact Phone:***	(718) 267-5681
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1194762	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	2190628	***Med GW:***	False
Material Code:	0283A	***Med SW:***	False
Material Name:	carbon monoxide	***Med DW:***	False
CAS No:	00630080	***Med Sewer:***	False
Material Family:	Other	***Med Surf:***	False
Quantity:		***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

OP Unit ID:	1194762	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	2190627	***Med GW:***	False
Material Code:	0025A	***Med SW:***	False
Material Name:	ammonia	***Med DW:***	False
CAS No:	07664417	***Med Sewer:***	False
Material Family:	Hazardous Material	***Med Surf:***	False
Quantity:		***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

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15 | ***5 of 17*** | ***SSW*** | ***0.03 / 161.94*** | ***7.36 / -2*** | ***PLANT SITE 4749 RIVER ST BROOKLYN NY*** | ***NY SPILLS***

Spill No:	0204128	***Spill Date:***	2002-07-20 09:00:00
Site ID:	171841	***Rcvd Date:***	2002-07-20 10:55:00
DER Facility ID:	144620	***CAC Date:***	
CID:	390	***Insp Date:***	
Program Type:	ER	***Close Date:***	2002-08-22 00:00:00
SWIS Code:	2401	***Create Date:***	2002-07-20 00:00:00
Contribute Factor:	Other	***Update Date:***	2002-08-22 00:00:00
Water Body:		***DEC Region:***	2
Source:	Gasoline Station or other PBS Facility	***Lead DEC:***	JMKRIMGO
Class:	C3	***Reported by:***	Responsible Party
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

spilled material when valve was being drained and the pressure from the gas caused the oil to spray out - - 1 pt spilled

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD

Spiller Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Spiller Name:	JAY YOUNG	**Spiller Zip:**	
Spiller Company:	PLANT SITE	**Spiller Country:**	001
Spiller Address:	4749 RIVER ST	**Contact Name:**	JAY YOUNG
Spiller City:	BROOKLYN	**Contact Phone:**	(609) 617-3337
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.718353994		
Longitude:	-73.964756000		

Material Information

OP Unit ID:	855327	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	518386	**Med GW:**	False
Material Code:	0013	**Med SW:**	False
Material Name:	lube oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	1.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	1.00	**Oxygenate:**	
Med Soil:	True		

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15 | ***6 of 17*** | ***SSW*** | ***0.03 / 161.94*** | ***7.36 / -2*** | ***AIR 47-79 RIVER ST BROOKLYN NY*** | ***NY SPILLS***

Spill No:	1100075	**Spill Date:**	2011-04-03 21:00:00
Site ID:	447446	**Rcvd Date:**	2011-04-04 10:50:00
DER Facility ID:	399210	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2011-04-05 00:00:00
SWIS Code:	2401	**Create Date:**	2011-04-04 10:52:00
Contribute Factor:	Equipment Failure	**Update Date:**	2011-04-05 15:49:15.007000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	smsanges
Class:	C4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

Caller advised aprx 0.1 lbs of nitrogen dioxide was released due to equipment failure.

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	NY POWER AUTHORITY	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	JOSHUA RAMOS
Spiller City:		**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1197603	**Med Air:**	True
OU:	01	**Med Ind Air:**	False
Material ID:	2193906	**Med GW:**	False
Material Code:	0243A	**Med SW:**	False
Material Name:	nitrogen dioxide	**Med DW:**	False

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CAS No:	10544726	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False
Quantity:	.10	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

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15 | **7 of 17** | **SSW** | **0.03 / 161.94** | **7.36 / -2** | **KENT POWER PLANT**
47-79 RIVER ST AND NORTH 1
BROOKLYN NY | **NY SPILLS**

Spill No:	1302289	**Spill Date:**	2013-06-01 13:40:00
Site ID:	482715	**Rcvd Date:**	2013-06-03 12:16:00
DER Facility ID:	437949	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2013-06-05 00:00:00
SWIS Code:	2401	**Create Date:**	2013-06-03 12:20:00
Contribute Factor:	Equipment Failure	**Update Date:**	2013-06-05 14:16:16.993000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	SMSANGES
Class:		**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		

Caller Remark:

repairs have been made

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	KENT POWER PLANT	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	WALT SOTO
Spiller City:		**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1232450	**Med Air:**	True
OU:	01	**Med Ind Air:**	False
Material ID:	2231255	**Med GW:**	False
Material Code:	1969A	**Med SW:**	False
Material Name:	nitric oxide	**Med DW:**	False
CAS No:	10102439	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False
Quantity:	7.30	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

---

15 | **8 of 17** | **SSW** | **0.03 / 161.94** | **7.36 / -2** | **POWER PLANT SPILL**
47-79 RIVER STREET
SECONDARY CONTAINMENT
BROOKLYN NY 11211 | **NY SPILLS**

Spill No:	1101209	**Spill Date:**	2011-05-03 04:00:00
Site ID:	448656	**Rcvd Date:**	2011-05-03 09:27:00
DER Facility ID:	403259	**CAC Date:**	
CID:		**Insp Date:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program Type:	ER	**Close Date:**	2011-05-03 00:00:00
SWIS Code:	2401	**Create Date:**	2011-05-03 09:29:00
Contribute Factor:	Equipment Failure	**Update Date:**	2011-05-03 09:41:18.650000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	smsanges
Class:	C4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:		**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

Turbine fitting broke. Clean up is complete.

DEC Remark:

Hydraulic oil pipe 90' elbow failed due to vibration fatigue. Hydrualic oil spilled into the turbine package which is a curbed box which the entire turbine is lowered into. The spill was totally contained within this box and was cleaned. line was repaired.

Spiller Information

Spiller Name:	ANGELA	**Spiller Zip:**	11211
Spiller Company:	NY POWER AUTHORITY	**Spiller Country:**	999
Spiller Address:	47-79 RIVER STREET	**Contact Name:**	ANGELA
Spiller City:	BROOKLYN	**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1198886	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2195218	**Med GW:**	False
Material Code:	0013	**Med SW:**	False
Material Name:	lube oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	80.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	9 of 17	SSW	0.03 / 161.94	7.36 / -2	POWER PLANT 47-79 RIVER ST BROOKLYN NY	NY SPILLS

Spill No:	1011393	**Spill Date:**	2011-02-12 18:00:00
Site ID:	445254	**Rcvd Date:**	2011-02-14 15:09:00
DER Facility ID:	399210	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2011-02-17 00:00:00
SWIS Code:	2401	**Create Date:**	2011-02-14 15:13:00
Contribute Factor:	Equipment Failure	**Update Date:**	2011-02-17 11:27:16.710000000
Water Body:		**DEC Region:**	2
Source:	Major Facility (MOSF) > 400,000 gal	**Lead DEC:**	smsanges
Class:	D5	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

Release of Ammonia on 02/12/2011. Repairs made to fix further problems.

DEC Remark:

Spiller Information

Spiller Name:	JOSHUA ROMOUS	***Spiller Zip:***	
Spiller Company:	NY POWER AUTHORITY	***Spiller Country:***	999
Spiller Address:	47-79 RIVER ST	***Contact Name:***	JOSHUA ROMOUS
Spiller City:	BROOKLYN	***Contact Phone:***	(718) 267-5681
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1195475	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	2191652	***Med GW:***	False
Material Code:	0025A	***Med SW:***	False
Material Name:	ammonia	***Med DW:***	False
CAS No:	07664417	***Med Sewer:***	False
Material Family:	Hazardous Material	***Med Surf:***	False
Quantity:	.10	***Med Subway:***	False
Units:	L	***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

15	***10 of 17***	***SSW***	***0.03 / 161.94***	***7.36 / -2***	***AIR 47-79 RIVER STREET BROOKLYN NY***	***NY SPILLS***

Spill No:	1012436	***Spill Date:***	2011-03-14 15:34:00
Site ID:	446368	***Rcvd Date:***	2011-03-14 15:34:00
DER Facility ID:	399032	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2011-03-14 00:00:00
SWIS Code:	2401	***Create Date:***	2011-03-14 15:38:00
Contribute Factor:	Equipment Failure	***Update Date:***	2011-03-14 16:17:35.907000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	smsanges
Class:	D5	***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

#1 material released at 03/12/2011 @ 2200 #2 material released at 03/13/2011 @ 2000

DEC Remark:

copy of report forwarded to DEC Air Group (Sam Leiblich)

Spiller Information

Spiller Name:	JOSHUA	***Spiller Zip:***	
Spiller Company:	NY POWER	***Spiller Country:***	999
Spiller Address:	47-79 RIVER STREET	***Contact Name:***	JOSHUA
Spiller City:	BROOKLYN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1196722	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	2193043	***Med GW:***	False
Material Code:	2692A	***Med SW:***	False
Material Name:	nitrogen dioxide	***Med DW:***	False
CAS No:	10102440	***Med Sewer:***	False
Material Family:	Hazardous Material	***Med Surf:***	False
Quantity:	.10	***Med Subway:***	False
Units:	L	***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

OP Unit ID:	1196722	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	2193044	***Med GW:***	False
Material Code:	2692A	***Med SW:***	False
Material Name:	nitrogen dioxide	***Med DW:***	False
CAS No:	10102440	***Med Sewer:***	False
Material Family:	Hazardous Material	***Med Surf:***	False
Quantity:	.10	***Med Subway:***	False
Units:	L	***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

15	***11 of 17***	***SSW***	***0.03 / 161.94***	***7.36 / -2***	***KENT FACILITY 47-79 RIVER STREET BROOKLYN NY***	***NY SPILLS***

Spill No:	1100193	***Spill Date:***	2011-04-05 07:00:00
Site ID:	447575	***Rcvd Date:***	2011-04-06 16:47:00
DER Facility ID:	399032	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2011-04-08 00:00:00
SWIS Code:	2401	***Create Date:***	2011-04-06 16:49:00
Contribute Factor:	Equipment Failure	***Update Date:***	2011-04-08 15:06:54.567000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	smsanges
Class:	D5	***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

EXCEEDANCES OF CO AND NO2, APPROX 12-15 LBS OF EACH.

DEC Remark:

copy forwarded to DEC air group.

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	NYPA	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	JOSH RAMOS
Spiller City:		***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1197753	***Med Air:***	True

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

OU:	01	**Med Ind Air:**	False
Material ID:	2194055	**Med GW:**	False
Material Code:	0243A	**Med SW:**	False
Material Name:	nitrogen dioxide	**Med DW:**	False
CAS No:	10544726	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False
Quantity:	15.00	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

OP Unit ID:	1197753	**Med Air:**	True
OU:	01	**Med Ind Air:**	False
Material ID:	2194056	**Med GW:**	False
Material Code:	0283A	**Med SW:**	False
Material Name:	carbon monoxide	**Med DW:**	False
CAS No:	00630080	**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	15.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

15	12 of 17	SSW	0.03 / 161.94	7.36 / -2	POWER PLANT 47-79 RIVER STREET BROOKLYN NY	NY SPILLS

Spill No:	1012709	**Spill Date:**	2011-03-18 14:00:00
Site ID:	446910	**Rcvd Date:**	2011-03-21 13:51:00
DER Facility ID:	399032	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2011-03-21 00:00:00
SWIS Code:	2401	**Create Date:**	2011-03-21 13:54:00
Contribute Factor:	Equipment Failure	**Update Date:**	2011-03-21 15:15:11.993000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	smsanges
Class:	D5	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

1353 THE CALLER ADVISED DISPATCH THE SPILL WAS DUE TO A FAULTY LINE. AIR HAS BEEN IMPACTED. CLEAN UP NOT NECESSARY.

DEC Remark:

Notification forwarded to DEC Air Group - Sam Leiblich

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	NY POWER AUTHORITY	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	JOSH RAMOS
Spiller City:		**Contact Phone:**	(718) 267-5681
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1197046	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2193380	**Med GW:**	False
Material Code:	1279A	**Med SW:**	False

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Material Name:	N2 (nitrogen)	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	.10	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

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15 | ***13 of 17*** | ***SSW*** | ***0.03 / 161.94*** | ***7.36 / -2*** | ***KENT POWERPLANT FACILITY***
47-79 RIVER ST
BROOKLYN NY | ***NY SPILLS***

Spill No:	1302311	**Spill Date:**	2013-06-03 16:37:00
Site ID:	482738	**Rcvd Date:**	2013-06-03 19:48:00
DER Facility ID:	399210	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2013-06-05 00:00:00
SWIS Code:	2401	**Create Date:**	2013-06-03 19:51:00
Contribute Factor:	Equipment Failure	**Update Date:**	2013-06-07 16:00:31.750000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	HRAHMED
Class:	C4	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

Spill was contained inside the facility and has been cleaned.

DEC Remark:

Spiller Information

Spiller Name:	ROBERT PETERSON	**Spiller Zip:**	
Spiller Company:	NY POWER AUTHORITY	**Spiller Country:**	999
Spiller Address:	47-79 RIVER ST	**Contact Name:**	ROBERT PETERSON
Spiller City:	BROOKLYN	**Contact Phone:**	(732) 616-2645
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1232473	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2231281	**Med GW:**	False
Material Code:	0013	**Med SW:**	False
Material Name:	lube oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	10.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	10.00	**Oxygenate:**	
Med Soil:	False		

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15 | ***14 of 17*** | ***SSW*** | ***0.03 / 161.94*** | ***7.36 / -2*** | ***KENT FACILTY NY POWER AUTH***
47-79 RIVER ST
BROOKLYN NY | ***NY SPILLS***

Spill No:	1100425	**Spill Date:**	2011-04-09 10:00:00
Site ID:	447829	**Rcvd Date:**	2011-04-12 14:24:00
DER Facility ID:	399210	**CAC Date:**	
CID:		**Insp Date:**	

Program Type:	ER	**Close Date:**	2011-04-14 00:00:00
SWIS Code:	2401	**Create Date:**	2011-04-12 14:29:00
Contribute Factor:	Equipment Failure	**Update Date:**	2011-04-14 16:38:37.617000000
Water Body:		**DEC Region:**	2
Source:	Commercial Vehicle	**Lead DEC:**	smsanges
Class:	D5	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

intermintent problems with engine dates affected 04/09, 04/09 1900hr , 04/11 1900hr

DEC Remark:

Spiller Information

Spiller Name:	JOSHUA RAMOS	**Spiller Zip:**	
Spiller Company:	NY POWER AUTH	**Spiller Country:**	999
Spiller Address:	47-79 RIVER ST	**Contact Name:**	JOSHUA RAMOS
Spiller City:	BROOKLYN	**Contact Phone:**	(718) 267-5681
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1198065	**Med Air:**	True
OU:	01	**Med Ind Air:**	False
Material ID:	2194307	**Med GW:**	False
Material Code:	0283A	**Med SW:**	False
Material Name:	carbon monoxide	**Med DW:**	False
CAS No:	00630080	**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	.50	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

OP Unit ID:	1198065	**Med Air:**	True
OU:	01	**Med Ind Air:**	False
Material ID:	2194308	**Med GW:**	False
Material Code:	0025A	**Med SW:**	False
Material Name:	ammonia	**Med DW:**	False
CAS No:	07664417	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False
Quantity:	.50	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

OP Unit ID:	1198065	**Med Air:**	True
OU:	01	**Med Ind Air:**	False
Material ID:	2194309	**Med GW:**	False
Material Code:	2692A	**Med SW:**	False
Material Name:	nitrogen dioxide	**Med DW:**	False
CAS No:	10102440	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False
Quantity:		**Med Subway:**	False
Units:		**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	15 of 17	SSW	0.03 / 161.94	7.36 / -2	Nypa Kent Gas Turbine Generator 47-79 River Street Brooklyn NY 22112	TIER 2

Facility ID:
County: Kings County (Brooklyn)
State: New York
Zip: 22112
Latitude:
Longitude:

Mail Report

County Borough: Kings County (Brooklyn)
State: New York
EHS: See E-Plan!

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	16 of 17	SSW	0.03 / 161.94	7.36 / -2	New York State Power Authority - Ken Gas Turbine Generator 47-79 River St Brooklyn NY 11211	TIER 2

Facility ID:
County: Kings County (Brooklyn)
State: New York
Zip: 11211
Latitude:
Longitude:

Mail Report

County Borough: Kings County (Brooklyn)
State: New York
EHS: 7664-93-9 Sulfuric Acid; 68476-34-6 Diesel Fuel (No. 2);

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	17 of 17	SSW	0.03 / 161.94	7.36 / -2	New York Power Authority - Kent Gas Turbine Generator 47-79 River Street Brooklyn NY 11211	TIER 2

Facility ID:
County: Kings County (Brooklyn)
State: New York
Zip: 11211
Latitude:
Longitude:

Mail Report

County Borough: Kings County (Brooklyn)
State: New York
EHS: See E-Plan!

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	1 of 1	SE	0.03 / 162.23	18.10 / 9	KAY ROCK SCREEN PRINTING 210 kent ave / 2nd floor brooklyn NY	NY SPILLS

Spill No: 1001836
Site ID: 434921
DER Facility ID: 389795
CID:
Program Type: ER
SWIS Code: 2401
Contribute Factor: Deliberate
Water Body:
Source: Commercial/Industrial
Class: D5
Meets Std: False
Penalty:
REM Phase: 0
UST Trust: False
Caller Remark:

Spill Date: 2010-05-17 15:48:00
Rcvd Date: 2010-05-17 15:47:00
CAC Date:
Insp Date:
Close Date: 2010-05-18 00:00:00
Create Date: 2010-05-17 15:53:00
Update Date: 2010-05-18 14:30:35.027000000
DEC Region: 2
Lead DEC: smsanges
Reported by: Citizen
Referred to:
County: Kings
After Hours: False

Caller states that the screen printing company is dumping the chemicals down the sink drain. A DLE Complaint will also be drawn.

DEC Remark:

Complaint forwarded to DEP Industrial Waste (sewers) unit. Alex Castro of DEP visited the site.

Spiller Information

Spiller Name:	UNKNOWN NAME	***Spiller Zip:***	
Spiller Company:	KAY ROCK SCREEN PRINTING	***Spiller Country:***	999
Spiller Address:	210 KENT AVE / 2ND FLOOR	***Contact Name:***	UNKNOWN NAME
Spiller City:	BROOKLYN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1185716	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	2180467	***Med GW:***	False
Material Code:	9999	***Med SW:***	False
Material Name:	other - sodium emulsions	***Med DW:***	False
CAS No:		***Med Sewer:***	True
Material Family:	Other	***Med Surf:***	False
Quantity:		***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

17	***1 of 6***	***SSE***	***0.03 / 163.20***	***19.38 / 10***	***CON EDISON N 1ST ST & KENT AVE SB 16134 BROOKLYN NY 11249***	***GEN MANIFEST***

RCRA ID:	NYP004735254
Mailing Street 1:	4 IRVING PLACE - 15TH FLOOR
District Name:	CON EDISON
Mailing Street 2:	
Business Phone No:	
Mailing City:	NEW YORK
Contact Name:	TOM TEELING
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2015: 500 Pounds

17	***2 of 6***	***SSE***	***0.03 / 163.20***	***19.38 / 10***	***N 1ST ST & KENT AV/CON ED NORTH 1ST ST & KENT AVE***	***LST***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					NEW YORK CITY NY	

Spill No:	9009234	**Spill Date:**	1990-11-24 07:15:00
Site ID:	230666	**Rcvd Date:**	1990-11-24 09:24:00
DER Facility ID:	190093	**CAC Date:**	1990-11-24 00:00:00
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	1990-11-24 00:00:00
SWIS Code:	2401	**Create Date:**	1990-11-28 00:00:00
Contribute Factor:	Tank Overfill	**Update Date:**	1991-04-18 00:00:00
Water Body:		**DEC Region:**	2
Source:	Major Facility (MOSF) > 400,000 gal	**Lead DEC:**	SIGONA
Class:		**Reported by:**	Responsible Party
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

TANK OVERFILLED, AAA ON SCENE,NYCFD ON SCENE, TANK FARM B, TANK 600 TRANSFERRING TO 10K UST BOILER FEED TANK, ALARM WENT OFF BUT VALVE WASNOT CLOSED TO TANK CAUSING OVERFILL OF ~400 GALLONS.

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	CON ED	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717023000		
Longitude:	-73.965262000		

Material Information

OP Unit ID:	946430	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	432998	**Med GW:**	False
Material Code:	0003A	**Med SW:**	False
Material Name:	#6 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	400.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

17	3 of 6	SSE	0.03 / 163.20	19.38 / 10	NORTH 1ST ST TERMINAL N FIRST ST & KENT AV BROOKLYN NY	NY SPILLS

Spill No:	9509439	**Spill Date:**	1995-10-30 17:05:00
Site ID:	104301	**Rcvd Date:**	1995-10-30 18:18:00
DER Facility ID:	92177	**CAC Date:**	
CID:	349	**Insp Date:**	
Program Type:	ER	**Close Date:**	2008-05-12 00:00:00
SWIS Code:	2401	**Create Date:**	1995-10-30 00:00:00
Contribute Factor:	Equipment Failure	**Update Date:**	2008-05-12 08:40:38.563000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	JHOCONNE
Class:	C4	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	True	**County:**	Kings
REM Phase:	0	**After Hours:**	True

UST Trust: False
Caller Remark:

MOAT HAS ALL PRODUCT CONTAINED - BEGINING RECOVERY AT THIS TIME

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL 7/27/04: Con Ed submitted copy of NOTIFICATION FOR FUEL OIL SPILLS (NOT INVOLVING A PIPELINE):, which states: LEAK DEVELOPED APPROX 12 FROM BOTTOM OF FUEL OIL TANK #500. IN MOAT; MAGNETIC PATCH SUPPLIED BY FIRE DEPT WAS APPLIED & LEAK RATE REDUCED. BARGE ARRANGED TO UNLOAD TANK. VENDOR (MILLER ENV. GROUP) MOBILIZED. TANK CONTAINS 3.6 MILLION GALLONS OF #6 HIGH-POUR OIL. Also submitted copy of internal Con Ed memo, which states: STATUS OF THE INCIDENT: Contained and cleaned. No information given on repairs. 5/12/08: Spill submitted for closure by Con Ed with following information: According to records reviewed Tank #500 along with the other 5 Fuel Oil Storage Tanks were drained and cleaned certified Gas Free and placed Out of Service as of July 22, 1999. Monthly inspections of the exterior tanks have not revealed any oil spillage up to and including the inspection on October 28, 2005. Close. (JHO)

Spiller Information

Spiller Name:	RICHARD ROACH	***Spiller Zip:***	10003
Spiller Company:	CON EDISON	***Spiller Country:***	001
Spiller Address:	4 IRVING PLACE	***Contact Name:***	MR DEVOTI
Spiller City:	MANHATTAN	***Contact Phone:***	(212) 580-6763
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.717023000		
Longitude:	-73.965262000		

Material Information

OP Unit ID:	1023643	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	360400	***Med GW:***	False
Material Code:	0003A	***Med SW:***	False
Material Name:	#6 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	50.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

---

17 ***4 of 6*** ***SSE*** ***0.03 / 163.20*** ***19.38 / 10*** ***NORTH 1ST/KENT AVE.***
NORTH 1ST ST & KENT AVE
NEW YORK CITY NY ***NY SPILLS***

Spill No:	9007240	***Spill Date:***	1990-10-02 10:00:00
Site ID:	230665	***Rcvd Date:***	1990-10-02 11:03:00
DER Facility ID:	190093	***CAC Date:***	1995-06-07 00:00:00
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	1995-06-07 00:00:00
SWIS Code:	2401	***Create Date:***	1990-10-10 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2003-04-09 00:00:00
Water Body:	EAST RIVER	***DEC Region:***	2
Source:	Vessel	***Lead DEC:***	JHOCONNE
Class:	B2	***Reported by:***	Affected Persons
Meets Std:	True	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

BARGE OFFLOADING, FUEL LEAKED FROM HOSE & WENT INTO RIVER.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	BOUCHARD BARGE #115	***Spiller Country:***	001
Spiller Address:		***Contact Name:***	
Spiller City:		***Contact Phone:***	
Spiller State:	ZZ	***Contact Ext:***	
Latitude:	40.717023000		
Longitude:	-73.965262000		

Material Information

OP Unit ID:	947761	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	434660	***Med GW:***	False
Material Code:	0003A	***Med SW:***	True
Material Name:	#6 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	15.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

---

17 ***5 of 6*** ***SSE*** ***0.03 / 163.20*** ***19.38 / 10*** ***NORTH 1ST ST TERMINAL***
NORTH 1ST ST & KENT AVE
NEW YORK CITY NY ***NY SPILLS***

Spill No:	9004154	***Spill Date:***	1990-07-15 11:15:00
Site ID:	230664	***Rcvd Date:***	1990-07-15 12:48:00
DER Facility ID:	190093	***CAC Date:***	1990-07-15 00:00:00
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	1990-07-15 00:00:00
SWIS Code:	2401	***Create Date:***	1990-07-24 00:00:00
Contribute Factor:	Human Error	***Update Date:***	2004-09-30 21:28:29.950000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	TOMASELLO
Class:		***Reported by:***	Responsible Party
Meets Std:	True	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

FILLING TANK, MISGAUGED & CAUSED OVERFILL, AAA TO CLEAN UP, CONTAINED WITH ABSORBENTS.

DEC Remark:

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	CON ED	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	
Spiller City:		***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.717023000		
Longitude:	-73.965262000		

Material Information

OP Unit ID:	941956	***Med Air:***	False
OU:	01	***Med Ind Air:***	False

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Material ID:	435257	**Med GW:**	False
Material Code:	0003A	**Med SW:**	False
Material Name:	#6 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	420.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

17	6 of 6	SSE	0.03 / 163.20	19.38 / 10	NORTH 1ST AND KENT AVE NORTH 1ST & KENT AVE BROOKLYN NY	NY SPILLS

Spill No:	9509444	**Spill Date:**	1995-10-30 20:17:00
Site ID:	220748	**Rcvd Date:**	1995-10-30 20:20:00
DER Facility ID:	182584	**CAC Date:**	
CID:	270	**Insp Date:**	
Program Type:	ER	**Close Date:**	2006-06-15 00:00:00
SWIS Code:	2401	**Create Date:**	1995-10-30 00:00:00
Contribute Factor:	Traffic Accident	**Update Date:**	2006-06-15 13:49:55.217000000
Water Body:		**DEC Region:**	2
Source:	Tank Truck	**Lead DEC:**	JHOCONNE
Class:	C3	**Reported by:**	Police Department
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

HOLE IN TANK TRUCK THE SIZE OF A QUARTER FROM ACCIDENT

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	CON EDISON	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	SAME
Spiller City:		**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.723878580		
Longitude:	-73.957789510		

Material Information

OP Unit ID:	1023645	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	569800	**Med GW:**	False
Material Code:	0066A	**Med SW:**	False
Material Name:	unknown petroleum	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	50.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

18	1 of 3	SSE	0.03 / 171.64	19.38 / 10	CON EDISON N 1ST ST & KENT AVE BROOKLYN NY 11249	RCRA NON GEN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA Handler ID: NYP004735254
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20150222

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150222
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150222
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

18	2 of 3	SSE	0.03 / 171.64	19.38 / 10	NORTH 1ST STREET AND NORTH 1ST ST $ RIVER BROOKLYN NY	NY SPILLS

Spill No: 0102881
Site ID: 281224
DER Facility ID: 228330
CID: 282
Program Type: ER
SWIS Code: 2401
Contribute Factor: Other
Water Body: EAST RIVER

Spill Date: 2001-06-14 09:30:00
Rcvd Date: 2001-06-14 21:53:00
CAC Date:
Insp Date:
Close Date: 2001-06-15 00:00:00
Create Date: 2001-06-14 00:00:00
Update Date: 2002-11-25 00:00:00
DEC Region: 2

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source:	Commercial/Industrial	**Lead DEC:**	JHOCONNE
Class:	C4	**Reported by:**	Citizen
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

KEYSPAN WAS DOING WORK ON A GAS MAIN AND HE STATES THEY SPILLED AN OILY SUBSTANCE INTO THE RIVER.HE STATES KEYSPAN WAITED FOR THE COAST GUARD TO LEAVE AND THEN THEY DUMPED THE MATERIAL INTO THE RIVER

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL inspection of area revealed no evidence of any discharge

Spiller Information

Spiller Name:		**Spiller Zip:**	-
Spiller Company:	KEYSPAN ENERGY	**Spiller Country:**	001
Spiller Address:		**Contact Name:**	N/A
Spiller City:		**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717632000		
Longitude:	-73.966782000		

Material Information

OP Unit ID:	841586	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	534984	**Med GW:**	False
Material Code:	9999	**Med SW:**	True
Material Name:	other -	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

18	*3 of 3*	*SSE*	*0.03 / 171.64*	*19.38 / 10*	***KENT FACILITY*** ***4779 river st north first brooklyn NY***	***NY SPILLS***

Spill No:	1105367	**Spill Date:**	2011-08-09 17:00:00
Site ID:	453020	**Rcvd Date:**	2011-08-11 08:48:00
DER Facility ID:	407656	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2011-08-11 00:00:00
SWIS Code:	2401	**Create Date:**	2011-08-11 08:51:00
Contribute Factor:	Equipment Failure	**Update Date:**	2011-08-11 09:50:21.520000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	smsanges
Class:	C4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:		**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

repairs done -

DEC Remark:

forwarded on to DEC Air Unit

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Spiller Information

Spiller Name:	WALTER SOTO	***Spiller Zip:***	
Spiller Company:	NY POWER AUTHORITY	***Spiller Country:***	999
Spiller Address:	4779 RIVER ST NORTH FIRST	***Contact Name:***	WALTER SOTO
Spiller City:	BROOKLYN	***Contact Phone:***	(718) 626-8258
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1203179	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	2199798	***Med GW:***	False
Material Code:	9999	***Med SW:***	False
Material Name:	other - nitrogen oxide	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Other	***Med Surf:***	False
Quantity:	.20	***Med Subway:***	False
Units:	L	***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	*1 of 1*	*ESE*	*0.03 / 174.47*	*17.12 / 8*	***CONSOLIDATED EDISON KENT AVE & METROPOLITAN BR BROOKLYN NY 11201***	***GEN MANIFEST***

RCRA ID:	NYP004048344
Mailing Street 1:	4 IRVING PLACE RM 828
District Name:	CONSOLIDATED EDISON
Mailing Street 2:	
Business Phone No:	2124602808
Mailing City:	NEW YORK
Contact Name:	FRANKLIN MURRAY
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

B001: (Wastes containing polychlorinated biphenyls (PCBs)) PCB oil (concentrated) from transformers, capacitors, etc.

Waste Amounts By Year:

2000: 231 Kilograms

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
20	*1 of 1*	*SSW*	*0.04 / 229.28*	*7.84 / -2*	***Spill Number 9900648 RIVER & GRAND ST BROOKLYN NY***	***NY SPILLS***

Spill No:	9900648	***Spill Date:***	1999-04-16 16:45:00
Site ID:	175346	***Rcvd Date:***	1999-04-16 17:10:00
DER Facility ID:	147413	***CAC Date:***	
CID:	365	***Insp Date:***	
Program Type:	ER	***Close Date:***	1999-04-19 00:00:00
SWIS Code:	2401	***Create Date:***	1999-04-16 00:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contribute Factor:	Unknown	**Update Date:**	2002-05-13 00:00:00
Water Body:	EAST RIVER	**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	MCTIBBE
Class:	C2	**Reported by:**	Police Department
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

someone is pressure washing the building & everything running off is going into the rock drain & park drain - ultimataley going into the east river

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE NYCDEP AND NRC NOTIFIED. HANDLED BY NYCDEP.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	UNKNOWN	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1079419	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	307775	**Med GW:**	False
Material Code:	0060A	**Med SW:**	True
Material Name:	wastewater	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

---

21 | ***1 of 4*** | ***SE*** | ***0.05 / 238.92*** | ***20.37 / 11*** | ***EMULSION SYSTEM INC***
215 KENT AVENUE
BROOKLYN NY 11211 | ***AST***

Site ID:	274	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-034428	**UTM X:**	588491.35203
Program Type Code:	PBS	**UTM Y:**	4509449.56484
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Other		

Tank Information

Prog No:	2-034428	**UDC Ind:**	1
Tank ID:	237693	**Red Tag Start Date:**	
Tank No:	2	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	05	**Test Method:**	NN
Tank Type Desc:	Steel Tank in Concrete	**Line Last Test Due:**	
Install Date:		**Next Line Test Due:**	
Close Date:	2007-12-13 00:00:00	**Line Test Method:**	
Capacity (Gal):	275	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	

Registered: True
Modified by: BVCAMPBE
Tank Model:
Last Modified: 2017-04-14 14:30:47.863000000
Pipe Model:
Tank Location: 2
Tank Location Desc: Aboveground-contact w/ impervious barrier
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: B01
Code Name: Painted/Asphalt Coating
Type: Tank External Protection

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: C01
Code Name: Aboveground
Type: Pipe Location

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: K00
Code Name: None
Type: Spill Prevention

Tank Information

Prog No:	2-034428	***UDC Ind:***	1
Tank ID:	1034	***Red Tag Start Date:***	
Tank No:	1	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	05	***Test Method:***	NN
Tank Type Desc:	Steel Tank in Concrete	***Line Last Test Due:***	
Install Date:		***Next Line Test Due:***	
Close Date:	2007-11-01 00:00:00	***Line Test Method:***	
Capacity (Gal):	1500	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	BVCAMPBE
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 2
Tank Location Desc: Aboveground-contact w/ impervious barrier
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: G10
Code Name: Impervious Underlayment
Type: Tank Secondary Containment

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Tank Information

Prog No:	2-034428	**UDC Ind:**	1
Tank ID:	237694	**Red Tag Start Date:**	
Tank No:	3	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	05	**Test Method:**	NN
Tank Type Desc:	Steel Tank in Concrete	**Line Last Test Due:**	
Install Date:		**Next Line Test Due:**	
Close Date:	2007-12-13 00:00:00	**Line Test Method:**	
Capacity (Gal):	275	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	BVCAMPBE
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 2
Tank Location Desc: Aboveground-contact w/ impervious barrier
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: I00
Code Name: None
Type: Overfill

Equipment: B01
Code Name: Painted/Asphalt Coating
Type: Tank External Protection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: C01
Code Name: Aboveground
Type: Pipe Location

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Affiliation Information

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: 221 KA ASSOCIATES LLC
Contact Title: MEMBER
Contact Name: STEFFAN STERN
Address1: 15 WASHINGTON AVENUE
Address2:
City: BROOKLYN
State: NY
Zip Code: 11205
Country Code: 001
Phone: (718) 858-1600
Phone Ext:
Email: SSTERN@STEINERNYC.COM
Fax:
Modified By: BVCAMPBE
Last Modified: 2011-01-18 13:46:04.683000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: 221 KA ASSOCIATES LLC
Contact Title: MEMBER
Contact Name: STEFFAN STERN
Address1: 15 WASHINGTON AVENUE
Address2:
City: BROOKLYN
State: NY
Zip Code: 11205
Country Code: 001
Phone: (718) 858-1600
Phone Ext:
Email: SSTERN@STEINERNYC.COM
Fax:
Modified By: BVCAMPBE
Last Modified: 2011-01-18 13:46:04.683000000

Affiliation Type:	04
Affiliation Name:	Facility Operator
Affiliation Sub Type:	NNN
Company:	EMULSION SYSTEM INC
Contact Title:	
Contact Name:	MR. JOSEPH MENNA
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(718) 388-4171
Phone Ext:	
Email:	
Fax:	
Modified By:	NRLOMBAR
Last Modified:	2008-01-15 16:17:22.070000000

Affiliation Type:	11
Affiliation Name:	Emergency Contact
Affiliation Sub Type:	NNN
Company:	STEINER NYC, LLC
Contact Title:	
Contact Name:	
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	999
Phone:	
Phone Ext:	
Email:	
Fax:	
Modified By:	NRLOMBAR
Last Modified:	2008-01-15 16:17:22.083000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	2 of 4	SE	0.05 / 238.92	20.37 / 11	215 KENT AVE 215 KENT AVE BROOKLYN NY 11211	DELISTED TANKS

Delisted Storage Tanks

Program No:	2-000498	**DEC Region:**	2
Site ID:	444673	**County:**	Kings
Site Status:	Unregulated	**UTM X:**	
Program Type:	Chemical Bulk Storage	**UTM Y:**	
Program Type Code:	CBS	**Original Source:**	CBS
Expiry:	N/A	**Record Date:**	28-AUG-2013
Site Type:	Other		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	3 of 4	SE	0.05 / 238.92	20.37 / 11	STEINER WILLIAMSBURG LLC 221 KENT AVE BROOKLYN NY 11211	GEN MANIFEST

RCRA ID:	NYR000153056
Mailing Street 1:	15 WASHINGTON AVE
District Name:	STEINER WILLIAMSBURG LLC
Mailing Street 2:	
Business Phone No:	8457210284
Mailing City:	BROOKLYN
Contact Name:	58 METROPOLITAN AVE
Mailing State:	NY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Location Zip Extension:
Mailing Zip: 11205
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

U162: (80-62-6) Methyl methacrylate (I,T)

Waste Amounts By Year:

2008: 1200 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2007: 400 Pounds; 300 Pounds; 1500 Pounds

21	4 of 4	SE	0.05 / 238.92	20.37 / 11	215 KENT AVE 215 KENT AVE BROOKLYN NY 11211	UST

Site ID: 444673
Site Status: Unregulated/Closed
Program No: 2-000498
Program Type Code: CBS
Program Type Desc: Chemical Bulk Storage
Site Type: Other
Expiry:
County: Kings
UTM X: 587415.37541
UTM Y: 4507877.00947

Tank Information

Prog No: 2-000498
Tank ID: 237859
Tank No: 11
Tank Status: 3
Tank Status Desc: Closed - Removed
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date: 2008-04-09 00:00:00
Close Date: 2008-04-09 00:00:00
Capacity (Gal): 1500
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method:
Modified by: KAKYER
Last Modified: 2011-02-01 11:50:02.050000000
Tank Location: 5
Tank Location Desc: Underground
Category: 2
Category Desc: Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No:	2-000498	***UDC Ind:***	1
Tank ID:	237854	***Red Tag Start Date:***	
Tank No:	6	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:	2008-04-09 00:00:00	***Next Test:***	
Close Date:	2008-04-09 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	1500	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	KAKYER
Tank Model:		***Last Modified:***	2011-02-01 11:50:38.520000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 2
Category Desc: Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No:	2-000498	***UDC Ind:***	1
Tank ID:	237855	***Red Tag Start Date:***	
Tank No:	7	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:	2008-04-09 00:00:00	***Next Test:***	
Close Date:	2008-04-09 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	1500	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	KAKYER
Tank Model:		***Last Modified:***	2011-02-01 11:51:08.080000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 2
Category Desc: Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No:	2-000498	***UDC Ind:***	1
Tank ID:	237861	***Red Tag Start Date:***	
Tank No:	13	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:	2008-04-09 00:00:00	***Next Test:***	
Close Date:	2008-04-09 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	1500	***Next Line Test Due:***	

Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	KAKYER
Tank Model:		***Last Modified:***	2011-02-01 11:50:02.050000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	2		
Category Desc:	Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			
Tank Owner Address:			

Tank Information

Prog No:	2-000498	***UDC Ind:***	1
Tank ID:	237857	***Red Tag Start Date:***	
Tank No:	9	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:	2008-04-09 00:00:00	***Next Test:***	
Close Date:	2008-04-09 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	1500	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	KAKYER
Tank Model:		***Last Modified:***	2011-02-01 11:51:08.080000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	2		
Category Desc:	Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			
Tank Owner Address:			

Tank Information

Prog No:	2-000498	***UDC Ind:***	1
Tank ID:	237862	***Red Tag Start Date:***	
Tank No:	14	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:	2008-04-09 00:00:00	***Next Test:***	
Close Date:	2008-04-09 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	1500	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	KAKYER
Tank Model:		***Last Modified:***	2011-02-01 11:50:38.503000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	2		
Category Desc:	Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			

Tank Owner Address:

Tank Information

Prog No:	2-000498	**UDC Ind:**	1
Tank ID:	237860	**Red Tag Start Date:**	
Tank No:	12	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:	2008-04-09 00:00:00	**Next Test:**	
Close Date:	2008-04-09 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	1500	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	KAKYER
Tank Model:		**Last Modified:**	2011-02-01 11:50:02.050000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 2
Category Desc: Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No:	2-000498	**UDC Ind:**	1
Tank ID:	237858	**Red Tag Start Date:**	
Tank No:	10	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:	2008-04-09 00:00:00	**Next Test:**	
Close Date:	2008-04-09 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	1500	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	KAKYER
Tank Model:		**Last Modified:**	2011-02-01 11:51:08.080000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 2
Category Desc: Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Tank Information

Prog No:	2-000498	**UDC Ind:**	1
Tank ID:	237856	**Red Tag Start Date:**	
Tank No:	8	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	

Install Date:	2008-04-09 00:00:00	**Next Test:**	
Close Date:	2008-04-09 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	1500	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	KAKYER
Tank Model:		**Last Modified:**	2011-02-01 11:51:08.080000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	2		
Category Desc:	Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			
Tank Owner Address:			

Tank Information

Prog No:	2-000498	**UDC Ind:**	1
Tank ID:	237852	**Red Tag Start Date:**	
Tank No:	4	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:	2008-04-09 00:00:00	**Next Test:**	
Close Date:	2008-04-09 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	1500	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	KAKYER
Tank Model:		**Last Modified:**	2011-02-01 11:50:38.520000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	2		
Category Desc:	Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			
Tank Owner Address:			

Tank Information

Prog No:	2-000498	**UDC Ind:**	1
Tank ID:	237853	**Red Tag Start Date:**	
Tank No:	5	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:	2008-04-09 00:00:00	**Next Test:**	
Close Date:	2008-04-09 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	1500	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	KAKYER
Tank Model:		**Last Modified:**	2011-02-01 11:50:38.520000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	2		
Category Desc:	Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015		
Subpart:			
Subpart Desc:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Class A Operator:						
Class B Operator:						
Tank Owner Name:						
Tank Owner Address:						
22	1 of 2	ESE	0.05 / 239.94	18.61 / 9	BLISS & TANNENBAUM, L.P. 58 METROPOLITIAN AVENUE BROOKLYN NY 12201	DELISTED TANKS

Delisted Storage Tanks

Program No:	2-000298	**DEC Region:**	2
Site ID:	340820	**County:**	Kings
Site Status:	Unregulated	**UTM X:**	587452.63582
Program Type:	Chemical Bulk Storage	**UTM Y:**	4507897.13302
Program Type Code:	CBS	**Original Source:**	CBS
Expiry:	N/A	**Record Date:**	28-AUG-2013
Site Type:	Manufacturing (Other than Chemical)/Processing		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	2 of 2	ESE	0.05 / 239.94	18.61 / 9	BLISS & TANNENBAUM, L.P. 58 METROPOLITIAN AVENUE BROOKLYN NY 12201	UST

Site ID:	340820	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-000298	**UTM X:**	587452.63582
Program Type Code:	CBS	**UTM Y:**	4507897.13302
Program Type Desc:	Chemical Bulk Storage		
Site Type:	Manufacturing (Other than Chemical)/Processing		

Tank Information

Prog No:	2-000298	**UDC Ind:**	1
Tank ID:	191794	**Red Tag Start Date:**	
Tank No:	1	**Red Tag End Date:**	
Tank Status:	4	**Tank Last Test:**	
Tank Status Desc:	Closed - In Place	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:	1990-01-01 00:00:00	**Next Test:**	
Close Date:		**Line Last Test Due:**	
Capacity (Gal):	4000	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	CBSInit
Tank Model:		**Last Modified:**	2005-03-21 18:03:06.230000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	2		
Category Desc:	Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			
Tank Owner Address:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
23	1 of 1	SE	0.05 / 242.52	20.59 / 11	58 METROPOLITAN AVENUE 221 KENT AVE BROOKLYN NY 11211-3907	RCRA SQG

EPA Handler ID:	NYR000153056
Gen Status Universe:	Small Quantity Generator

Contact Name:	NICK MANN
Contact Address:	15 , WASHINGTON AVE , , BROOKLYN , NY, 11205 , US
Contact Phone No and Ext:	845-721-0234
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20071206

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20071206
Handler Name:	58 METROPOLITAN AVENUE
Generator Status Universe:	Small Quantity Generator
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20071207
Handler Name:	58 METROPOLITAN AVENUE
Generator Status Universe:	Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	STEFFAN STERN	**Street 2:**	
Date Became Current:	20010101	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	15
Type:	Private	**Street 1:**	WASHINGTON AVE
Name:	STEFFAN STERN	**Street 2:**	
Date Became Current:	20010101	**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	11205

24	1 of 4	SSE	0.05 / 251.22	20.95 / 12	CON EDISON 231 KENT AVE STRUCTURE # 12591 BROOKLYN NY	GEN MANIFEST

RCRA ID:	NYP004662763
Mailing Street 1:	4 IRVING PL 15TH FL
District Name:	CON EDISON
Mailing Street 2:	
Business Phone No:	2124603770
Mailing City:	NEW YORK
Contact Name:	CON EDISON
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 50 Gallons

24	2 of 4	SSE	0.05 / 251.22	20.95 / 12	CON EDISON FO 231 KENT AVE SB 12591 BROOKLYN NY 11249	GEN MANIFEST

RCRA ID:	NYP004636718
Mailing Street 1:	4 IRVING PLACE 15TH FLOOR
District Name:	CON EDISON
Mailing Street 2:	
Business Phone No:	
Mailing City:	NEW YORK
Contact Name:	TOM TEELING
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Amounts By Year:

2014: 100 Gallons

24	*3 of 4*	*SSE*	*0.05 / 251.22*	*20.95 / 12*	***CON EDISON*** ***231 KENT AVE STRUCTURE # 12591*** ***BROOKLYN NY***	***GEN MANIFEST***

RCRA ID:	NYP004665165
Mailing Street 1:	4 IRVING PL 15TH FL
District Name:	CON EDISON
Mailing Street 2:	
Business Phone No:	2124603770
Mailing City:	NEW YORK
Contact Name:	CON EDISON
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 10 Gallons

24	*4 of 4*	*SSE*	*0.05 / 251.22*	*20.95 / 12*	***CON EDISON*** ***231 KENT AV SB12591*** ***BROOKLYN NY 11211***	***GEN MANIFEST***

RCRA ID:	NYP004626529
Mailing Street 1:	4 IRVING PL
District Name:	CON EDISON
Mailing Street 2:	15TH FL
Business Phone No:	
Mailing City:	NEW YORK
Contact Name:	CON EDISON
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 150 Gallons

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	1 of 3	ESE	0.05 / 252.70	17.30 / 8	187 KENT OWNER LLC 187 KENT AVENUE Brooklyn NY 11249	E DESIGNATION

BBL: 3023570001
E-Designation No: E-138
E-Designation Date: 12/20/2018
Year Built: 2018
Lot Area: 16666
Land Use: 4
Land Use Desc:
Owner Type:
Owner Type Desc:
Area Source: 2
Area Source Desc: Department of Finance's RPAD File
Extension Code:
Extension Desc:
Proximity Code: 1
Proximity Desc: Detached
Lot Type: 3
Lot Type Desc: Corner - A tax lot bordering on two intersecting streets.
Basement Code: 0
Basement Desc: None/No Basement
Community District: 301
Tax Block: 2357
Tax Lot: 1
X Coordinate: 994175
Y Coordinate: 200754

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	2 of 3	ESE	0.05 / 252.70	17.30 / 8	187 KENT OWNER LLC 187 KENT AVE BROOKLYN NY 11249	GEN MANIFEST

RCRA ID: NYR000234195
Mailing Street 1: 187 KENT AVE
District Name: 187 KENT OWNER LLC
Mailing Street 2:
Business Phone No:
Mailing City: BROOKLYN
Contact Name: 187 KENT OWNER LLC
Mailing State: NY
Location Zip Extension:
Mailing Zip: 11249
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D009: MERCURY (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2018: 45870 Pounds; 51520 Pounds; 22 Tons; 22 Tons; 20 Tons; 47880 Pounds; 20 Tons; 40940 Pounds; 40740 Pounds; 41100 Pounds; 40060 Pounds; 36860 Pounds; 49670 Pounds; 49580 Pounds; 49340 Pounds; 59920 Pounds; 63620 Pounds; 55000 Pounds; 53040 Pounds; 46640 Pounds; 61480 Pounds; 60620 Pounds; 57740 Pounds; 63220 Pounds; 54980 Pounds; 61280 Pounds; 64240 Pounds; 57360 Pounds; 59020 Pounds; 61660 Pounds; 25 Tons; 40700 Pounds; 41060 Pounds; 41420 Pounds; 46960 Pounds; 46420 Pounds; 43460 Pounds; 39540 Pounds; 42800 Pounds; 54240 Pounds; 47180 Pounds; 46520 Pounds; 45200 Pounds; 51520 Pounds; 49960 Pounds; 47780 Pounds; 46540 Pounds; 40340 Pounds; 50380 Pounds; 51900 Pounds; 47460 Pounds; 55900 Pounds; 49520 Pounds; 56160 Pounds; 52720 Pounds; 47280 Pounds; 50000 Pounds; 56560 Pounds; 52960 Pounds; 57920 Pounds; 54400 Pounds; 44400 Pounds; 55060 Pounds; 56580 Pounds; 51620 Pounds; 54540 Pounds; 52820 Pounds; 49860 Pounds; 47080 Pounds; 49940 Pounds; 54400 Pounds; 55340 Pounds; 55780 Pounds; 58600 Pounds; 51740 Pounds; 56380 Pounds; 53960 Pounds; 60540 Pounds; 58720 Pounds; 46260 Pounds; 45040 Pounds; 40080 Pounds; 46200 Pounds; 22 Tons; 50240 Pounds; 48460 Pounds; 39080 Pounds; 48140 Pounds; 47500 Pounds; 48260 Pounds; 49540 Pounds; 53120 Pounds; 62580 Pounds; 63580 Pounds; 53960 Pounds; 57080 Pounds; 56760 Pounds; 51520 Pounds; 50720 Pounds; 60100 Pounds; 56320 Pounds; 53220 Pounds; 55640 Pounds; 55980 Pounds; 55600 Pounds; 48820 Pounds; 49500 Pounds; 52260 Pounds; 46900 Pounds; 56920 Pounds; 47440 Pounds; 52480 Pounds; 44000 Pounds; 46360 Pounds; 47040 Pounds; 44020 Pounds; 42400 Pounds; 44600 Pounds; 44520 Pounds; 46540 Pounds; 48580 Pounds; 34120 Pounds; 29560 Pounds; 41540 Pounds; 39960 Pounds; 22 Tons; 32840 Pounds; 46600 Pounds; 50260 Pounds; 56220 Pounds; 58240 Pounds; 60940 Pounds; 55160 Pounds; 46960 Pounds; 56580 Pounds; 50020 Pounds; 51560 Pounds; 49960 Pounds; 46260 Pounds; 46120 Pounds; 46000 Pounds; 43980 Pounds; 22 Tons; 22 Tons; 49460 Pounds; 46200 Pounds; 50900 Pounds; 20 Tons; 47820 Pounds; 45660 Pounds; 51440 Pounds; 44720 Pounds; 40740 Pounds; 41300 Pounds; 40260 Pounds; 22 Tons; 42740 Pounds; 25 Tons; 45620 Pounds; 50620 Pounds; 45900 Pounds; 51760 Pounds; 50420 Pounds; 43840 Pounds; 58560 Pounds; 55840 Pounds; 53020 Pounds; 48940 Pounds; 61640 Pounds; 45260 Pounds; 52940 Pounds; 49820 Pounds; 53040 Pounds; 43240 Pounds; 45100 Pounds; 38840 Pounds; 39280 Pounds; 50320 Pounds; 41620 Pounds; 49120 Pounds; 45420 Pounds; 47540 Pounds; 45940 Pounds; 51260 Pounds; 48200 Pounds; 44240 Pounds; 47800 Pounds; 48300 Pounds; 55080 Pounds; 47640 Pounds; 51040 Pounds; 39880 Pounds; 34840 Pounds; 39640 Pounds; 40600 Pounds; 53240 Pounds; 43360 Pounds; 46540 Pounds; 46660 Pounds; 58880 Pounds; 20 Tons; 46980 Pounds; 48860 Pounds; 47960 Pounds; 44860 Pounds; 49220 Pounds; 49540 Pounds; 47380 Pounds; 55340 Pounds; 49620 Pounds; 40640 Pounds; 45940 Pounds; 47860 Pounds; 45320 Pounds; 11530 Pounds

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25	3 of 3	ESE	0.05 / 252.70	17.30 / 8	**187 KENT OWNER LLC** **187 KENT AVE** **BROOKLYN NY 11249**	**RCRA NON GEN**

EPA Handler ID:	NYR000234195
Gen Status Universe:	No Report
Contact Name:	MATT KATZ
Contact Address:	134 , BROADWAY SUITE 110 , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext:	718-243-0700
Contact Email:	MK@CWREALTY.NET
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20180821

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No

Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20171206
Handler Name: 187 KENT OWNER LLC
Generator Status Universe: No Report
Source Type: Temporary

Waste Code Details

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180821
Handler Name: 187 KENT OWNER LLC
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: CW REALTY
Date Became Current: 20170316
Date Ended Current:
Phone: 718-243-0700
Source Type: Implementer
Street No: 134
Street 1: BROADWAY SUITE 110
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Owner
Type: Private
Name: 187 KENT OWNER LLC
Date Became Current: 20170228
Date Ended Current:
Phone: 718-243-0700
Source Type: Temporary
Street No: 134
Street 1: BROADWAY SUITE 110
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Operator
Type: Private
Name: CW REALTY
Date Became Current: 20170316
Date Ended Current:
Phone: 718-243-0700
Source Type: Temporary
Street No: 134
Street 1: BROADWAY SUITE 110
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Owner
Type: Private
Name: 187 KENT OWNER LLC
Date Became Current: 20170228
Date Ended Current:
Phone: 718-243-0700
Source Type: Implementer
Street No: 134
Street 1: BROADWAY SUITE 110
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
26	1 of 4	SSE	0.05 / 268.89	21.08 / 12	HANCOCK REALTY LLC 235 KENT AVENUE Brooklyn NY 11249	E DESIGNATION

BBL: 3023780002
E-Designation No: E-138
E-Designation Date: 12/20/2018
Year Built: 1954
Lot Area: 2225
Land Use: 4
Land Use Desc:
Owner Type:
Owner Type Desc:
Area Source: 2
Area Source Desc: Department of Finance's RPAD File
Extension Code:
Extension Desc:
Proximity Code: 2
Proximity Desc: Semi-Attached
Lot Type: 5
Lot Type Desc: Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.
Basement Code: 2
Basement Desc: Full Basement that is Below Grade (The basement is 75% or more of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)

Community District: 301
Tax Block: 2378
Tax Lot: 2
X Coordinate: 993842
Y Coordinate: 200340

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
26	2 of 4	SSE	0.05 / 268.89	21.08 / 12	CON EDISON 235 KENT AVE F/O SB 12591 BROOKLYN NY 11249	GEN MANIFEST

RCRA ID: NYP004826416
Mailing Street 1: 4 IRVING PLACE - 15TH FLOOR
District Name: CON EDISON
Mailing Street 2:
Business Phone No:
Mailing City: NEW YORK
Contact Name: TOM TEELING
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2015: 40 Gallons

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
26	3 of 4	SSE	0.05 / 268.89	21.08 / 12	CON EDISON 235 KENT AVE BROOKLYN NY 11249	RCRA NON GEN

EPA Handler ID: NYP004826416
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20150819

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150819
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150819
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
26	4 of 4	SSE	0.05 / 268.89	21.08 / 12	MVA IN FRONT OF 235 KENT AVE BROOKLYN NY	NY SPILLS

Spill No:	1610357	**Spill Date:**	2017-02-15 11:30:00
Site ID:	541177	**Rcvd Date:**	2017-02-15 13:58:00
DER Facility ID:	494941	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2017-02-15 00:00:00
SWIS Code:	2401	**Create Date:**	2017-02-15 14:00:00
Contribute Factor:	Traffic Accident	**Update Date:**	2017-02-16 12:10:18.160000000
Water Body:		**DEC Region:**	2
Source:	Commercial Vehicle	**Lead DEC:**	vszhune
Class:	C4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

Unknown if nearby storm drain was affected. C/u complete

DEC Remark:

2/15/17-Zhune spoke to Hazmat 1- Mitch Delirod 347-203-6886. Mitch said a dump truck has an accident with a regular car and punched the saddle tank. Approximately 20 gallons of diesel spilled over the road. The Fire department pumped out the product remaining in the saddle tank approximately 30 gallons and put it in a drum. The company of the dump truck picked the drum. The Fire Department put speedi-dry over the spill. Sanitation Department will clean the spill. There is a storm drain close to the location of the spill and DEP was notified. Spill closed. Steve 516-229-0659 Park trucking 1818 Falmouth Avenue New Hyde Park, NY 11040

Spiller Information

Spiller Name:	MITCH DELIROD	**Spiller Zip:**	
Spiller Company:	MVA	**Spiller Country:**	999
Spiller Address:	IN FRONT OF 235 KENT AVE	**Contact Name:**	MITCH DELIROD
Spiller City:	BROOKLYN	**Contact Phone:**	(347) 203-6886
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1289746	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2295511	**Med GW:**	False
Material Code:	0008	**Med SW:**	False
Material Name:	diesel	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	20.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
27	1 of 1	S	0.05 / 272.27	13.02 / 4	CON EDISON 29 GRAND ST & RIVER ST BROOKLYN NY 11211	RCRA NON GEN

EPA Handler ID:	NYP004184073
Gen Status Universe:	No Report
Contact Name:	CAROLINE ISKANDER
Contact Address:	US
Contact Phone No and Ext:	718-666-4714

Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20160601

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20090714
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20160601
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

28	1 of 3	SSE	0.05 / 283.51	21.08 / 12	235-237 KENT AVENUE G 237 KENT AVENUE Brooklyn NY 11249	E DESIGNATION

BBL: 3023780001
E-Designation No: E-138
E-Designation Date: 12/20/2018
Year Built: 1954
Lot Area: 2625
Land Use: 4
Land Use Desc:
Owner Type:
Owner Type Desc:
Area Source: 2
Area Source Desc: Department of Finance's RPAD File
Extension Code:
Extension Desc:

Community District: 301
Tax Block: 2378
Tax Lot: 1
X Coordinate: 993830
Y Coordinate: 200319

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Proximity Code: 2
Proximity Desc: Semi-Attached
Lot Type: 5
Lot Type Desc: Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.
Basement Code: 2
Basement Desc: Full Basement that is Below Grade (The basement is 75% or more of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

28	2 of 3	SSE	0.05 / 283.51	21.08 / 12	KING COLLISION 237 KENT AVE BROOKLYN NY 11211	GEN MANIFEST

RCRA ID: NYR000042374
Mailing Street 1: 237 KENT AVE
District Name: KING COLLISION
Mailing Street 2:
Business Phone No: 7184866700
Mailing City: BROOKLYN
Contact Name: SOLOMON KELLMAN
Mailing State: NY
Location Zip Extension:
Mailing Zip: 11211
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

Waste Amounts By Year:

1997: 70 Gallons
1998: 55 Gallons
2000: 220 Gallons

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	3 of 3	SSE	0.05 / 283.51	21.08 / 12	KING COLLISION 237 KENT AVE BROOKLYN NY 11211	RCRA NON GEN

EPA Handler ID: NYR000042374
Gen Status Universe: No Report
Contact Name: SOLOMON KELLMAN
Contact Address: 237 , KENT AVE , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext: 718-486-6700
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19970707
Handler Name: KING COLLISION
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT

SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060101
Handler Name: KING COLLISION
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070101
Handler Name: KING COLLISION
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: KING COLLISION
Date Became Current:
Date Ended Current:
Phone: 718-486-6700
Source Type: Implementer
Street No:
Street 1: 237 KENT AVE
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Owner
Type: Private
Name: KING COLLISION
Date Became Current:
Date Ended Current:
Phone: 718-486-6700
Source Type: Implementer
Street No:
Street 1: 237 KENT AVE
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Owner
Type: Private
Name: KING COLLISION
Date Became Current:
Date Ended Current:
Phone: 718-486-6700
Source Type: Notification
Street No:
Street 1: 237 KENT AVE
Street 2:
City: BROOKLYN
State: NY
Country:
Zip Code: 11211

29	1 of 2	NE	0.06 / 304.92	7.28 / -2	CON EDISON 85 NORTH 4 BROOKLYN NY 11211	GEN MANIFEST

RCRA ID: NYP004300166
Mailing Street 1: 4 IRVING PL 15TH FL
District Name: CON EDISON
Mailing Street 2:
Business Phone No: 2124603770
Mailing City: NEW YORK
Contact Name: CON EDISON
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2013: 500 Gallons

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
29	2 of 2	NE	0.06 / 304.92	7.28 / -2	CON EDISON - MANHOLE 62166 85 NORTH 4 BROOKLYN NY 11211	RCRA LQG

EPA Handler ID:	NYP004300166
Gen Status Universe:	Large Quantity Generator
Contact Name:	DENNIS HUACON
Contact Address:	4 , IRVING PLACE, 15TH FL NE , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext:	212-460-2757
Contact Email:	HUACOND@CONED.COM
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20140327

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20130409
Handler Name:	CON EDISON MANHOLE: 62166
Generator Status Universe:	Large Quantity Generator
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20130509

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Name: CON EDISON MANHOLE: 62166
Generator Status Universe: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140327
Handler Name: CON EDISON - MANHOLE 62166
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	4
Type:	Private	**Street 1:**	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	**Street 2:**	
Date Became Current:	20130409	**City:**	NEW YORK
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	10003

Owner/Operator Ind:	Current Operator	**Street No:**	4
Type:	Private	**Street 1:**	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	**Street 2:**	
Date Became Current:	20130409	**City:**	NEW YORK
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	10003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
30	1 of 1	NE	0.06 / 308.91	4.64 / -5	NORTH 4TH PLACE LLC 1 N 4TH PL BROOKLYN NY 11249	RCRA NON GEN

EPA Handler ID: NYR000197970
Gen Status Universe: No Report
Contact Name: MICHAEL PATRISSY
Contact Address: 42-09 , 235TH ST , , DOUGLASTON , NY, 11363 , US
Contact Phone No and Ext: 718-224-7147 102
Contact Email: MPATRISSY@LEVINEBUILDERS.COM
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20130617

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No

Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20121205
Handler Name:	NORTH 4TH PLACE LLC
Generator Status Universe:	No Report
Source Type:	Temporary

Waste Code Details

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20130617
Handler Name:	NORTH 4TH PLACE LLC
Generator Status Universe:	No Report
Source Type:	Implementer

Waste Code Details

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	NORTH 4TH PLACE LLC C/O DOUGLASTON DEVEL	***Street 2:***	
Date Became Current:	20120627	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Implementer	***Zip Code:***	
Owner/Operator Ind:	Current Owner	***Street No:***	42-09
Type:	Private	***Street 1:***	235TH ST
Name:	NORTH 4TH PLACE LLC C/O DOUGLASTON DEVEL	***Street 2:***	
Date Became Current:	20120627	***City:***	DOUGLASTON
Date Ended Current:		***State:***	NY
Phone:	212-400-9292	***Country:***	US
Source Type:	Temporary	***Zip Code:***	11363
Owner/Operator Ind:	Current Owner	***Street No:***	42-09
Type:	Private	***Street 1:***	235TH ST
Name:	NORTH 4TH PLACE LLC C/O DOUGLASTON	***Street 2:***	

DEVEL

Date Became Current:	20120627	**City:**	DOUGLASTON
Date Ended Current:		**State:**	NY
Phone:	212-400-9292	**Country:**	US
Source Type:	Implementer	**Zip Code:**	11363
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	NORTH 4TH PLACE LLC C/O DOUGLASTON DEVEL	**Street 2:**	
Date Became Current:	20120627	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Temporary	**Zip Code:**	

31 | **1 of 1** | **ESE** | **0.06 / 309.64** | **19.82 / 10** | **CON EDISON, 61 METROPOLITAN AVE SB 61607, BROOKLYN NY 11249** | **GEN MANIFEST**

RCRA ID:	NYP004721205
Mailing Street 1:	4 IRVING PLACE - 15TH FLOOR
District Name:	CON EDISON
Mailing Street 2:	
Business Phone No:	
Mailing City:	NEW YORK
Contact Name:	TOM TEELING
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2015: 1000 Pounds

32 | **1 of 1** | **SE** | **0.06 / 310.07** | **21.69 / 12** | **RINGSIDE, INC., 51 NORTH 1 STREET, Brooklyn NY 11249** | **E DESIGNATION**

BBL:	3023630038	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2363
E-Designation Date:	12/20/2018	**Tax Lot:**	38
Year Built:	1920	**X Coordinate:**	994047
Lot Area:	4758	**Y Coordinate:**	200487
Land Use:	5		
Land Use Desc:			
Owner Type:	X		
Owner Type Desc:	Mixed (Excludes property with a C, M, O, or P ownership code). Fully tax exempt property that could be owned by the city, state, or federal government; a public authority; or a private institution		
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	0		
Proximity Desc:	Not Available		
Lot Type:	5		
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Basement Code: 0
Basement Desc: None/No Basement

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

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33 | **1 of 1** | **SSE** | **0.06 / 337.60** | **23.28 / 14** | **50 NORTH ONE LLC**
52 NORTH 1 STREET
Brooklyn NY 11249 | **E DESIGNATION**

BBL: 3023780011
E-Designation No: E-138
E-Designation Date: 12/20/2018
Year Built: 2008
Lot Area: 15800
Land Use: 3
Land Use Desc:
Owner Type:
Owner Type Desc:
Area Source: 2
Area Source Desc: Department of Finance's RPAD File
Extension Code:
Extension Desc:
Proximity Code: 3
Proximity Desc: Attached
Lot Type: 5
Lot Type Desc: Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.
Basement Code: 2
Basement Desc: Full Basement that is Below Grade (The basement is 75% or more of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)

Community District: 301
Tax Block: 2378
Tax Lot: 11
X Coordinate: 993966
Y Coordinate: 200341

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
		(A)ZMK				

34 | **1 of 1** | **S** | **0.06 / 341.93** | **20.61 / 11** | **SERVICE BOX 20114
33 GRAND ST
BROOKLYN NY** | **NY SPILLS**

Spill No:	1808560	**Spill Date:**	2018-11-11 11:40:00
Site ID:	579372	**Rcvd Date:**	2018-11-11 13:22:00
DER Facility ID:	532078	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2018-12-14 00:00:00
SWIS Code:	2401	**Create Date:**	2018-11-11 13:24:00
Contribute Factor:	Unknown	**Update Date:**	2018-12-14 14:24:05.220000000
Water Body:		**DEC Region:**	2
Source:	Unknown	**Lead DEC:**	RWAUSTIN
Class:	D4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

6 oz to asphalt and 8 oz to Con Ed structure. Clean up- surface has been clean, structure- waiting on vendor

DEC Remark:

Emis # 269929 11/11/18-Zhune spoke to ERT-Robert Duffy. Robert said They discovered 6 ounces of motor oil on asphalt and 6 ounces of motor oil in the service box from an abandon car. The car was removed. They has been cleaned the asphalt. Environmental contractor cleaned the service box. It double wash the structure. 12/14/18 - Austin - Con Ed contained and cleaned up the spill - See document files for further information - Spill closed - end

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	UNKNOWN	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	CHRIS MUGGEO
Spiller City:		**Contact Phone:**	2125808383
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1327090	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2335957	**Med GW:**	False
Material Code:	0015	**Med SW:**	False
Material Name:	motor oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.01	**Med Subway:**	False
Units:	G	**Med Utility:**	True
Recovered:	.01	**Oxygenate:**	
Med Soil:	False		

35 | **1 of 1** | **ENE** | **0.07 / 344.96** | **12.03 / 3** | **EXCAVATION - PIPELINE 7
KENT AVE N/O NORTH 4TH ST
BROOKLYN NY** | **NY SPILLS**

Spill No:	0412295	**Spill Date:**	2005-02-17 13:50:00
Site ID:	337738	**Rcvd Date:**	2005-02-17 15:18:00
DER Facility ID:	273071	**CAC Date:**	
CID:	409	**Insp Date:**	
Program Type:	ER	**Close Date:**	2006-08-17 00:00:00
SWIS Code:	2401	**Create Date:**	2005-02-17 15:39:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contribute Factor:	Equipment Failure	**Update Date:**	2006-08-17 14:53:59.233000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	JHOCONNE
Class:	B3	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

NO SMOKE FIRE, SEWERS OR WATERWAYS. EXCAVATION IS A 4X8 AREA. FOUND UNKNOWN OIL IN THE SOIL.

DEC Remark:

2/17/05: e-mail from Matthew Madsen, Con Ed Remediation group: An additional area of contaminated soil was found between N4th and N5th St - about 57' north of the N4th St. intersection. It appears to be fuel oil (possibly low pour) but is being sampled for oil ID and waste class parameters. Appendix B site 25. (JHO) 8/17/06: spill closed based on final remedial action report contained in eDocs - Con Ed App. B Site 25. (JHO) ~~~~~~~~~~~~~~~~~~~~~~~~ e2mis no. 157283: 2/17/2005 14:00 HRS. JEAN WASHINGTON #20481, INSPECTOR WITH CONSTRUCTION MGMT (347-203-4747), REPORTS ON SITE DURING REMEDIATION PROJECT TO REMOVE ABANDONED 20 FUEL OIL LINE BURIED UNDER STREET AND AT 13:50 HRS. WHILE EXCAVATING SOIL FOUND APPROX. 4 FT BY 8 FT AREA OF OILY SOIL WITH PETROLEUM ODOR. SHE ESTIMATES THE SOIL CONTAINS APPROX. 50 GAL OF UNKNOWN OIL. LOCATION IS W/S KENT AVE, 57' N/O NO. 4 ST. SAMPLES WILL BE TAKEN AND TESTED BY CONTACTOR (CLAYTON SERVICES GROUP). THE AFFECTED SOIL WILL BE COVERED AND CORDONED OFF PENDING SAMPLE RESULTS, AFTER WHICH CLEANUP WILL BE DONE BY A CONTRACTOR. THE PROJECT MANAGER IS MATT MADSEN OF EH&S. FUTURE UPDATES TO INCIDENT WILL BE ENTERED BY REMEDIATION GROUP. UPDATE 2/17/05 14:50 HRS. -- RECEIVED CALL BACK FROM MATT MADSEN, HE REPORTS THIS IS AN ONGOING REMEDIATION PROJECT AND THEIR AGREEMENT WITH D.E.C. IS TO CREATE NEW E2MIS SPILL REPORT WHEN OIL IS FOUND IN AN AREA THAT HAS NOT BEEN PREVIOUSLY REPORTED. HE ALSO REPORTS THAT JANE O'CONNELL OF D.E.C. WAS ALREADY NOTIFIED BY EMAIL.

Spiller Information

Spiller Name:	ERT DESK	**Spiller Zip:**	
Spiller Company:	EXCAVATION	**Spiller Country:**	001
Spiller Address:	16TH /AVE C	**Contact Name:**	ERT DESK
Spiller City:	MANHATTEN	**Contact Phone:**	(212) 580-8383
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.718899994		
Longitude:	-73.963100000		

Material Information

OP Unit ID:	1099756	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	580003	**Med GW:**	False
Material Code:	0066A	**Med SW:**	False
Material Name:	unknown petroleum	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	50.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
36	1 of 1	ESE	0.07 / 346.15	18.89 / 9	187 KENT OWNER LLC 48 NORTH 3 STREET Brooklyn NY 11249	E DESIGNATION

BBL:	3023570004	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2357
E-Designation Date:	12/20/2018	**Tax Lot:**	4
Year Built:	2018	**X Coordinate:**	994276
Lot Area:	6550	**Y Coordinate:**	200733
Land Use:	4		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Area Source Desc:	Department of Finance's RPAD File
Extension Code:	
Extension Desc:	
Proximity Code:	1
Proximity Desc:	Detached
Lot Type:	5
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.
Basement Code:	0
Basement Desc:	None/No Basement

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date:	5/11/2005
Lot Remediation Date:	
Satisfaction Date:	
Application No:	050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

37	1 of 1	S	0.07 / 351.71	21.81 / 12	**FLUX FARM LLC** **37 GRAND STREET** **Brooklyn NY 11249**	**E DESIGNATION**

BBL:	3023780040	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2378
E-Designation Date:	12/20/2018	**Tax Lot:**	40
Year Built:	1940	**X Coordinate:**	993795
Lot Area:	4650	**Y Coordinate:**	200240
Land Use:	6		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	0		
Proximity Desc:	Not Available		
Lot Type:	5		
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.		
Basement Code:	2		
Basement Desc:	Full Basement that is Below Grade (The basement is 75% or more of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)		

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date:	5/11/2005
Lot Remediation Date:	
Satisfaction Date:	
Application No:	050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

38	*1 of 1*	*S*	*0.07 / 358.39*	*18.10 / 9*	***262-266 KENT AVE 262-266 KENT AVE BROOKLYNN NY***	***NY SPILLS***

Spill No:	0809044	***Spill Date:***	2008-11-07 16:00:00
Site ID:	406480	***Rcvd Date:***	2008-11-10 17:47:00
DER Facility ID:	355738	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2010-12-28 00:00:00
SWIS Code:	2401	***Create Date:***	2008-11-10 17:54:00
Contribute Factor:	Other	***Update Date:***	2010-12-28 13:20:44.080000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	SFRAHMAN
Class:	C4	***Reported by:***	Responsible Party
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

FOUND WHILE BORING PHASE II INVESTIGATION

DEC Remark:

11/14/08 Left messege for Marc Godick to follow up on the spill.(sr) 06/04/10 Spoke with Marc Godick about the spill.He said he would search his records and get back to me.(sr) 12/28/10 Rec'd Phase II report.AKRF conducted a subsurface investigation at the former Domino Sugar Site.The site is located at 264 to 316 Kent Avenue. Phase II report for the site is attached to eDocs. The Phase II was done for the rezoning,and it includes testing for all of the development parcels. The boring conducted in the area of the former ASTs (SB-7) provided visual indication of petroleum contamination. Based upon this finding, the spill was reported to DEC. The laboratory results for soil and groundwater sampling conducted from this location did not show elevated VOCs and SVOCs. Since the Phase II work and spill reporting, the two 275-gal ASTs and associated containment in the vicinity of SB-7 were removed. Documentation from the contractor who performed the removal work attached to eDocs. The PBS registration was also updated to reflect the removal of the tanks.NFA required.Case closed.(sr)

Spiller Information

Spiller Name:		***Spiller Zip:***	10016
Spiller Company:	CPC RESOURCES	***Spiller Country:***	999
Spiller Address:	28 28TH ST 9TH FLOOR	***Contact Name:***	MARC GODICK
Spiller City:	NEW YORK	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1163067	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	2154368	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:		***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	1 of 1	E	0.07 / 366.86	16.37 / 7	V. M. TRANSFER; LTD.(CARDELLA) 175 KENT AVE Brooklyn NY 11211	SWF/LF

Active:	No	**Owner Address:**	
Activity No:	[24T64]	**Owner Addr2:**	
Regltry Status:		**Owner City:**	
Accuracy Code:		**Owner State:**	
Auth No:	2-6101-00066	**Owner ZIP:**	
Auth Issue Dt:		**Owner Email:**	
Operator Name:		**Owner Phone:**	
Operator Type:		**Contact Name:**	VINCENT MORIBITO; OWNER
Expiration Date:		**Contact Addr:**	
Region:	2	**Contact Addr2:**	
County:	Kings	**Contact City:**	
East Coord:	587400	**Contact State:**	
North Coord:	4508000	**Contact ZIP:**	
Phone No:	5162863322	**Contact Email:**	
Owner Name:		**Contact Phone:**	
Owner Type:			
Date of Last Inspection:			
Activity Desc:	Transfer station - permit		
Waste Types:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	1 of 2	NNE	0.07 / 368.97	0.00 / -9	NORTH 4TH PLACE, LLC 1 NORTH 4 PLACE Brooklyn NY 11249	E DESIGNATION

BBL:	3023400004	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2340
E-Designation Date:	12/20/2018	**Tax Lot:**	4
Year Built:	2016	**X Coordinate:**	994047
Lot Area:	71348	**Y Coordinate:**	201421
Land Use:	3		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	1		
Proximity Desc:	Detached		
Lot Type:	5		
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.		
Basement Code:	2		
Basement Desc:	Full Basement that is Below Grade (The basement is 75% or more of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)		

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Window Wall Attenuation & Alternate Ventilation
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

40	2 of 2	NNE	0.07 / 368.97	0.00 / -9	NORTH 4TH PLACE LLC 1 NORTH 4TH PLACE BROOKLYN NY 11249	GEN MANIFEST

RCRA ID: NYR000197970
Mailing Street 1: 1 N 4TH PL
District Name: NORTH 4TH PLACE LLC
Mailing Street 2:
Business Phone No: 9176123990
Mailing City: BROOKLYN
Contact Name: NORTH 4TH PLACE LLC
Mailing State: NY
Location Zip Extension:
Mailing Zip: 11249
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2012: 45860 Pounds

41	1 of 4	S	0.07 / 372.69	18.10 / 9	CON EDISON GRAND ST & KENT AVE TM 1143 BROOKLYN NY 11249	GEN MANIFEST

RCRA ID: NYP004609517
Mailing Street 1: 4 IRVING PLACE 15TH FLOOR
District Name: CON EDISON
Mailing Street 2:
Business Phone No:
Mailing City: NEW YORK
Contact Name: TOM TEELING
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 50 Gallons; 100 Gallons

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
41	2 of 4	S	0.07 / 372.69	18.10 / 9	NYSDOT - B Q E BRIDGES KENT AVE & GRAND ST BROOKLYN NY 11211	RCRA NON GEN

EPA Handler ID: NYD986899862
Gen Status Universe: No Report
Contact Name:
Contact Address: 47-40 , 21ST ST , , LONG ISLAND CITY , NY, 11101 , US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type:
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900531
Handler Name: NYSDOT - B Q E BRIDGES
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sequence No: 1
Receive Date: 19990708
Handler Name: NYSDOT - B Q E BRIDGES
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: NYSDOT - B Q E BRIDGES
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: NYSDOT - B Q E BRIDGES
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: State
Name: NYSDOT
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country:
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: State
Name: NYSDOT
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: State
Name: NYSDOT
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

41	*3 of 4*	*S*	*0.07 / 372.69*	*18.10 / 9*	***CON EDISON GRAND ST & KENT AVE BROOKLYN NY 11249***	***RCRA NON GEN***

EPA Handler ID: NYP004764858
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20150408

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150408
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150408
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Implementer

41	*4 of 4*	*S*	*0.07 / 372.69*	*18.10 / 9*	***GROUND*** ***GRAND ST AND KENT AVE*** ***BROOKLYN NY***	***NY SPILLS***

Spill No:	1806332	***Spill Date:***	2018-09-12 12:14:00
Site ID:	577051	***Rcvd Date:***	2018-09-12 12:14:00
DER Facility ID:	529920	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2018-09-12 00:00:00
SWIS Code:	2401	***Create Date:***	2018-09-12 12:15:00
Contribute Factor:	Deliberate	***Update Date:***	2018-09-12 14:46:58.663000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	AAOBLIGA
Class:		***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

The following information was received through the DEC website "Report an Environmental Violation Online" or sent directly by the complainant to an OPP dispatch mailbox: Who Did It: Radio waste What Occurred: Underground gas tank is rotting and fluids leaking into ground water When Did It Occur: Over a period of time County: Kings Municipality: Brooklyn Location Or Address: Grand st and Kent ave corner lot How Did It Occur: No maintained Additional Details: Been happening for a while Complainants Name: Complainants Phone: Complainants Email: Date of Submittal: 09/12/2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Remark:

9/12/18 - Obligado - Desk Duty - Anonymous complaint. No contact number provided so I could not verify information. Spill closed.

Spiller Information

Spiller Name:	ANONYMOUS	***Spiller Zip:***	
Spiller Company:	RADIO WASTE	***Spiller Country:***	999
Spiller Address:	GRAND ST AND KENT AVE	***Contact Name:***	ANONYMOUS
Spiller City:	BROOKLYN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1324834	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	2333321	***Med GW:***	False
Material Code:	0064A	***Med SW:***	False
Material Name:	unknown material	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Other	***Med Surf:***	False
Quantity:		***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

42	***1 of 3***	***E***	***0.07 / 377.06***	***14.66 / 5***	***WATERVIEW LOFTS LLC 157 KENT AVENUE Brooklyn NY 11249***	***E DESIGNATION***

BBL:	3023490015	***Community District:***	301
E-Designation No:	E-138	***Tax Block:***	2349
E-Designation Date:	12/20/2018	***Tax Lot:***	15
Year Built:	2012	***X Coordinate:***	994480
Lot Area:	21300	***Y Coordinate:***	200926
Land Use:	4		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	3		
Proximity Desc:	Attached		
Lot Type:	3		
Lot Type Desc:	Corner - A tax lot bordering on two intersecting streets.		
Basement Code:	2		
Basement Desc:	Full Basement that is Below Grade (The basement is 75% or more of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)		

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

42	2 of 3	E	0.07 / 377.06	14.66 / 5	CON EDISON OPP 40 N 4TH ST SB 65600 BROOKLYN NY 11249	GEN MANIFEST

RCRA ID: NYP004737748
Mailing Street 1: 4 IRVING PLACE - 15TH FLOOR
District Name: CON EDISON
Mailing Street 2:
Business Phone No:
Mailing City: NEW YORK
Contact Name: TOM TEELING
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2015: 400 Pounds

42	3 of 3	E	0.07 / 377.06	14.66 / 5	JORAL CARTING INC. 157 KENT AVE. Brooklyn NY 12211	SWF/LF

Active: No
Activity No: [24T62]
Regltry Status:
Accuracy Code:
Auth No: 2-6101-00021
Auth Issue Dt:
Operator Name:
Operator Type:
Expiration Date:
Region: 2
County: Kings
East Coord: 587500
North Coord: 4508000
Phone No: 7186267907
Owner Name:
Owner Type:
Date of Last Inspection:
Activity Desc: Transfer station - permit
Waste Types:

Owner Address:
Owner Addr2:
Owner City:
Owner State:
Owner ZIP:
Owner Email:
Owner Phone:
Contact Name: ANTHONY SPENSIERI; SUPERVISOR
Contact Addr:
Contact Addr2:
Contact City:
Contact State:
Contact ZIP:
Contact Email:
Contact Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
43	1 of 2	SSW	0.07 / 380.04	6.29 / -3	AIR 4779 RIVER ST BROOKLYN NY	NY SPILLS

Spill No:	1100560	**Spill Date:**	2011-04-14 22:00:00
Site ID:	447967	**Rcvd Date:**	2011-04-15 15:20:00
DER Facility ID:	402555	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2011-04-15 00:00:00
SWIS Code:	2401	**Create Date:**	2011-04-15 15:24:00
Contribute Factor:	Equipment Failure	**Update Date:**	2011-04-15 15:38:33.187000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	HRPATEL
Class:		**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

Caller advised .1 pound of carbon monoxide and .1 pound of nitrogen dioxide was released into the air.

DEC Remark:

referred to air division.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	NY POWER AUTHORITY	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	JOSHUA RAMOS
Spiller City:		**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.717268000		
Longitude:	-73.965833000		

Material Information

OP Unit ID:	1198224	**Med Air:**	True
OU:	01	**Med Ind Air:**	False
Material ID:	2194466	**Med GW:**	False
Material Code:	0283A	**Med SW:**	False
Material Name:	carbon monoxide	**Med DW:**	False
CAS No:	00630080	**Med Sewer:**	False
Material Family:	Other	**Med Surf:**	False
Quantity:		**Med Subway:**	False
Units:		**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
43	2 of 2	SSW	0.07 / 380.04	6.29 / -3	KENT POWER PLANT 4779 RIVER ST BROOLYN NY	NY SPILLS

Spill No:	1709534	**Spill Date:**	2018-01-13 12:00:00
Site ID:	565981	**Rcvd Date:**	2018-01-17 14:18:00
DER Facility ID:	519446	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2018-01-17 00:00:00
SWIS Code:	2401	**Create Date:**	2018-01-17 14:21:00
Contribute Factor:	Equipment Failure	**Update Date:**	2018-01-17 15:10:13.433000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	AAOBLIGA
Class:		**Reported by:**	Other
Meets Std:	False	**Referred to:**	

Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

repairs complete

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	KENT POWER PLANT	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	MASA
Spiller City:		**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1313918	**Med Air:**	True
OU:	01	**Med Ind Air:**	False
Material ID:	2321422	**Med GW:**	False
Material Code:	0243A	**Med SW:**	False
Material Name:	nitrogen dioxide	**Med DW:**	False
CAS No:	10544726	**Med Sewer:**	False
Material Family:	Hazardous Material	**Med Surf:**	False
Quantity:	1.00	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	1 of 1	ESE	0.07 / 383.76	20.78 / 11	METROPOLITAN 75 REALT 67 METROPOLITAN AVENUE Brooklyn NY 11249	E DESIGNATION

BBL:	3023570025	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2357
E-Designation Date:	12/20/2018	**Tax Lot:**	25
Year Built:	1906	**X Coordinate:**	994249
Lot Area:	10000	**Y Coordinate:**	200634
Land Use:	6		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	2		
Proximity Desc:	Semi-Attached		
Lot Type:	5		
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.		
Basement Code:	2		
Basement Desc:	Full Basement that is Below Grade (The basement is 75% or more of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)		

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

(A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date:	5/11/2005
Lot Remediation Date:	
Satisfaction Date:	
Application No:	050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
45	1 of 1	S	0.07 / 394.34	21.17 / 12	CONSOLIDATED EDISON 29 GRAND ST - MH14011 BROOKLYN NY 11202	GEN MANIFEST

RCRA ID:	NYP004184073
Mailing Street 1:	4 IRVING PLACE RM 828
District Name:	CONSOLIDATED EDISON
Mailing Street 2:	
Business Phone No:	2124602808
Mailing City:	NEW YORK
Contact Name:	FRANKLYN MURRAY
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2009: 100 Gallons

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
46	1 of 1	S	0.07 / 394.78	16.42 / 7	260 KENT LLC 260 KENT AVENUE Brooklyn NY 11249	E DESIGNATION

BBL:	3024140002	***Community District:***	301
E-Designation No:	R-195	***Tax Block:***	2414
E-Designation Date:	12/20/2018	***Tax Lot:***	2
Year Built:	0	***X Coordinate:***	993507
Lot Area:	0	***Y Coordinate:***	200117
Land Use:	4		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	0		
Proximity Desc:	Not Available		
Lot Type:	0		
Lot Type Desc:	Mixed or Unknown		
Basement Code:	5		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Basement Desc: Unknown

(E) Designations Details

E No: E-337
CEQR No: 07DCP094K
Borough Code: 3
ULURP No: 140131ZRK 140132ZSK 140133ZSK 140134ZSK 140135ZSK 140136ZAK

(E) Designations Details

E No: R-195
CEQR No: 07DCP094K
Borough Code: 3
ULURP No: 100185 ZMK

47	1 of 1	E	0.08 / 399.82	16.88 / 7	ANTHONY CONCRETE 175 KENT AVE BROOKLYN NY	NY SPILLS

Spill No: 0009981
Site ID: 245280
DER Facility ID: 201491
CID: 281
Program Type: ER
SWIS Code: 2401
Contribute Factor: Unknown
Water Body:
Source: Commercial/Industrial
Class: D4
Meets Std: False
Penalty: False
REM Phase: 0
UST Trust: False
Caller Remark:

Spill Date: 2000-12-04 14:35:00
Rcvd Date: 2000-12-04 14:35:00
CAC Date:
Insp Date:
Close Date: 2000-12-04 00:00:00
Create Date: 2000-12-04 00:00:00
Update Date: 2000-12-15 00:00:00
DEC Region: 2
Lead DEC: MXTIPPLE
Reported by: Local Agency
Referred to:
County: Kings
After Hours: False

CALLER HAS RECEIVED NUMEROUS COMPLAINTS IN REFERENCE TO CONCRETE AT ABOVE LOCATION. CALLER IS REQUESTING CALL FROM DEC REGIONAL OFFICE IN REFERENCE TO SITUATION.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE REFERRED TI MR MITREY FROM THE AIR UNIT AS WELL AS TO DEP DUE TO POSSIBLE RUNOFF FROM CEMENT PLANT INTO SEWER

Spiller Information

Spiller Name: UNKNOWN
Spiller Company: ANTHONY CONCRETE
Spiller Address: 175 KENT AVE
Spiller City: BROOKLYN
Spiller State: NY
Latitude: 40.718257880
Longitude: -73.963856290

Spiller Zip:
Spiller Country: 001
Contact Name: MARIE WALLIN
Contact Phone: (718) 389-0009
Contact Ext:

Material Information

OP Unit ID: 830950
OU: 01
Material ID: 543908
Material Code: 0507A
Material Name: concrete products
CAS No:
Material Family: Other

Med Air: True
Med Ind Air: False
Med GW: False
Med SW: False
Med DW: False
Med Sewer: False
Med Surf: False

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

48 | **1 of 1** | **SSE** | **0.08 / 409.64** | **24.34 / 15** | **KATE HERZ**
49 GRAND STREET
Brooklyn NY 11249 | **E DESIGNATION**

BBL:	3023780036	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2378
E-Designation Date:	12/20/2018	**Tax Lot:**	36
Year Built:	1899	**X Coordinate:**	993907
Lot Area:	3200	**Y Coordinate:**	200215
Land Use:	4		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	0		
Proximity Desc:	Not Available		
Lot Type:	6		
Lot Type Desc:	Interior Lot - A tax lot that has no street frontage.		
Basement Code:	2		
Basement Desc:	Full Basement that is Below Grade (The basement is 75% or more of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)		

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date:	5/11/2005
Lot Remediation Date:	
Satisfaction Date:	
Application No:	050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

49 | **1 of 1** | **SSE** | **0.08 / 423.87** | **25.45 / 16** | **ALIZA GUTTMAN**
60 NORTH 1 STREET
Brooklyn NY 11249 | **E DESIGNATION**

BBL:	3023780014	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2378
E-Designation Date:	12/20/2018	**Tax Lot:**	14
Year Built:	1950	**X Coordinate:**	994043
Lot Area:	10000	**Y Coordinate:**	200296
Land Use:	5		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Extension Desc:
Proximity Code: 0
Proximity Desc: Not Available
Lot Type: 5
Lot Type Desc: Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.
Basement Code: 0
Basement Desc: None/No Basement

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

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50 | **1 of 1** | **NE** | **0.08 / 430.33** | **6.28 / -3** | **City Parking Linc Garage - Tesla Destination**
62 Northside Piers
Brooklyn NY 11249 | **ALT FUELS**

ID: 114909
Federal Agency ID:
Federal Agency:
Fed Agency Name:
Status: Open: The station is open.
Facility Type: PAY_GARAGE
Fuel Type Code: ELEC: Electric
Owner Type Desc: Privately owned
Expected Date:
Dt Last Confirmed: 2019-05-09
Open Date: 2017-09-01
Updated at: 2019-05-14 21:16:45 UTC
BD Blends:
NG PSI:
NG Fill Type Code:
NG Fill Type Desc:
NG Vehicle Class:
NG Vehicle Class Desc:
E85 Blender Pump:
E85 Blender Pump Desc:
E85 Other Ethanol Blends:
EV Pricing: Free
EV Pricing French:
LPG Primary:
LPG Primary Desc:
Intersection Directions:
Geocode Status Desc: Address level accuracy.
Hydrogen Status Link:

CNG Dispenser No:
CNG Fill Type Code:
CNG Site Renew Src:
CNG PSI:
CNG Storage Cap:
CNG Tot Compr Cap:
CNG Vehicle Class:
LPG Nozzle Types:
LNG Site Renew Src:
LNG Vehicle Class:
Hydrogen is Retail:
Hydrogen Pressures:
Hydrogen Standards:
Station Phone: 718-963-7048 877-798-3752
Latitude: 40.71955
Longitude: -73.96413

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51 | **1 of 1** | **ESE** | **0.08 / 446.38** | **21.55 / 12** | **JENSEN WILLIAM**
79 METROPOLITAN AVENUE
Brooklyn NY 11249 | **E DESIGNATION**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

BBL:	3023570024	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2357
E-Designation Date:	12/20/2018	**Tax Lot:**	24
Year Built:	1960	**X Coordinate:**	994298
Lot Area:	2269	**Y Coordinate:**	200595
Land Use:	5		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	0		
Proximity Desc:	Not Available		
Lot Type:	5		
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.		
Basement Code:	0		
Basement Desc:	None/No Basement		

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date:	5/11/2005
Lot Remediation Date:	
Satisfaction Date:	
Application No:	050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

52	*1 of 1*	*SE*	*0.09 / 451.44*	*24.47 / 15*	***UNICO TRUCK REPAIR CORNER INC.*** ***274 WYTHE AVENUE*** ***BROOKLYN NY 11205***	***AST***

Site ID:	28827	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-606972	**UTM X:**	587554.17244
Program Type Code:	PBS	**UTM Y:**	4507772.33578
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Other		

Tank Information

Prog No:	2-606972	**UDC Ind:**	1
Tank ID:	62118	**Red Tag Start Date:**	
Tank No:	1T	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:	2001-03-01 00:00:00	**Next Line Test Due:**	
Close Date:	2006-10-27 00:00:00	**Line Test Method:**	
Capacity (Gal):	250	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	

Registered: True
Modified by: NRLOMBAR
Tank Model:
Last Modified: 2017-04-14 14:30:47.863000000
Pipe Model:
Tank Location: 3
Tank Location Desc: Aboveground on saddles, legs, stilts, rack or cradle
Category: 2
Category Desc: Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0022
Material Name: waste oil/used oil
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: G01
Code Name: Diking (Aboveground)
Type: Tank Secondary Containment

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: F00
Code Name: None
Type: Pipe External Protection

Affiliation Information

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: UNICO TRUCK REPAIR CORNER INC.
Contact Title:
Contact Name: MR. ZANCO
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 599-3999
Phone Ext:
Email:
Fax:
Modified By: NRLOMBAR
Last Modified: 2006-12-01 15:55:03.390000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: QUAY CONSULTING LLC
Contact Title:
Contact Name: NICHOLAS MANN
Address1: 234 SOUTH BROADWAY
Address2:
City: NYACK
State: NY
Zip Code: 10960
Country Code: 001
Phone: (845) 721-0284
Phone Ext:
Email: NM@QUAYLLC.COM
Fax:
Modified By: NRLOMBAR
Last Modified: 2008-01-15 16:17:22.083000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: STEINER WILLIAMSBURG LLC
Contact Title: MEMBER
Contact Name: MR. S. STERN
Address1: 15 WASHINGTON AVE
Address2:
City: BROOKLYN
State: NY
Zip Code: 11205
Country Code: 001
Phone: (718) 858-1600
Phone Ext:
Email:
Fax:
Modified By: NRLOMBAR
Last Modified: 2006-12-01 15:55:03.403000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: STEINER WILLIAMSBURG LLC
Contact Title:
Contact Name:
Address1:
Address2:
City:
State: NN
Zip Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Country Code: 999
Phone:
Phone Ext:
Email:
Fax:
Modified By: NRLOMBAR
Last Modified: 2006-12-01 15:55:03.403000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
53	1 of 6	NE	0.09 / 456.18	9.68 / 0	CONSOLIDATED EDISON 164 KENT AVE V61626328 & CHAM BROOKLYN NY 11201	GEN MANIFEST

RCRA ID: NYP004093993
Mailing Street 1: 4 IRVING PLACE RM 828
District Name: CONSOLIDATED EDISON
Mailing Street 2:
Business Phone No: 2124602808
Mailing City: NEW YORK
Contact Name: FRANKLIN MURRAY
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

B002: (Wastes containing polychlorinated biphenyls (PCBs)) Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers, and cable.

Waste Amounts By Year:

2001: 182 Kilograms; 6173 Kilograms

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
53	2 of 6	NE	0.09 / 456.18	9.68 / 0	WILLIAMSBURG BUILDERS LLC C/O RD MGMT 164 KENT AVENUE BROOKLYN NY 11211	GEN MANIFEST

RCRA ID: NYR000148247
Mailing Street 1: 810 7th AVE 28th FLOOR
District Name: WILLIAMSBURG BUILDERS LLC C/O RD MGMT
Mailing Street 2:
Business Phone No: 2122656600
Mailing City: NEW YORK
Contact Name: WILLIAMSBURG BUILDERS LLC C/O RD MGMT
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10019
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2007: 55880 Pounds; 56100 Pounds; 44060 Pounds; 58640 Pounds; 55920 Pounds; 54720 Pounds; 48100 Pounds

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53 | ***3 of 6*** | ***NE*** | ***0.09 / 456.18*** | ***9.68 / 0*** | ***WILLIAMSBURG BUILDERS***
164 KENT AVENUE
BROOKLYN NY 11211 | ***RCRA LQG***

EPA Handler ID:	NYR000148247
Gen Status Universe:	Large Quantity Generator
Contact Name:	ALFRED ROSSI
Contact Address:	
Contact Phone No and Ext:	212-265-8600
Contact Email:	AROSSI@RDMANAGEMENT.COM
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20080229

Violation/Evaluation Summary

Note:	NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date:	20080414
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20070724
Handler Name:	WILLIAMSBURG BUILDERS LLC C/O RD MGMT
Generator Status Universe:	Large Quantity Generator
Source Type:	Implementer

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sequence No: 1
Receive Date: 20070725
Handler Name: WILLIAMSBURG BUILDERS LLC C/O RD MGMT
Generator Status Universe: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20080229
Handler Name: WILLIAMSBURG BUILDERS
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: KENT AVENUE PROPERTY 2 LLC
Date Became Current: 20051231
Date Ended Current:
Phone:
Source Type: Notification
Street No: 810
Street 1: 7TH AVE 28TH FLOOR
Street 2:
City: NEW YORK
State: NY
Country: US
Zip Code: 10019

Owner/Operator Ind: Current Owner
Type: Private
Name: KENT AVENUE, PROPERTY 2 LLC. C/O RD MANA
Date Became Current: 20051231
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No: 810
Street 1: 7TH AVENUE
Street 2: 28TH FLOOR
City: NEW YORK
State: NY
Country: US
Zip Code: 10019

Owner/Operator Ind: Current Operator
Type: Private
Name: WILLIAMSBURG BUILDERS LLC
Date Became Current: 20051231
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: WILLIAMSBURG BUILDERS, LLC.
Date Became Current: 20051231
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No: 810
Street 1: 7TH AVENUE
Street 2: 28TH FLOOR
City: NEW YORK
State: NY
Country: US
Zip Code: 10019

53	4 of 6	NE	0.09 / 456.18	9.68 / 0	CON EDISION - V6162/6328 164 KENT AVENUE 164 KENT AVENU BROOKLYN NY 10003	RCRA NON GEN

EPA Handler ID:	NYP004093993
Gen Status Universe:	No Report
Contact Name:	ANTHONY DRUMMINGS
Contact Address:	4 , IRVING PLACE , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20020602

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20020531
Handler Name:	CON EDISION - V6162/6328
Generator Status Universe:	No Report
Source Type:	Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20020601
Handler Name:	CON EDISION - V6162/6328
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20020602
Handler Name:	CON EDISION - V6162/6328
Generator Status Universe:	No Report
Source Type:	Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
53	5 of 6	NE	0.09 / 456.18	9.68 / 0	VAULT 6162 IFO 164 KENT AVE	NY SPILLS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					BROOKLYN NY	

Spill No:	0109089	**Spill Date:**	2001-12-12 17:45:00
Site ID:	88050	**Rcvd Date:**	2001-12-13 10:47:00
DER Facility ID:	80601	**CAC Date:**	
CID:	205	**Insp Date:**	
Program Type:	ER	**Close Date:**	2002-02-19 00:00:00
SWIS Code:	2401	**Create Date:**	2001-12-13 00:00:00
Contribute Factor:	Equipment Failure	**Update Date:**	2002-02-19 00:00:00
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	KMFOLEY
Class:	C4	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

6 PINTS IN VAULT. CON ED #140577. ON 400 GALLONS WATER. CLEANUP TO BE DONE.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY Con Ed e2mis #140577 Notes: 12-11-01 2 pints unknown oil on 400gal water in vault. On feeder 6B44. Failed pressure test. Historical records indicate 19ppm from 12/9/99. Also found unit 24 below minimum. Checked adjacent vaults and found 2 pints unknown oil on 400gal water. Pressure tested unit and held pressure. Historical records from 2/26/01 indicate 45ppm PCB. There is a splicing chamber adjacent to V6328 which also has 2 pints of unknown oil on 400gal water. 3 samples to be taken for PCBs from all structures. 12-12-01 Checked records for sewer connections and found no sewer connections. 12-13-01 3 samples taken. Results are as follows: Vault 6328- 20ppm. Crab compartment-20ppm. Vault 6162-14ppm. Env. Ops. mechanic reports removed all liquids with tanker and double washed structures with slix. All three structures had cemented sumps. Cleanup completed pending Networks scheduled removal of VS6162.

Spiller Information

Spiller Name:	SAME	**Spiller Zip:**	-
Spiller Company:	CON ED	**Spiller Country:**	001
Spiller Address:	4 IRVING PLACE	**Contact Name:**	CALLER
Spiller City:	MANHATTAN	**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.719196200		
Longitude:	-73.963012940		

Material Information

OP Unit ID:	846491	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	530303	**Med GW:**	False
Material Code:	0020A	**Med SW:**	False
Material Name:	transformer oil	**Med DW:**	False
CAS No:		**Med Sewer:**	True
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	1.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

53	6 of 6	NE	0.09 / 456.18	9.68 / 0	CONSTRUCITON SITE 164 KENT AVE BROOKLYN NY	NY SPILLS

Spill No:	0608536	**Spill Date:**	2006-10-24 17:00:00
Site ID:	372531	**Rcvd Date:**	2006-10-25 14:53:00
DER Facility ID:	322270	**CAC Date:**	
CID:	406	**Insp Date:**	
Program Type:	ER	**Close Date:**	2006-10-26 00:00:00
SWIS Code:	2401	**Create Date:**	2006-10-25 15:04:00
Contribute Factor:	Equipment Failure	**Update Date:**	2006-10-26 09:11:29.513000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Water Body:		**DEC Region:**	2
Source:	Commercial Vehicle	**Lead DEC:**	SMSANGES
Class:	C4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:		**County:**	Kings
REM Phase:	0	**After Hours:**	
UST Trust:			
Caller Remark:			

ruptured fuel line on a truck. Clean up is completed... used speedy dry and removed surface soil.

DEC Remark:

minor spill from vehicle

Spiller Information

Spiller Name:	MARK MATHASON	**Spiller Zip:**	08832
Spiller Company:	NICHOLAS TRANSPORT	**Spiller Country:**	001
Spiller Address:	19A CROWS MILL RD.	**Contact Name:**	MARK GODICK
Spiller City:	KEASBEY	**Contact Phone:**	(914) 922-2356
Spiller State:	NJ	**Contact Ext:**	
Latitude:	40.719254000		
Longitude:	-73.962985000		

Material Information

OP Unit ID:	1130269	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2119942	**Med GW:**	False
Material Code:	0008	**Med SW:**	False
Material Name:	diesel	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	5.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	5.00	**Oxygenate:**	
Med Soil:	True		

54	1 of 1	SSE	0.09 / 457.32	25.76 / 16	OLIVE TREE BRANCHES, 55 GRAND STREET Brooklyn NY 11249	E DESIGNATION

BBL:	3023780035	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2378
E-Designation Date:	12/20/2018	**Tax Lot:**	35
Year Built:	2017	**X Coordinate:**	993931
Lot Area:	3131	**Y Coordinate:**	200206
Land Use:	2		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	3		
Proximity Desc:	Attached		
Lot Type:	5		
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.		
Basement Code:	2		
Basement Desc:	Full Basement that is Below Grade (The basement is 75% or more of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

55	1 of 1	S	0.09 / 460.32	20.98 / 12	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN NY 11211	UST

Site ID: 11636
Site Status: Unregulated/Closed
Program No: 2-273465
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Unknown
Expiry:
County: Kings
UTM X: 587323.52127
UTM Y: 4507732.18026

Tank Information

Prog No: 2-273465
Tank ID: 40577
Tank No: 006
Tank Status: 6
Tank Status Desc: Closed Prior to 03/1991
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
Close Date:
Capacity (Gal): 550
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method:
Modified by: TRANSLAT
Last Modified: 2017-04-14 14:30:47.863000000

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Tank Information

Prog No:	2-273465	***UDC Ind:***	1
Tank ID:	40576	***Red Tag Start Date:***	
Tank No:	005	***Red Tag End Date:***	
Tank Status:	6	***Tank Last Test:***	
Tank Status Desc:	Closed Prior to 03/1991	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:		***Line Last Test Due:***	
Capacity (Gal):	550	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	TRANSLAT
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 9999
Material Name: other
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: I00
Code Name: None
Type: Overfill

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Tank Information

Prog No:	2-273465	***UDC Ind:***	1
Tank ID:	40574	***Red Tag Start Date:***	
Tank No:	003	***Red Tag End Date:***	
Tank Status:	6	***Tank Last Test:***	
Tank Status Desc:	Closed Prior to 03/1991	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:		***Line Last Test Due:***	
Capacity (Gal):	550	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	TRANSLAT
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:

Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Tank Information

Prog No:	2-273465	***UDC Ind:***	1
Tank ID:	40575	***Red Tag Start Date:***	
Tank No:	004	***Red Tag End Date:***	
Tank Status:	6	***Tank Last Test:***	
Tank Status Desc:	Closed Prior to 03/1991	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:		***Line Last Test Due:***	
Capacity (Gal):	550	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	TRANSLAT
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		

Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 9999
Material Name: other
Percent: 100.00

Equipment Information

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: I00
Code Name: None
Type: Overfill

Tank Information

Prog No: 2-273465
Tank ID: 40572
Tank No: 001
Tank Status: 6
Tank Status Desc: Closed Prior to 03/1991
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
Close Date:
Capacity (Gal): 550

UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:

Tk Out of Serv Dt: ***Line Test Method:***
Registered: True ***Modified by:*** TRANSLAT
Tank Model: ***Last Modified:*** 2017-04-14 14:30:47.863000000
Pipe Model:
Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0009
Material Name: gasoline
Percent: 100.00

Equipment Information

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: I00
Code Name: None
Type: Overfill

Tank Information

Prog No: 2-273465 ***UDC Ind:*** 1
Tank ID: 40573 ***Red Tag Start Date:***
Tank No: 002 ***Red Tag End Date:***
Tank Status: 6 ***Tank Last Test:***

Tank Status Desc:	Closed Prior to 03/1991	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:		***Line Last Test Due:***	
Capacity (Gal):	550	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	TRANSLAT
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0009
Material Name: gasoline
Percent: 100.00

Equipment Information

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Affiliation Information

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: KENT ASSOCIATES
Contact Title:
Contact Name: ARTHUR F GREEN
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 963-2233
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:25:18.467000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: KENT ASSOCIATES
Contact Title:
Contact Name: ARTHUR F GREEN
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 963-2233
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:25:18.467000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: ZZZ
Company: KENT ASSOCIATES
Contact Title:
Contact Name:
Address1: 259 KENT AVENUE
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 963-2233
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:25:18.467000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: KENT ASSOCIATES
Contact Title:
Contact Name:
Address1: 259 KENT AVENUE
Address2:
City: BROOKLYN
State: NY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Zip Code:	11211
Country Code:	001
Phone:	(718) 963-2233
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:25:18.467000000

56 | **1 of 1** | **E** | **0.09 / 463.99** | **16.41 / 7** | **VACANT LOT 157 KENT AVE BROOKLYN NY** | **NY SPILLS**

Spill No:	0802695	**Spill Date:**	2008-06-09 13:39:00
Site ID:	398858	**Rcvd Date:**	2008-06-09 13:39:00
DER Facility ID:	348200	**CAC Date:**	
CID:	444	**Insp Date:**	
Program Type:	ER	**Close Date:**	2013-07-16 00:00:00
SWIS Code:	2401	**Create Date:**	2008-06-09 13:54:00
Contribute Factor:	Other	**Update Date:**	2013-07-16 13:41:04.190000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	SFRAHMAN
Class:	C4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:			
Caller Remark:			

DURING SOIL BORINGS FOUND CONTAMINATED SOIL :

DEC Remark:

Sangesland spoke to Hardik Parekh at EEA Inc. He said the site is a vacant lot CSL sent to owner: Joe Matarese, 484 Union Ave, Brooklyn, NY 11211 EEA forwarded to DEC a copy of the Phase 2 report (see E-Docs) Case reassigned from Sangesland to Ahmed 10/27/11 - Austin - Spill Transferred from Ahmed to Rahman - end 07/16/13- Closure report in edocs.Summary from closure report: No VOCs were detected in the soil or ground water.A vapor barrier 20 mil HDPE was installed below the slab of the cellar and behind all foundation walls. A total of approx. 4764.38 tons of non hazardous soil was transported to the Clean Earth of NJ.In accordance with the RAP, EBC collected endpoint soil samples from across the Site from the final excavation needed for the new building's basement. Endpoint soil samples were collected at the approximate rate of one endpoint sample per 900 ft2 of excavation base as excavation within each section was completed. As shown in Figure 6, the Site was divided into five zones with the acronyms A, B, C, D, and E. From each of the five zones, EBC collected five endpoint samples. The samples were labeled A1, A2, A3, A4, A5, etc. The endpoint samples collected from Zones A, B and C were analyzed for SVOCs (8270) and metals, and the endpoint samples collected from Zones D and E were analyzed for VOCs, SVOCs,pesticides/PCBs, and metals. A copy of each of the laboratory reports for the endpoint soil samples is attached in Appendix E and the results are summarized in Table 1 - Volatile Organic Compounds,Table 2 - Semi-Volatile Compounds, Table 3 - Pesticides/PCBs, and Table 4 - Metals. No SVOCs were detected within any of the 25 endpoint samples at a concentration above NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (SCOs). No metals were detected above Unrestricted Use SCOs within 22 of the 25 endpoint samples. Two of the endpoint samples in Zone B contained chromium at a concentration slightly above Unrestricted Use SCOs, but well below Restricted Residential SCOs. Zinc was detected slightly above Unrestricted Use SCOs within one soil sample collected from Zone A. Soil disturbance and intrusive activities were completed in accordance with the procedures outlined in the site specific CHASP and RAP approved by the NYCDEP in June 2008. No surface soils and/or fill were utilized for backfilling or grading purposes. NFA required.(sr)

Spiller Information

Spiller Name:	HARDIK PAREKH	**Spiller Zip:**	
Spiller Company:	VACANT LOT	**Spiller Country:**	001
Spiller Address:	157 KENT AVE	**Contact Name:**	HARDIK PAREKH
Spiller City:	BROOKLYN	**Contact Phone:**	(518) 746-4400
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.718608000		
Longitude:	-73.963442000		

Material Information

OP Unit ID:	1155726	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2146608	**Med GW:**	False

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Material Code:	0009	**Med SW:**	False
Material Name:	gasoline	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
57	1 of 1	ESE	0.09 / 485.57	22.47 / 13	CHINA BUILDING LLC 83 METROPOLITAN AVENUE Brooklyn NY 11249	E DESIGNATION

BBL:	3023570022	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2357
E-Designation Date:	12/20/2018	**Tax Lot:**	22
Year Built:	1950	**X Coordinate:**	994329
Lot Area:	4508	**Y Coordinate:**	200571

Land Use: 4
Land Use Desc:
Owner Type:
Owner Type Desc:
Area Source: 2
Area Source Desc: Department of Finance's RPAD File
Extension Code:
Extension Desc:
Proximity Code: 2
Proximity Desc: Semi-Attached
Lot Type: 5
Lot Type Desc: Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.
Basement Code: 4
Basement Desc: Partial Basement that is Below Grade (The basement is between 25% and 75% of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	1 of 1	ENE	0.10 / 506.02	13.50 / 4	FNW REALTY 151 KENT AVENUE BROOKLYN NY 11211	AST

Site ID:	1323	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-064165	**UTM X:**	587611.69122
Program Type Code:	PBS	**UTM Y:**	4508076.49506
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Unknown		

Tank Information

Prog No:	2-064165	***UDC Ind:***	1
Tank ID:	5409	***Red Tag Start Date:***	
Tank No:	293	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Line Last Test Due:***	
Install Date:	1957-12-01 00:00:00	***Next Line Test Due:***	
Close Date:	1957-12-01 00:00:00	***Line Test Method:***	
Capacity (Gal):	5000	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	TRANSLAT
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 3
Tank Location Desc: Aboveground on saddles, legs, stilts, rack or cradle
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: G99
Code Name: Other
Type: Tank Secondary Containment

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: J00

Code Name: None
Type: Dispenser

Affiliation Information

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: FNW REALTY
Contact Title:
Contact Name: MOR WEISS
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 851-8606
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:23:15.403000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: MOR WEISS
Contact Title:
Contact Name: MOR WEISS
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 851-8606
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:23:15.403000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: ZZZ
Company: MOR WEISS
Contact Title:
Contact Name:
Address1: 1651 50TH ST
Address2:
City: BROOKLYN
State: NY
Zip Code: 11204
Country Code: 001
Phone: (718) 851-8606
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:23:15.403000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: MOR WEISS
Contact Title:
Contact Name:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Address1:	1651 50TH ST
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11204
Country Code:	001
Phone:	(718) 851-8606
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:23:15.403000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
59	1 of 1	SSE	0.10 / 508.32	27.04 / 18	69 GRAND REALTY LLC 69 GRAND STREET Brooklyn NY 11249	E DESIGNATION

BBL:	3023780029	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2378
E-Designation Date:	12/20/2018	**Tax Lot:**	29
Year Built:	1960	**X Coordinate:**	994020
Lot Area:	8230	**Y Coordinate:**	200166
Land Use:	5		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	3		
Proximity Desc:	Attached		
Lot Type:	5		
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.		
Basement Code:	0		
Basement Desc:	None/No Basement		

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date:	5/11/2005
Lot Remediation Date:	
Satisfaction Date:	
Application No:	050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
60	1 of 4	S	0.10 / 513.27	21.78 / 12	Radiac Research 261 Kent Ave Brooklyn NY 11211	ERP

Site Code:	58265	**Site Code (GIS):**	224021
HW Code:	224021	**Site Class (GIS):**	N
Site Class:	N	**Address1 (GIS):**	261 Kent Ave
Site Address:	261 Kent Ave	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ZIP:	11211	**ZIP Code (GIS):**	11211
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587332.39600
Acres:	0.280	**Y Coord (GIS):**	4507718.72900
Record Added:	1999-11-18 12:00:00	**Method:**	4.3
Record Update:	2017-12-04 08:54:00	**Accuracy:**	0 to 10 meters
Updated by:	DJEVANS	**Latitude:**	40.715761487
Latitude (GIS):	40.7157614930302	**Longitude:**	-73.966021396
Longitude (GIS):	-73.9660213961349		

Site Name: Radiac Research

Site Name (GIS): Radiac Research

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Program: RCRA

Program Desc: RCRA

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The Radiac Research Site is an approximately 0.28 acre site located in an urban area. Site Features: The Radiac Research Corporation (Radiac) facility occupies several adjoining buildings which front on South First Street and Kent Avenue in the Williamsburg section of Brooklyn, New York. Kent Avenue is a heavily traveled street which parallels the East River less than one block west. The site is relatively flat and surrounded by adjacent buildings. The Radiac hazardous waste storage facility fronts at 33 South First Street, and is used as a 10 day transfer facility. It extends into the block northward where it adjoins through two doors, a low-level radioactive waste storage facility also operated by Radiac which fronts at 261 Kent Avenue. The 259 Kent Avenue property is used for office and equipment storage. Current Zoning and Land Use: The site is currently active, and is zoned M3-1. Surrounding parcels are currently used for manufacturing and residential use. Past Use of Site: Radiac transports containers (e.g., drums) of hazardous waste from off-site generators to its hazardous waste facility for short term storage prior to subsequent shipment to authorized recycling, treatment and disposal facilities. Hazardous waste is not generated (except wastes created while sampling and characterizing the wastes received for storage at the facility), treated or disposed at the Radiac facility. The majority of the wastes stored at the facility are in lab-packed containers (smaller

inner containers packed with vermiculite in larger 55 gallon steel outer container). The company provides transportation and waste management services to generators many of which are located in the New York metropolitan area, including schools, laboratories, medical facilities and industrial companies. No explosives, military munitions or infectious wastes are stored at the facility. The facility has been in continuous operation as a hazardous waste storage facility since 1977. The facility previously operated under a Part 373 Permit. The Permit was subsequently modified on September 28, 1993. The facility submitted an application for permit renewal and was going through the permit renewal process when it decided to withdraw its application in 2005. A RCRA Facility Assessment was completed in December 2000. The facility went through the RCRA closure process in 2005. Closure was approved in by DEC in December 2005 with no further action required. The facility now operates mostly in the same manner it did as a permitted facility with exception that it may now only store hazardous wastes for 10 days or less as regulated by Federal Department of Transportation. Site Geology and Hydrogeology: Detailed environmental data for geology and hydrogeology have not been collected for this site. However, investigation from nearby sites indicate that the site could have historic fill up to a depth of approximately 15 feet, underlain by surficial glacial deposits. USGS reports indicate the depth of the bedrock is expected to be approximatively 100 feet below ground surface (fbsg). Based on the local topography and surrounding sites, groundwater occurs at depths approximately 5 to 10fbgs, and flow would be to the W-NW towards the East River.

Assessment:

Environmental Assessment: Review of work conducted in accordance with the facility's previous hazardous waste management permit concluded that there were no releases from Solid Waste Management units (SWMUs) or Areas Of Concern (AOC) that require RCRA corrective action investigation or corrective measures. No releases to groundwater or soil were indicated.

Owner Information

Seq No:	0000001	***Owner Street:***	261 Kent Ave
Sub Type:	E	***Owner Street 2:***	
Own Op:	01	***Owner City:***	Brooklyn
Owner Name:	John V Tekin Jr.	***Owner State:***	NY
Owner Company:	Radiac Research Corporation	***Owner Zip:***	11249
Country:	United States of America		

60	2 of 4	S	0.10 / 513.27	21.78 / 12	D61 KENT AVE. BKLYN/RADIA 261 KENT AVE. NEW YORK CITY NY	LST

Spill No:	8605975	***Spill Date:***	1986-12-19 15:00:00
Site ID:	211204	***Rcvd Date:***	1986-12-20 10:10:00
DER Facility ID:	175066	***CAC Date:***	1987-08-05 00:00:00
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	1987-08-05 00:00:00
SWIS Code:	2401	***Create Date:***	1987-01-08 00:00:00
Contribute Factor:	Tank Test Failure	***Update Date:***	1987-09-02 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	UNASSIGNED
Class:		***Reported by:***	Responsible Party
Meets Std:	True	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	True		
Caller Remark:			

TANK TEST FAILURE -AIR PRESSURE TEST

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	RADIAC RESEARCH	***Spiller Country:***	001
Spiller Address:	261 KENT AVE.	***Contact Name:***	
Spiller City:	BROOKLYN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.715800000		
Longitude:	-73.966195000		

Material Information

OP Unit ID:	903342	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	475115	***Med GW:***	True
Material Code:	0008	***Med SW:***	False
Material Name:	diesel	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	-1.00	***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

Tank Test Information

Spill Tank ID:	1530460	***Source:***	
Tank No:		***Leak Rate:***	.00
Tank SIze:	0	***Gross Fail:***	
Material:	0008	***Modified by:***	Spills
EPA UST:		***Last Modified:***	2004-10-01 04:00:45.140000000
UST:		***Test Method:***	00
Cause:		***Alt Test Method:***	Unknown

60	***3 of 4***	***S***	***0.10 / 513.27***	***21.78 / 12***	***RADIAC RESEARCH CORP 261 KENT AVE BROOKLYN NY 11211***	***REC MANIFEST***

RCRA ID:	NYD986902138
Mailing Street 1:	261 KENT AVE
District Name:	RADIAC RESEARCH CORP
Mailing Street 2:	
Business Phone No:	7189632233
Mailing City:	BROOKLYN
Contact Name:	FRANCIS MCKENNA JR
Mailing State:	NY
Mailing Zip:	11211
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

2002: 1600 Pounds; 20 Pounds; 50 Pounds; 40 Pounds
2004: 72 Pounds; 200 Pounds; 5 Pounds; 9 Pounds; 30 Pounds; 400 Pounds

Manifest Information

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

2002: 50 Pounds; 50 Pounds
2004: 40 Pounds; 176 Pounds; 100 Pounds

Manifest Information

Waste Code(s):

D003: REACTIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

2004: 65 Pounds

Manifest Information

Waste Code(s):

D006: CADMIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

2002: 100 Pounds

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

2002: 3000 Pounds

Manifest Information

Waste Code(s):

P075: (154-11-5) Pyridine, 3-(1-methyl- 2-pyrrolidinyl)-, (S)-, & salts

Waste Received By Year:

2004: 160 Pounds

Manifest Information

Waste Code(s):

U188: (108-95-2) Phenol

Waste Received By Year:

2002: 160 Pounds
2004: 80 Pounds

Manifest Information

Waste Code(s):

D009: MERCURY (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

2004: 5 Pounds

Manifest Information

Waste Code(s):

D022: CHLOROFORM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

2002: 200 Pounds

Manifest Information

Waste Code(s):

F002: (Generic) The following spent halogenated solvents: tetrachloro-ethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2- trifluoroethane, orthodichlorobenzene, trichlorofluoromethane and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004 or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

Waste Received By Year:

2002: 1280 Pounds; 50 Pounds
2004: 80 Pounds

Manifest Information

Waste Code(s):

F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

Waste Received By Year:

2002: 400 Pounds; 120 Pounds; 150 Pounds; 50 Pounds
2003: 370 Pounds
2004: 160 Pounds; 250 Pounds; 31 Pounds; 208 Pounds; 240 Pounds; 160 Pounds; 120 Pounds; 160 Pounds; 83 Pounds; 120 Pounds

Manifest Information

Waste Code(s):

D011: SILVER (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

2004: 4 Pounds

60	*4 of 4*	*S*	*0.10 / 513.27*	*21.78 / 12*	***RADIAC RESEARCH CORP*** ***261 KENT AVE*** ***BROOKLYN NY 11211***	***RCRA NON GEN***

EPA Handler ID:	NYD986902138
Gen Status Universe:	No Report
Contact Name:	FRANCIS J MCKENNA JR
Contact Address:	261 , KENT AVE , , BROOKLYN , NY, 11211 , US

Contact Phone No and Ext: 718-963-2233
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type:
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900606
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060101
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070101
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: JOHN V TEKIN, ELLERY K FOLEY, A F GREEN
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: JOHN V TEKIN, ELLERY K FOLEY, A F GREEN
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: JOHN V TEKIN, ELLERY K FOLEY, A F GREEN
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country:
Zip Code: 99999

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61 | **1 of 9** | **E** | **0.10 / 521.29** | **19.81 / 10** | **R.E. HOLDING CO.**
63 NORTH 3RD STREET
BROOKLYN NY 11211 | **AST**

Site ID: 30238
Site Status: Unregulated/Closed
Program No: 2-608386
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Apartment Building/Office Building
Expiry:
County: Kings
UTM X: 587545.17243
UTM Y: 4507937.78670

Tank Information

Prog No: 2-608386
Tank ID: 65109
Tank No: 001
Tank Status: 4
Tank Status Desc: Closed - In Place
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date: 1975-01-15 00:00:00
Close Date: 2009-03-10 00:00:00
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Line Last Test Due:
Next Line Test Due:
Line Test Method:

Capacity (Gal):	11000	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	NRLOMBAR
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 6
Tank Location Desc: Aboveground in Subterranean Vault w/ access for inspections
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: G02
Code Name: Vault (w/access)
Type: Tank Secondary Containment

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: I00
Code Name: None
Type: Overfill

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Affiliation Information

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: EUGEN LEFKOWITZ
Contact Title: MGR

Contact Name:	ISAAC LEFKOWITZ
Address1:	1337 55TH ST.
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 851-4503
Phone Ext:	
Email:	
Fax:	
Modified By:	msbaptis
Last Modified:	2008-02-11 10:07:28.317000000
Affiliation Type:	11
Affiliation Name:	Emergency Contact
Affiliation Sub Type:	NNN
Company:	EUGEN LEFKOWITZ
Contact Title:	
Contact Name:	ISAAC LEFKOWITZ
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	999
Phone:	(718) 387-5025
Phone Ext:	
Email:	
Fax:	
Modified By:	NRLOMBAR
Last Modified:	2009-03-17 11:08:42.130000000
Affiliation Type:	07
Affiliation Name:	Mail Contact
Affiliation Sub Type:	NNN
Company:	H.P. MORGAN LLC
Contact Title:	
Contact Name:	ISAAC LEFKOWITZ
Address1:	63 NORTH 3RD STREET
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 387-5025
Phone Ext:	
Email:	
Fax:	
Modified By:	msbaptis
Last Modified:	2008-02-11 10:07:28.333000000
Affiliation Type:	04
Affiliation Name:	Facility Operator
Affiliation Sub Type:	NNN
Company:	R.E. HOLDING CO.
Contact Title:	
Contact Name:	ISAAC LEFKOWITZ
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(718) 387-5025
Phone Ext:	
Email:	
Fax:	
Modified By:	NRLOMBAR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Last Modified:		2009-03-17 11:08:42.130000000				

61	2 of 9	E	0.10 / 521.29	19.81 / 10	COUGAR ELECTRONICS 240 WYTHE AVE BROOKLYN NY 11211	GEN MANIFEST

RCRA ID: NYD044474955
Mailing Street 1: 240 WYTHE AVENUE
District Name: COUGAR ELECTRONICS
Mailing Street 2:
Business Phone No: 2127825841
Mailing City: BROOKLYN
Contact Name: COUGAR ELECTRONICS
Mailing State: NY
Location Zip Extension:
Mailing Zip: 11211
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1987: 605 Gallons

61	3 of 9	E	0.10 / 521.29	19.81 / 10	CONSOLIDATED EDISON 242 WYTHE AVE BROOKLYN NY 11201	GEN MANIFEST

RCRA ID: NYP004158119
Mailing Street 1: 4 IRVING PLACE RM 828
District Name: CONSOLIDATED EDISON
Mailing Street 2:
Business Phone No: 2124602808
Mailing City: NEW YORK
Contact Name: FRANKLYN MURRAY
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

B003: (Wastes containing polychlorinated biphenyls (PCBs)) Petroleum oil or other liquid containing 500 ppm or greater of PCBs.

Waste Amounts By Year:

2008: 5764 Kilograms

61	4 of 9	E	0.10 / 521.29	19.81 / 10	CONSOLIDATED EDISON 242 WYTHE AVE BROOKLYN NY 11201	GEN MANIFEST

RCRA ID:	NYP004245213
Mailing Street 1:	4 IRVING PLACE ROOM 828
District Name:	CONSOLIDATED EDISON
Mailing Street 2:	
Business Phone No:	2124603770
Mailing City:	NEW YORK
Contact Name:	CONSOLIDATED EDISON
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

B002: (Wastes containing polychlorinated biphenyls (PCBs)) Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers, and cable.

Waste Amounts By Year:

2011: 2718 Kilograms

61	***5 of 9***	***E***	***0.10 / 521.29***	***19.81 / 10***	***COUGAR ELECTRONICS CORP 240 WYTHE AVE BROOKLYN NY 11211-3121***	***RCRA NON GEN***

EPA Handler ID:	NYD044474955
Gen Status Universe:	No Report
Contact Name:	
Contact Address:	240 , WYTHE AVE , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20070101

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date:	19921207
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	EPA

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No

Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19861205
Handler Name:	COUGAR ELECTRONICS CORP
Generator Status Universe:	No Report
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	F006
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19990708
Handler Name:	COUGAR ELECTRONICS CORP
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20060101
Handler Name:	COUGAR ELECTRONICS CORP
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	3
Receive Date:	20070101
Handler Name:	COUGAR ELECTRONICS CORP
Generator Status Universe:	No Report
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	COUGAR ELECTRONICS	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	WY
Phone:	212-555-1212	***Country:***	US
Source Type:	Implementer	***Zip Code:***	99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	COUGAR ELECTRONICS	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	COUGAR ELECTRONICS	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	US
Source Type:	Implementer	**Zip Code:**	99999

61	6 of 9	E	0.10 / 521.29	19.81 / 10	CON EDISON VAULT V2803 242 WYTHE AVE FRONT OF BROOKLYN NY 11201	RCRA NON GEN

EPA Handler ID:	NYP004241428
Gen Status Universe:	No Report
Contact Name:	WILLIAM HOUSE
Contact Address:	
Contact Phone No and Ext:	718-802-5194
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20111005

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20110905
Handler Name:	CON EDISON VAULT V2803
Generator Status Universe:	No Report
Source Type:	Emergency

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20111005
Handler Name: CON EDISON VAULT V2803
Generator Status Universe: No Report
Source Type: Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
61	7 of 9	E	0.10 / 521.29	19.81 / 10	CON EDISON VAULT 2803 242 WYTHE AVE BROOKLYN NY 11201	RCRA NON GEN

EPA Handler ID: NYP004245213
Gen Status Universe: No Report
Contact Name: DOMINICK TURITTO
Contact Address:
Contact Phone No and Ext: 718-802-5194
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20120108

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20111209
Handler Name: CON EDISON VAULT 2803
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20120108
Handler Name: CON EDISON VAULT 2803
Generator Status Universe: No Report
Source Type: Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20120306
Handler Name:	CON EDISON - VAULT 2803
Generator Status Universe:	No Report
Source Type:	Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code:	B002
Waste Code Description:	Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE, 15TH FL
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20110823	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003
Owner/Operator Ind:	Current Operator	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE, 15TH FL
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20110823	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
61	*8 of 9*	*E*	*0.10 / 521.29*	*19.81 / 10*	***CON EDISON VAULT 2803 242 WYTHE AVE BROOKLYN NY 11206***	***RCRA NON GEN***

EPA Handler ID:	NYP004241576
Gen Status Universe:	No Report
Contact Name:	PHILLIP STANFORD
Contact Address:	
Contact Phone No and Ext:	718-802-5196
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20111008

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No

Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20110908
Handler Name:	CON EDISON VAULT 2803
Generator Status Universe:	No Report
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20111008
Handler Name:	CON EDISON VAULT 2803
Generator Status Universe:	No Report
Source Type:	Implementer

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61 | ***9 of 9*** | ***E*** | ***0.10 / 521.29*** | ***19.81 / 10*** | ***SIX GALLONS OIL IN VAULTS***
242 WYTHE AVENUE
BROOKLYN NY | ***NY SPILLS***

Spill No:	0713079	**Spill Date:**	2008-03-11 12:58:00
Site ID:	394780	**Rcvd Date:**	2008-03-11 13:25:00
DER Facility ID:	344327	**CAC Date:**	
CID:	72	**Insp Date:**	
Program Type:	ER	**Close Date:**	2008-05-19 09:34:00
SWIS Code:	2401	**Create Date:**	2008-03-11 13:44:00
Contribute Factor:	Unknown	**Update Date:**	2008-05-19 09:35:36.223000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	gdbreen
Class:	C3	**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:			
Caller Remark:			

6 gallons of unknown oil, 2 separate interconnecting vaults. 1 vault has 1 gallon; the other vault has 5 gallons. Spill is contained. 210272

DEC Remark:

05/19/08 - See eDocs for Con Ed report detailing cleanup and closure. 210272. see eDocs

Spiller Information

Spiller Name:		**Spiller Zip:**	-
Spiller Company:	Con Edison	**Spiller Country:**	001
Spiller Address:		**Contact Name:**	ERT DESK
Spiller City:		**Contact Phone:**	(212) 580-8383
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.717503000		
Longitude:	-73.962718000		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Material Information

OP Unit ID:	1151725	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	2142474	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	6.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

62	*1 of 1*	*ESE*	*0.10 / 523.95*	*23.45 / 14*	***CHINA BUILDING LLC*** ***87 METROPOLITAN AVENUE*** ***Brooklyn NY 11249***	***E DESIGNATION***

BBL:	3023570021	***Community District:***	301
E-Designation No:	E-138	***Tax Block:***	2357
E-Designation Date:	12/20/2018	***Tax Lot:***	21
Year Built:	1920	***X Coordinate:***	994359
Lot Area:	2210	***Y Coordinate:***	200547
Land Use:			
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	0		
Proximity Desc:	Not Available		
Lot Type:	5		
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.		
Basement Code:	0		
Basement Desc:	None/No Basement		

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date:	5/11/2005
Lot Remediation Date:	
Satisfaction Date:	
Application No:	050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

63	*1 of 1*	*S*	*0.10 / 544.22*	*27.28 / 18*	***ROBERT J BESWICK*** ***50 GRAND STREET*** ***Brooklyn NY 11249***	***E DESIGNATION***

BBL:	3023900015	***Community District:***	301
E-Designation No:	E-138	***Tax Block:***	2390
E-Designation Date:	12/20/2018	***Tax Lot:***	15
Year Built:	1900	***X Coordinate:***	993832

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Lot Area: 2500 **Y Coordinate:** 200051
Land Use: 4
Land Use Desc:
Owner Type:
Owner Type Desc:
Area Source: 2
Area Source Desc: Department of Finance's RPAD File
Extension Code:
Extension Desc:
Proximity Code: 0
Proximity Desc: Not Available
Lot Type: 5
Lot Type Desc: Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.
Basement Code: 0
Basement Desc: None/No Basement

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

64	1 of 9	NE	0.10 / 544.71	3.96 / -5	JUMBO CARTING & REFUSE 2 N FIFTH ST BROOKLYN NY 11211	GEN MANIFEST

RCRA ID: NYD982539371
Mailing Street 1: 2 N FIFTH ST
District Name: JUMBO CARTING & REFUSE
Mailing Street 2:
Business Phone No: 7183845151
Mailing City: BROOKLYN
Contact Name: GEORGE JUSTINIANO
Mailing State: NY
Location Zip Extension:
Mailing Zip: 11211
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1992: 86 Pounds

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
64	2 of 9	NE	0.10 / 544.71	3.96 / -5	USA WASTE OF NYC 2 N 5TH ST BROOKLYN NY	LST

Spill No:	9609934	**Spill Date:**	1996-11-08 12:00:00
Site ID:	172840	**Rcvd Date:**	1996-11-08 14:41:00
DER Facility ID:	145460	**CAC Date:**	
CID:	257	**Insp Date:**	
Program Type:	ER	**Close Date:**	2005-11-23 00:00:00
SWIS Code:	2401	**Create Date:**	1996-11-08 00:00:00
Contribute Factor:	Tank Overfill	**Update Date:**	2005-12-07 11:13:06.623000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	SXSCHARF
Class:	B3	**Reported by:**	Responsible Party
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

during removal of tanks found contaminated soil. At a later date, contaminated soils were reomved. Seven years later, GW testing revealed levels below GW standards.

DEC Remark:

3/28/05 - Austin - Reassigned from O'dowd to Rahman - received report from AKRF, dated March, 2005, entitled Spill closure Investigation for review - end Austin - transferred to Albany for reassignment - end 07/22/05- Called AKRF Inc., as consultant for the USA Waste Inc. to see if there is a spill closure report. S. Scharf 09/16/05- finally got in touch with AKRF person. named Marc Godick (marc_godick@akrf.com)(914-922-2356 and 646-388-9534). Marc forwarded me the spill closure report for my review/closure. Review of spill closure report found that closure was acceptable. GW was tested seven years later and all results were below GW standards. Spill closed via letter on November 23, 2005. S. Scharf 11/29/05. Marc godick AKRF, INC 34 South Broadway Suite 3N White Plains, NY 10601 914-922-2356

Spiller Information

Spiller Name:	RODNEY WOOSTER	**Spiller Zip:**	
Spiller Company:	USA WASTE OF NYC	**Spiller Country:**	001
Spiller Address:	2 N 5TH ST	**Contact Name:**	RODNEY WOOSTER
Spiller City:	BROOKLYN	**Contact Phone:**	(718) 384-5151
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.719863500		
Longitude:	-73.964091870		

Material Information

OP Unit ID:	1041428	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	342149	**Med GW:**	False
Material Code:	0008	**Med SW:**	False
Material Name:	diesel	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
64	3 of 9	NE	0.10 / 544.71	3.96 / -5	JUMBO CARTING REFUSE 2 N FIFTH ST BROOKLYN NY 11211	RCRA NON GEN

EPA Handler ID:	NYD982539371
Gen Status Universe:	No Report
Contact Name:	
Contact Address:	2 , N FIFTH ST , , BROOKLYN , NY, 11211 , US

Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type:
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19880714
Handler Name: JUMBO CARTING REFUSE
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19950427
Handler Name: JUMBO CARTING REFUSE
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: JUMBO CARTING REFUSE
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: JUMBO CARTING REFUSE
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: PHILIP BARRETTI
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: PHILIP BARRETTI
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country:
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: PHILIP BARRETTI
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

64	4 of 9	NE	0.10 / 544.71	3.96 / -5	**NEKBOH RECYCLING INC. (2 N. 5TH ST.)** **2 NORTH 5TH STREET** **Brooklyn NY 11211**	SWF/LF

Active: No
Activity No: [24W63]
Regltry Status:
Accuracy Code:
Auth No: 2-6101-00013
Auth Issue Dt:
Operator Name:
Operator Type:
Expiration Date:
Region: 2
County: Kings
East Coord: 587500
North Coord: 4508000
Phone No: 7183845151
Owner Name:
Owner Type:
Date of Last Inspection:
Activity Desc: C&D processing - registration
Waste Types:

Owner Address:
Owner Addr2:
Owner City:
Owner State:
Owner ZIP:
Owner Email:
Owner Phone:
Contact Name: PHILIP BARRETTI;PRESIDENT
Contact Addr:
Contact Addr2:
Contact City:
Contact State:
Contact ZIP:
Contact Email:
Contact Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
64	5 of 9	NE	0.10 / 544.71	3.96 / -5	NEKBOH RECYCLING INC. (2 N. 5TH ST.) 2 NORTH 5TH STREET Brooklyn NY 11211	SWF/LF

Active:	No	**Owner Address:**	
Activity No:	[24T63]	**Owner Addr2:**	
Regltry Status:		**Owner City:**	
Accuracy Code:		**Owner State:**	
Auth No:	2-6101-00013	**Owner ZIP:**	
Auth Issue Dt:		**Owner Email:**	
Operator Name:		**Owner Phone:**	
Operator Type:		**Contact Name:**	PHILIP BARRETTI;PRESIDENT
Expiration Date:		**Contact Addr:**	
Region:	2	**Contact Addr2:**	
County:	Kings	**Contact City:**	
East Coord:	587500	**Contact State:**	
North Coord:	4508000	**Contact ZIP:**	
Phone No:	7183845151	**Contact Email:**	
Owner Name:		**Contact Phone:**	
Owner Type:			
Date of Last Inspection:			
Activity Desc:	Transfer station - permit		
Waste Types:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
64	6 of 9	NE	0.10 / 544.71	3.96 / -5	WASTE MANAGEMENT OF NEW YORK (USAWASTE S 2 NORTH 5TH STREET Brooklyn NY 11211	SWF/LF

Active:	No	**Owner Address:**	
Activity No:	[24MD8]	**Owner Addr2:**	
Regltry Status:		**Owner City:**	
Accuracy Code:		**Owner State:**	
Auth No:	2-6101-00013	**Owner ZIP:**	
Auth Issue Dt:		**Owner Email:**	
Operator Name:		**Owner Phone:**	
Operator Type:		**Contact Name:**	Tara Hemmer
Expiration Date:		**Contact Addr:**	
Region:	2	**Contact Addr2:**	
County:	Kings	**Contact City:**	
East Coord:		**Contact State:**	
North Coord:		**Contact ZIP:**	
Phone No:	7185335308	**Contact Email:**	
Owner Name:		**Contact Phone:**	
Owner Type:			
Date of Last Inspection:			
Activity Desc:	RHRF - registration		
Waste Types:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
64	7 of 9	NE	0.10 / 544.71	3.96 / -5	DeMicco Bros. Inc. 2 North 5th Street Brooklyn NY 11111	SWF/LF

Active:	No	**Owner Address:**	1580 Stillwel Ave
Activity No:	[24WF6]	**Owner Addr2:**	
Regltry Status:	Consent Order	**Owner City:**	Bronx
Accuracy Code:	4.3 - Utilization of Digital Orthophoto Quads	**Owner State:**	NY
Auth No:		**Owner ZIP:**	10461
Auth Issue Dt:		**Owner Email:**	
Operator Name:		**Owner Phone:**	7188922505
Operator Type:		**Contact Name:**	
Expiration Date:		**Contact Addr:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Region: 2
County: Kings
East Coord: 587485
North Coord: 4508167
Phone No: 7188922505
Owner Name: Frank DeMicco
Owner Type: Private
Date of Last Inspection:
Activity Desc: C&D processing - registration
Waste Types: Concrete;Rock;Soil (Clean)

Contact Addr2:
Contact City:
Contact State:
Contact ZIP:
Contact Email:
Contact Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
64	8 of 9	NE	0.10 / 544.71	3.96 / -5	Recycle America Alliance (a WasteManagement of NY company) 2 North 5th Street Brooklyn NY 11237	SWF/LF

Active: No
Activity No: [24M08]
Regltry Status: Registration
Accuracy Code: 4.3 - Utilization of Digital Orthophoto Quads
Auth No:
Auth Issue Dt:
Operator Name:
Operator Type:
Expiration Date:
Region: 2
County: Kings
East Coord: 587485
North Coord: 4508167
Phone No: 7183020709
Owner Name:
Owner Type:
Date of Last Inspection:
Activity Desc: RHRF - registration
Waste Types: Commingled Paper

Owner Address:
Owner Addr2:
Owner City:
Owner State:
Owner ZIP:
Owner Email:
Owner Phone:
Contact Name: Michael Washalski
Contact Addr: 123 Varick Avenue
Contact Addr2:
Contact City: Brooklyn
Contact State: NY
Contact ZIP: 11237
Contact Email:
Contact Phone: 7185335308

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
64	9 of 9	NE	0.10 / 544.71	3.96 / -5	USA WASTE SERVICES, INC. 2 NORTH FIFTH STREET BROOKLYN NY 11211	UST

Site ID: 24490
Site Status: Unregulated/Closed
Program No: 2-602533
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Trucking/Transportation/Fleet Operation

Expiry:
County: Kings
UTM X: 587159.62603
UTM Y: 4507369.87572

Tank Information

Prog No: 2-602533
Tank ID: 50384
Tank No: 001
Tank Status: 3
Tank Status Desc: Closed - Removed
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
Close Date: 1996-11-01 00:00:00
Capacity (Gal): 550
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:

UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method:
Modified by: TRANSLAT
Last Modified: 2017-04-14 14:30:47.863000000

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: J01
Code Name: Pressurized Dispenser
Type: Dispenser

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: I03
Code Name: Automatic Shut-Off
Type: Overfill

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: C03
Code Name: Aboveground/Underground Combination
Type: Pipe Location

Tank Information

Prog No: 2-602533
Tank ID: 50386
Tank No: 003
Tank Status: 3
Tank Status Desc: Closed - Removed
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Date Tested:
Next Test:

Close Date:	1996-11-01 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	TRANSLAT
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: I03
Code Name: Automatic Shut-Off
Type: Overfill

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: C03
Code Name: Aboveground/Underground Combination
Type: Pipe Location

Equipment: J01
Code Name: Pressurized Dispenser
Type: Dispenser

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Tank Information

Prog No:	2-602533	**UDC Ind:**	1
Tank ID:	50385	**Red Tag Start Date:**	

Tank No:	002	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	1996-11-01 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	TRANSLAT
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: C03
Code Name: Aboveground/Underground Combination
Type: Pipe Location

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: J01
Code Name: Pressurized Dispenser
Type: Dispenser

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: I03
Code Name: Automatic Shut-Off
Type: Overfill

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: F00
Code Name: None
Type: Pipe External Protection

Tank Information

Prog No:	2-602533	***UDC Ind:***	1
Tank ID:	50387	***Red Tag Start Date:***	
Tank No:	004	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:	1996-11-01 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	550	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	TRANSLAT
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: C03
Code Name: Aboveground/Underground Combination
Type: Pipe Location

Equipment: J01
Code Name: Pressurized Dispenser
Type: Dispenser

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: I03
Code Name: Automatic Shut-Off

Type: Overfill

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Affiliation Information

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: USA WASTE SERVICES, INC.
Contact Title:
Contact Name: USA WASTE SERVICES
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 384-5151
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:27:38.297000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: MEKBOH RECYCLING, INC.
Contact Title:
Contact Name: RODNEY L. WOOSTER
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (201) 228-7063
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:27:38.297000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: MEKBOH RECYCLING, INC.
Contact Title:
Contact Name:
Address1: 2 NORTH 5TH STREET
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 384-5151
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:27:38.297000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Company:	USA WASTE OF NEW YORK CITY
Contact Title:	
Contact Name:	MR. RODNEY L. WOOSTER
Address1:	2 NORTH FIFTH STREET
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 384-5151
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:27:38.297000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
65	1 of 1	NE	0.10 / 548.33	9.88 / 0	iPark 22/34 N 6th Garage Corp - Tesla Destination 22 N 5th St Brooklyn NY 11211	ALT FUELS

ID:	114893	**CNG Dispenser No:**	
Federal Agency ID:		**CNG Fill Type Code:**	
Federal Agency:		**CNG Site Renew Src:**	
Fed Agency Name:		**CNG PSI:**	
Status:	Open: The station is open.	**CNG Storage Cap:**	
Facility Type:	PAY_GARAGE	**CNG Tot Compr Cap:**	
Fuel Type Code:	ELEC: Electric	**CNG Vehicle Class:**	
Owner Type Desc:	Privately owned	**LPG Nozzle Types:**	
Expected Date:		**LNG Site Renew Src:**	
Dt Last Confirmed:	2019-05-09	**LNG Vehicle Class:**	
Open Date:	2017-03-01	**Hydrogen is Retail:**	
Updated at:	2019-05-14 21:16:45 UTC	**Hydrogen Pressures:**	
BD Blends:		**Hydrogen Standards:**	
NG PSI:		**Station Phone:**	718-218-7570 877-798-3752
NG Fill Type Code:		**Latitude:**	40.718794
NG Fill Type Desc:		**Longitude:**	-73.962594
NG Vehicle Class:			
NG Vehicle Class Desc:			
E85 Blender Pump:			
E85 Blender Pump Desc:			
E85 Other Ethanol Blends:			
EV Pricing:	Free		
EV Pricing French:			
LPG Primary:			
LPG Primary Desc:			
Intersection Directions:			
Geocode Status Desc:	Address level accuracy.		
Hydrogen Status Link:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
66	1 of 4	SE	0.10 / 551.21	28.11 / 19	WYTHE HOLDINGS LLC 296 WYTHE AVENUE Brooklyn NY 11249	E DESIGNATION

BBL:	3023780021	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2378
E-Designation Date:	12/20/2018	**Tax Lot:**	21
Year Built:	1950	**X Coordinate:**	994149
Lot Area:	11705	**Y Coordinate:**	200223
Land Use:	6		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:	E		

Extension Desc: Extension
Proximity Code: 0
Proximity Desc: Not Available
Lot Type: 3
Lot Type Desc: Corner - A tax lot bordering on two intersecting streets.
Basement Code: 0
Basement Desc: None/No Basement

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

66	2 of 4	SE	0.10 / 551.21	28.11 / 19	CON EDISON 296 WYTHE AVE & 1ST BROOKLYN NY 11249	GEN MANIFEST

RCRA ID: NYP004681110
Mailing Street 1: 4 IRVING PL 15TH FL
District Name: CON EDISON
Mailing Street 2:
Business Phone No: 2124603770
Mailing City: NEW YORK
Contact Name: CON EDISON
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 300 Gallons

66	3 of 4	SE	0.10 / 551.21	28.11 / 19	TRIBORO SHELVING & PARTITION 296 WYTHE AVE BROOKLYN NY 11211-4118	RCRA NON GEN

EPA Handler ID: NY0000058206
Gen Status Universe: No Report

Contact Name:
Contact Address: 296 , WYTHE AVE , , BROOKLYN , NY, 11211-4185 , US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date: 20140821
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19981103
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19931117
Handler Name: TRIBORO SHELVING & PARTITION
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990708
Handler Name: TRIBORO SHELVING & PARTITION
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: TRIBORO SHELVING & PARTITION
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: TRIBORO SHELVING & PARTITION
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	296 WYTHE AVE
Name:	JOHN DEMAIO	**Street 2:**	
Date Became Current:		**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	718-782-4185	**Country:**	US
Source Type:	Implementer	**Zip Code:**	11211-4185

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	296 WYTHE AVE
Name:	JOHN DEMAIO	**Street 2:**	
Date Became Current:		**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	718-782-4185	**Country:**	US
Source Type:	Implementer	**Zip Code:**	11211-4185

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	296 WYTHE AVE
Name:	JOHN DEMAIO	**Street 2:**	
Date Became Current:		**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	718-782-4185	**Country:**	
Source Type:	Notification	**Zip Code:**	11211-4185

66 | ***4 of 4*** | ***SE*** | ***0.10 / 551.21*** | ***28.11 / 19*** | ***290 WYTHE AV
290 WYTHE AVE
BROOKLYN NY*** | ***NY SPILLS***

Spill No:	8803014	**Spill Date:**	1988-07-06 19:36:00
Site ID:	311018	**Rcvd Date:**	1988-07-06 20:43:00
DER Facility ID:	251044	**CAC Date:**	1988-07-06 00:00:00
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	1988-07-06 00:00:00
SWIS Code:	2401	**Create Date:**	1988-07-07 00:00:00
Contribute Factor:	Other	**Update Date:**	2003-09-29 00:00:00
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	RWAUSTIN
Class:		**Reported by:**	Fire Department
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True

UST Trust: False
Caller Remark:

WOULD LIKE DEC TO RECOVER CYLINDERS - CYLINDERS NOT DAMAGED OR LEAKINGBUT NYFD FEARS ARSONIST WILL STRIKE AGAIN.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 10/10/95: This is additional information about material spilled from the translation of the old spill file: ACETYLENE- H SIZE.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	UNK	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	
Spiller City:	***UPDATE***	**Contact Phone:**	
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.716232960		
Longitude:	-73.964077120		

Material Information

OP Unit ID:	918214	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	458576	**Med GW:**	False
Material Code:	0066A	**Med SW:**	False
Material Name:	unknown petroleum	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	100.00	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:	100.00	**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
67	1 of 1	ESE	0.11 / 559.64	24.80 / 15	CON EDISON FRONT OF 90S METROPOLITAN AV SB15329 BROOKLYN NY 11211	GEN MANIFEST

RCRA ID:	NYP004599957
Mailing Street 1:	4 IRVING PL
District Name:	CON EDISON
Mailing Street 2:	15TH FL
Business Phone No:	
Mailing City:	NEW YORK
Contact Name:	CON EDISON
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 120 Gallons

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
68	1 of 2	E	0.11 / 565.94	18.00 / 9	OLIVE PARTNERS, LLC 224 WYTHE AVENUE Brooklyn NY 11249	E DESIGNATION

BBL: 3023490018
E-Designation No: E-138
E-Designation Date: 12/20/2018
Year Built: 2008
Lot Area: 6300
Land Use: 4
Land Use Desc:
Owner Type:
Owner Type Desc:
Area Source: 2
Area Source Desc: Department of Finance's RPAD File
Extension Code:
Extension Desc:
Proximity Code: 1
Proximity Desc: Detached
Lot Type: 3
Lot Type Desc: Corner - A tax lot bordering on two intersecting streets.
Basement Code: 2
Basement Desc: Full Basement that is Below Grade (The basement is 75% or more of the area of the first floor and the basement walls are fully submerged or are less than 4 feet on at least three sides.)

Community District: 301
Tax Block: 2349
Tax Lot: 18
X Coordinate: 994590
Y Coordinate: 200865

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
68	2 of 2	E	0.11 / 565.94	18.00 / 9	CON EDISON OPP 66 N 4TH ST SB 16163 BROOKLYN NY 11249	GEN MANIFEST

RCRA ID: NYP004737755
Mailing Street 1: 4 IRVING PLACE - 15TH FLOOR
District Name: CON EDISON
Mailing Street 2:
Business Phone No:
Mailing City: NEW YORK
Contact Name: TOM TEELING
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2015: 2000 Pounds

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69 | ***1 of 1*** | ***SSE*** | ***0.11 / 570.51*** | ***29.14 / 20*** | ***ROBERT J BESWICK***
56 GRAND STREET
Brooklyn NY 11249 | ***E DESIGNATION***

BBL:	3023900017	***Community District:***	301
E-Designation No:	E-138	***Tax Block:***	2390
E-Designation Date:	12/20/2018	***Tax Lot:***	17
Year Built:	0	***X Coordinate:***	993877
Lot Area:	2500	***Y Coordinate:***	200034
Land Use:	10		
Land Use Desc:	Parking Facilities		
Owner Type:			
Owner Type Desc:			
Area Source:	7		
Area Source Desc:	Department of Finance's Mass Appraisal System		
Extension Code:			
Extension Desc:			
Proximity Code:	0		
Proximity Desc:	Not Available		
Lot Type:	5		
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.		
Basement Code:	5		
Basement Desc:	Unknown		

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date:	5/11/2005
Lot Remediation Date:	
Satisfaction Date:	
Application No:	050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

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70 | ***1 of 1*** | ***E*** | ***0.11 / 578.64*** | ***19.76 / 10*** | ***234 W, LLC***
234 WYTHE AVENUE
Brooklyn NY 11249 | ***E DESIGNATION***

BBL:	3023490021	***Community District:***	301
E-Designation No:	E-138	***Tax Block:***	2349
E-Designation Date:	12/20/2018	***Tax Lot:***	21
Year Built:	1920	***X Coordinate:***	994575
Lot Area:	6000	***Y Coordinate:***	200776
Land Use:	5		
Land Use Desc:			
Owner Type:			

Owner Type Desc:	
Area Source:	2
Area Source Desc:	Department of Finance's RPAD File
Extension Code:	
Extension Desc:	
Proximity Code:	0
Proximity Desc:	Not Available
Lot Type:	5
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.
Basement Code:	0
Basement Desc:	None/No Basement

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date:	5/11/2005
Lot Remediation Date:	
Satisfaction Date:	
Application No:	050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

71 | ***1 of 1*** | ***SSE*** | ***0.11 / 580.85*** | ***29.55 / 20*** | ***WYTHE HOLDINGS LLC***
302 WYTHE AVENUE
Brooklyn NY 11249 | ***E DESIGNATION***

BBL:	3023780026	**Community District:**	301
E-Designation No:	E-138	**Tax Block:**	2378
E-Designation Date:	12/20/2018	**Tax Lot:**	26
Year Built:	1983	**X Coordinate:**	994091
Lot Area:	4105	**Y Coordinate:**	200128
Land Use:	6		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	0		
Proximity Desc:	Not Available		
Lot Type:	3		
Lot Type Desc:	Corner - A tax lot bordering on two intersecting streets.		
Basement Code:	0		
Basement Desc:	None/No Basement		

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

72	1 of 2	ENE	0.11 / 584.89	11.88 / 2	STREET EXCAVATION KENT & NORTH 5TH BROOKLYN NY	NY SPILLS

Spill No: 0704430
Site ID: 384575
DER Facility ID: 333974
CID: 444
Program Type: ER
SWIS Code: 2401
Contribute Factor: Unknown
Water Body:
Source: Unknown
Class: C4
Meets Std: False
Penalty: False
REM Phase: 0
UST Trust: False
Caller Remark:

Spill Date: 2007-07-19 10:00:00
Rcvd Date: 2007-07-19 12:30:00
CAC Date:
Insp Date:
Close Date: 2009-10-15 00:00:00
Create Date: 2007-07-19 12:39:00
Update Date: 2009-10-15 16:07:52.670000000
DEC Region: 2
Lead DEC: jhoconne
Reported by: Affected Persons
Referred to:
County: Kings
After Hours: False

DURING INSTATLLING UTILITY LINE FOUND CONTAMIANTED SOIL;: CONED LINE CLOSE BY MAY BE FROM THERE

DEC Remark:

Sangesland spoke to Mark Godick of AKRF. His company was doing work on a sewer hookup in this intersection when they found #6 oil in the excavation. This street is the route of a former Con Ed fuel line which MAY be the source. 10/15/09. By request of J.Krimgold, Joe O'Connell researched this case. Con Ed #6 oil pipe was indeed in close proximity to the excavation, However, during remediation work on this pipe all contaminated soil was removed. Post excavation samples were taken every 20 linear feet and display no contaminaton. Case closed. JK.

Spiller Information

Spiller Name: MARK GODICK
Spiller Company:
Spiller Address: KENT & NORTH 5TH
Spiller City: BROOKLYN
Spiller State: NY
Latitude:
Longitude:

Spiller Zip:
Spiller Country: 001
Contact Name: MARK GODICK
Contact Phone: (917) 991-4030
Contact Ext: CELL

Material Information

OP Unit ID: 1141872
OU: 01
Material ID: 2132106
Material Code: 0001A
Material Name: #2 fuel oil
CAS No:
Material Family: Petroleum
Quantity:
Units: G
Recovered: .00
Med Soil: True

Med Air: False
Med Ind Air: False
Med GW: False
Med SW: False
Med DW: False
Med Sewer: False
Med Surf: False
Med Subway: False
Med Utility: False
Oxygenate:

OP Unit ID: 1141872
OU: 01

Med Air: False
Med Ind Air: False

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Material ID:	2132088	**Med GW:**	False
Material Code:	0003A	**Med SW:**	False
Material Name:	#6 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:		**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

72	2 of 2	ENE	0.11 / 584.89	11.88 / 2	AT INTERSECTION NORTH 5TH AND KENT BROOKLYN NY	NY SPILLS

Spill No:	1503575	**Spill Date:**	2015-07-02 07:00:00
Site ID:	509885	**Rcvd Date:**	2015-07-02 09:33:00
DER Facility ID:	464495	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2015-07-02 00:00:00
SWIS Code:	2401	**Create Date:**	2015-07-02 09:36:00
Contribute Factor:	Deliberate	**Update Date:**	2015-07-02 10:08:47.793000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	RMPIPER
Class:	D4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

dumping paint into sewer at above location - no cleanup noted

DEC Remark:

DEC Piper left message for caller. requesting caller from DEP to call Hazmat or industrial waste if haven't done so already. Small spill to sewer, spill closed.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	OVERALL MURALS	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	MEGAN
Spiller City:		**Contact Phone:**	(212) 615-8010
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1259160	**Med Air:**	False
OU:	01	**Med Ind Air:**	False
Material ID:	2262443	**Med GW:**	False
Material Code:	0064A	**Med SW:**	False
Material Name:	unknown material	**Med DW:**	False
CAS No:		**Med Sewer:**	True
Material Family:	Other	**Med Surf:**	False
Quantity:	1.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

73	1 of 2	ENE	0.11 / 589.72	11.88 / 2	NYNEX KENT AVE & N 5TH ST BROOKLYN NY 11201	GEN MANIFEST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA ID: NYP000920330
Mailing Street 1: 221 EAST 37TH ST
District Name: NYNEX
Mailing Street 2:
Business Phone No: 2123387126
Mailing City: NEW YORK
Contact Name: SUSHMITA BISWAS
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10016
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1995: 4000 Pounds

73	2 of 2	ENE	0.11 / 589.72	11.88 / 2	NYNEX-MANHOLE KENT AVE & N 5TH ST BROOKLYN NY 11201-0000	RCRA NON GEN

EPA Handler ID: NYP000920330
Gen Status Universe: No Report
Contact Name: JOHN QUATRALE
Contact Address: 221 E 37TH ST 4TH FLR , , NEW YORK , NY, 10016-0000 , US
Contact Phone No and Ext: 212-338-7141 9999
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type:
Receive Date: 19960327

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19960325
Handler Name:	NYNEX-MANHOLE
Generator Status Universe:	No Report
Source Type:	Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19960326
Handler Name:	NYNEX-MANHOLE
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	19960327
Handler Name:	NYNEX-MANHOLE
Generator Status Universe:	No Report
Source Type:	Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
74	*1 of 10*	*S*	*0.11 / 592.17*	*24.22 / 15*	***NYC DEPT PARKS & RECREATION 33 S 1ST ST BROOKLYN NY***	***GEN MANIFEST***

RCRA ID:	NYR000098871
Mailing Street 1:	OLMSTEAD CTR - CORONA PARK
District Name:	NYC DEPT PARKS & RECREATION
Mailing Street 2:	
Business Phone No:	N/S
Mailing City:	FLUSHING
Contact Name:	N/S
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	11368
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2001: 100 Pounds; 100 Pounds; 300 Pounds

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
74	*2 of 10*	*S*	*0.11 / 592.17*	*24.22 / 15*	***DATA SCOPE 33 S 1ST ST BROOKLYN NY 11211***	***GEN MANIFEST***

RCRA ID:	NYR000035972
Mailing Street 1:	14 PHILLIPS PKWY
District Name:	DATA SCOPE

Mailing Street 2:
Business Phone No: 9732446224
Mailing City: BROOKLYN
Contact Name: N/S
Mailing State: NY
Location Zip Extension:
Mailing Zip: 11211
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2000: 50 Pounds; 20 Pounds

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2000: 20 Pounds

Waste Code(s):

U122: (50-00-0) Formaldehyde

Waste Amounts By Year:

2000: 20 Pounds

74	*3 of 10*	*S*	*0.11 / 592.17*	*24.22 / 15*	***RADIAC RESEARCH CORP*** ***33 S 1ST ST*** ***BROOKLYN NY 11211***	***GEN MANIFEST***

RCRA ID: NYD049178296
Mailing Street 1: 261 KENT AVE
District Name: RADIAC RESEARCH CORP
Mailing Street 2:
Business Phone No: 7189632233
Mailing City: BROOKLYN
Contact Name: EDITH BOCHICCHIO
Mailing State: NY
Location Zip Extension: 4188
Mailing Zip: 11211
Location Country: USA
Mailing Zip Extension: 4188
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

X725: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Amounts By Year:

1987: 500 Pounds

Waste Code(s):

B005: (Wastes containing polychlorinated biphenyls (PCBs)) PCB articles, other than transformers, that contain 500 ppm or greater of PCBs, excluding small capacitors.

Waste Amounts By Year:

1983: 600 Pounds

Waste Code(s):

B007: (Wastes containing polychlorinated biphenyls (PCBs)) Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

Waste Amounts By Year:

1983: 1200 Pounds; 800 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2006: 150 Pounds
2008: 150 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

Waste Amounts By Year:

2006: 450 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D018: BENZENE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2016: 1600 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

Waste Amounts By Year:

2006: 2550 Pounds; 300 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
F005: (Generic) The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, and pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002 or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

Waste Amounts By Year:

2006: 10 Pounds
2017: 10 Pounds; 5 Pounds
2018: 5 Pounds

Waste Code(s):

F001: (Generic) The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichloroethylene, methylene chloride, 1,1, 1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, total of 10 percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

Waste Amounts By Year:

1980/1981: 240 Gallons; 400 Pounds; 240 Pounds; 238 Pounds; 100 Pounds; 240 Pounds; 240 Pounds; 500 Pounds; 240 Pounds; 800 Pounds; 200 Pounds; 240 Pounds; 2000 Pounds; 240 Pounds
1982: 400 Pounds; 2000 Pounds; 100 Pounds; 400 Pounds; 203 Pounds; 300 Pounds; 1600 Pounds; 400 Pounds
1983: 880 Pounds; 50 Pounds; 11200 Pounds; 440 Pounds; 800 Pounds; 100 Pounds; 6800 Pounds; 16100 Pounds; 100 Pounds; 425 Pounds; 400 Pounds; 73 Pounds
1985: 500 Pounds
1986: 10400 Pounds; 8000 Pounds; 600 Pounds; 800 Pounds; 1200 Pounds; 600 Pounds; 200 Pounds; 200 Pounds; 10400 Pounds; 2800 Pounds; 1200 Pounds; 1200 Pounds; 500 Pounds; 200 Pounds; 500 Pounds; 500 Pounds; 8400 Pounds; 800 Pounds; 8400 Pounds; 800 Pounds; 200 Pounds; 2400 Pounds
1987: 3900 Pounds; 1500 Pounds; 4200 Pounds; 9000 Pounds; 1600 Pounds; 2000 Pounds; 2400 Pounds; 400 Pounds; 600 Pounds; 300 Pounds; 2800 Pounds; 8400 Pounds; 7200 Pounds; 8400 Pounds; 400 Pounds; 400 Pounds; 3900 Pounds; 2800 Pounds; 800 Pounds; 200 Pounds; 4000 Pounds; 1200 Pounds; 1200 Pounds; 500 Pounds; 2800 Pounds; 11000 Pounds; 5600 Pounds; 8000 Pounds
1988: 5200 Pounds; 400 Pounds; 1200 Pounds; 2400 Pounds; 600 Pounds; 5600 Pounds; 5600 Pounds; 4800 Pounds; 400 Pounds; 1000 Pounds; 560 Pounds; 4400 Pounds; 3400 Pounds; 4600 Pounds; 3200 Pounds; 600 Pounds; 200 Pounds
1989: 800 Pounds; 2800 Pounds
1990: 1600 Pounds
1991: 8000 Pounds
1992: 1925 Pounds
1998: 4800 Pounds; 10000 Pounds; 8100 Pounds
1999: 1200 Pounds
2001: 100 Pounds; 400 Pounds
2004: 150 Pounds; 150 Pounds

Waste Code(s):

U010: (50-07-7) Azirino [2',3': 3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino- 8-[[(aminocarbonyl) oxy] methyl] -1,1a,2,8a,8b-hexahydro- 8a- methoxy-5-methyl-, [1aS- (1aalpha, 8beta, 8aalpha,8balpha)]-
U036: (57-74-9) 4, 7-Methano-lH-indene, 1,2,4,5,6,7,8,8-octachloro- 2,3,3a,4,7,7a-hexahydro-
U058: (50-18-0) 2H-1,3,2-Oxazaphosphorin- 2-amine, N,N-bis (2-chloroethyl) tetrahydro-, 2-oxide
U059: (20830-81-3) 5,12-Naphthacenedione, 8-acetyl-10- [(3-amino-2,3,6-trideoxy) -alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8, 11-trihydroxy-1-methoxy-, (8S-cis)-
U206: (18883-66-4) Streptozotocin
U237: (66-75-1) Uracil mustard

Waste Amounts By Year:

2009: 800 Pounds; 750 Pounds; 700 Pounds; 1250 Pounds

Waste Code(s):

X910: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Amounts By Year:

1987: 600 Pounds; 1200 Pounds; 600 Pounds

Waste Code(s):

F005: (Generic) The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, and pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002 or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

Waste Amounts By Year:

1988: 16800 Pounds; 41783 Pounds; 41431 Pounds; 41706 Pounds; 5520 Pounds; 41615 Pounds; 18800 Pounds; 41400 Pounds
1989: 19200 Pounds; 41028 Pounds; 43414 Pounds; 6200 Pounds; 1200 Pounds; 45257 Pounds; 41100 Pounds; 41430 Pounds; 45667 Pounds; 38728 Pounds; 400 Pounds; 42391 Pounds; 43391 Pounds; 42769 Pounds; 43368 Pounds; 16000 Pounds; 41345 Pounds
1990: 900 Pounds; 322 Pounds; 44241 Pounds; 46098 Pounds; 1200 Pounds; 33156 Pounds; 42008 Pounds
1991: 9200 Pounds; 5406 Pounds; 6200 Pounds
1992: 3200 Pounds; 1800 Pounds; 200 Pounds; 600 Pounds; 9200 Pounds; 300 Pounds; 430 Pounds; 465 Pounds; 18554 Pounds; 2600 Pounds; 400 Pounds; 17676 Pounds
1993: 12800 Pounds; 600 Pounds; 16808 Pounds; 600 Pounds
1994: 6600 Pounds; 400 Pounds
1995: 2000 Pounds; 600 Pounds
1996: 200 Pounds; 200 Pounds; 2000 Pounds; 600 Pounds
1997: 2000 Pounds; 2500 Pounds; 2800 Pounds; 1800 Pounds; 600 Pounds; 600 Pounds
1998: 2000 Pounds; 2900 Pounds; 400 Pounds; 4800 Pounds; 1600 Pounds
1999: 1360 Pounds; 16000 Pounds; 600 Pounds; 400 Pounds; 1600 Pounds; 1360 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 1200 Pounds; 3000 Pounds
2000: 3600 Pounds; 5200 Pounds; 400 Pounds; 1400 Pounds; 200 Pounds; 1640 Pounds; 1400 Pounds; 1000 Pounds; 1600 Pounds; 240 Pounds; 160 Pounds; 2200 Pounds; 600 Pounds; 800 Pounds; 2000 Pounds; 4000 Pounds; 14000 Pounds; 4000 Pounds; 10800 Pounds; 400 Pounds
2001: 600 Pounds; 3600 Pounds; 100 Pounds; 600 Pounds; 600 Pounds; 200 Pounds
2002: 891 Pounds; 1000 Pounds; 400 Pounds; 800 Pounds
2003: 7240 Pounds; 600 Pounds
2004: 1480 Pounds; 600 Pounds; 1680 Pounds; 2000 Pounds; 1350 Pounds
2005: 2400 Pounds

Waste Code(s):

M001: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Amounts By Year:

1987: 300 Gallons; 3800 Pounds; 400 Pounds

Waste Code(s):

P012: (1327-53-3) Arsenic oxide As2 O3

Waste Amounts By Year:

1988: 150 Pounds; 150 Pounds; 160 Pounds
1994: 1000 Pounds
2004: 150 Pounds

Waste Code(s):

P021: (592-01-8) Calcium cyanide

Waste Amounts By Year:

1988: 40 Pounds

Waste Code(s):

P024: (106-47-8) Benzenamine, 4-chloro-

Waste Amounts By Year:

1988: 150 Pounds

1994: 1200 Pounds

Waste Code(s):

U169: (98-95-3) Nitrobenzene (I,T)

Waste Amounts By Year:

1988: 150 Pounds; 100 Pounds

Waste Code(s):

U190: (85-44-9) 1, 3-Isobenzofurandione

Waste Amounts By Year:

1996: 1200 Pounds
1998: 1600 Pounds; 1600 Pounds

Waste Code(s):

P030: Cyanides (soluble cyanide salts), not otherwise specified

Waste Amounts By Year:

1982: 200 Pounds; 200 Pounds; 800 Pounds
1985: 735 Pounds; 2850 Pounds
1986: 2000 Pounds; 800 Pounds; 2500 Pounds
1987: 400 Pounds; 2800 Pounds; 400 Pounds; 400 Pounds
1988: 150 Pounds; 150 Pounds
1990: 283 Pounds; 112 Pounds; 292 Pounds
1991: 770 Pounds; 283 Pounds; 110 Pounds; 960 Pounds
1992: 5600 Pounds; 1560 Pounds; 3720 Pounds; 1680 Pounds; 400 Pounds; 5600 Pounds; 3600 Pounds
1998: 8800 Pounds

Waste Code(s):

P051: (172-20-8) 2,7:3,6-Dimethanonaphth [2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)-, & metabolites

Waste Amounts By Year:

1991: 6462 Pounds; 3553 Pounds; 12000 Pounds; 151 Pounds; 121 Pounds; 600 Pounds; 269 Pounds; 9000 Pounds; 200 Pounds; 3056 Pounds; 1429 Pounds; 4800 Pounds
1992: 11000 Pounds; 15600 Pounds; 600 Pounds; 1200 Pounds
2005: 100 Pounds

Waste Code(s):

P087: (20816-12-0) Osmium oxide OsO4, (T-4)-

Waste Amounts By Year:

1991: 400 Pounds; 80 Pounds; 167 Pounds; 764 Pounds; 840 Pounds
1994: 200 Pounds
1996: 200 Pounds; 200 Pounds
1997: 200 Pounds; 200 Pounds
2000: 1600 Pounds

Waste Code(s):

P104: (506-64-9) Silver cyanide

Waste Amounts By Year:

1988: 240 Pounds

Waste Code(s):

P106: (143-33-9) Sodium cyanide

Waste Amounts By Year:

1988: 400 Pounds; 75 Pounds
1995: 1800 Pounds
1996: 1000 Pounds; 1800 Pounds; 1600 Pounds
2000: 40 Pounds
2004: 150 Pounds

Waste Code(s):

P115: (7446-18-6) Sulfuric acid, dithallium(1 +) salt

Waste Amounts By Year:

1988: 40 Pounds

Waste Code(s):

P121: (557-21-1) Zinc cyanide

Waste Amounts By Year:

1988: 150 Pounds
1991: 1008 Pounds

Waste Code(s):

P122: (1314-84-7) Zinc phosphide Zn3P2, when present at concentrations greater than 10 percent (R,T)

Waste Amounts By Year:

1988: 100 Pounds; 75 Pounds

Waste Code(s):

U007: (79-06-1) 2-Propenamide

Waste Amounts By Year:

1994: 2400 Pounds
1995: 2200 Pounds; 600 Pounds
1996: 800 Pounds; 800 Pounds; 600 Pounds; 400 Pounds; 200 Pounds
1999: 1800 Pounds
2000: 400 Pounds; 800 Pounds
2001: 400 Pounds; 200 Pounds

Waste Code(s):

U010: (50-07-7) Azirino [2',3': 3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino- 8-[[(aminocarbonyl) oxy] methyl] -1,1a,2,8a,8b-hexahydro- 8a- methoxy-5-methyl-, [1aS- (1aalpha, 8beta, 8aalpha,8balpha)]-
U035: (305-03-3) Benzenebutanoic acid, 4-[bis (2- chloroethyl) amino] -
U058: (50-18-0) 2H-1,3,2-Oxazaphosphorin- 2-amine, N,N-bis (2-chloroethyl) tetrahydro-, 2-oxide
U059: (20830-81-3) 5,12-Naphthacenedione, 8-acetyl-10- [(3-amino-2,3,6-trideoxy) -alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8, 11-trihydroxy-1-methoxy-, (8S-cis)-
U206: (18883-66-4) Streptozotocin
U237: (66-75-1) Uracil mustard

Waste Amounts By Year:

2009: 450 Pounds

Waste Code(s):

D018: BENZENE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1991: 800 Pounds
1995: 400 Pounds
1996: 2000 Pounds; 3200 Pounds
1998: 7200 Pounds; 760 Pounds
1999: 1600 Pounds
2000: 600 Pounds; 400 Pounds
2001: 1200 Pounds; 400 Pounds
2002: 800 Pounds
2003: 3600 Pounds; 3600 Pounds; 1600 Pounds
2004: 800 Pounds; 6000 Pounds

Waste Code(s):

D019: CARBON TETRACHLORIDE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1992: 800 Pounds
1995: 600 Pounds; 200 Pounds; 600 Pounds; 1400 Pounds; 600 Pounds

Waste Code(s):

D020: CHLORDANE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2000: 40 Pounds
2005: 2050 Pounds

Waste Code(s):

D022: CHLOROFORM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1991: 800 Pounds
1992: 400 Pounds; 1200 Pounds; 400 Pounds; 1000 Pounds; 800 Pounds; 1000 Pounds; 2000 Pounds
1993: 200 Pounds
1995: 1200 Pounds
1996: 1400 Pounds; 600 Pounds; 12800 Pounds; 400 Pounds; 400 Pounds; 1800 Pounds
1997: 400 Pounds; 400 Pounds
2000: 800 Pounds; 400 Pounds
2001: 200 Pounds; 800 Pounds; 200 Pounds; 1000 Pounds
2002: 5000 Pounds

Waste Code(s):

D024: M-CRESOL (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1998: 4000 Pounds; 4000 Pounds

Waste Code(s):

D025: P-CRESOL (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1999: 1200 Pounds

Waste Code(s):

D026: CRESOL (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1999: 39150 Pounds

Waste Code(s):

D034: HEXACHLOROETHANE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2001: 800 Pounds

Waste Code(s):

D035: METHYL ETHYL KETONE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1999: 2200 Pounds

Waste Code(s):

D038: PYRIDINE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1991: 6000 Pounds
1996: 7400 Pounds
2004: 600 Pounds
2005: 4080 Pounds; 900 Pounds

Waste Code(s):

D039: TETRACHLOROETHYLENE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1999: 400 Pounds

Waste Code(s):

F002: (Generic) The following spent halogenated solvents: tetrachloro-ethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2- trifluoroethane, orthodichlorobenzene, trichlorofluoromethane and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004 or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

Waste Amounts By Year:

1980/1981: 303 Pounds; 190 Pounds; 3200 Pounds; 1825 Pounds; 200 Pounds; 480 Pounds; 150 Pounds; 100 Pounds; 40 Pounds; 100 Pounds
1987: 6500 Pounds; 7500 Pounds; 2800 Pounds; 400 Pounds; 8500 Pounds; 20000 Pounds
1988: 12200 Pounds; 6600 Pounds; 200 Pounds; 2000 Pounds; 15600 Pounds; 1600 Pounds; 12000 Pounds; 250 Pounds; 1000 Pounds; 8000 Pounds; 13200 Pounds; 200 Pounds; 4000 Pounds
1989: 5200 Pounds; 10200 Pounds; 3200 Pounds; 10200 Pounds; 6000 Pounds; 40000 Pounds; 3300 Pounds; 3000 Pounds; 6400 Pounds; 1600 Pounds; 8000 Pounds; 4800 Pounds; 10500 Pounds; 4000 Pounds; 200 Pounds; 4200 Pounds; 800 Pounds; 13200 Pounds; 1600 Pounds; 4000 Pounds; 4000 Pounds
1990: 8200 Pounds; 3600 Pounds; 6600 Pounds; 5500 Pounds; 3000 Pounds; 9000 Pounds; 385 Pounds; 3600 Pounds; 9000 Pounds; 8500 Pounds; 7200 Pounds; 6000 Pounds; 300 Pounds; 11400 Pounds
1991: 6800 Pounds; 800 Pounds; 269 Pounds; 600 Pounds; 1000 Pounds; 1400 Pounds; 400 Pounds; 6600 Pounds; 6600 Pounds; 2600 Pounds; 1188 Pounds; 330 Pounds; 6200 Pounds; 1200 Pounds; 2400 Pounds; 3000 Pounds; 2600 Pounds; 5800 Pounds; 5000 Pounds; 4400 Pounds; 9600 Pounds; 795 Pounds; 330 Pounds; 148 Pounds; 3600 Pounds; 200 Pounds; 4500 Pounds; 5400 Pounds; 4800 Pounds; 2500 Pounds; 524 Pounds; 800 Pounds; 1400 Pounds; 1000 Pounds; 7000 Pounds; 1200 Pounds; 2000 Pounds; 800 Pounds; 1200 Pounds; 800 Pounds; 7700 Pounds; 470 Pounds;

4400 Pounds
1992: 400 Pounds; 10400 Pounds; 8800 Pounds; 4000 Pounds; 800 Pounds; 2400 Pounds; 400 Pounds; 12600 Pounds; 12600 Pounds; 3000 Pounds; 1200 Pounds; 400 Pounds; 200 Pounds; 1000 Pounds; 6400 Pounds; 7800 Pounds; 1600 Pounds; 1600 Pounds; 1200 Pounds; 19200 Pounds; 4800 Pounds; 3300 Pounds; 11800 Pounds; 3400 Pounds; 1510 Pounds; 2740 Pounds; 7407 Pounds; 5400 Pounds; 800 Pounds; 1600 Pounds; 7200 Pounds; 1600 Pounds; 5600 Pounds; 5000 Pounds; 6600 Pounds; 4000 Pounds; 6200 Pounds; 250 Pounds; 400 Pounds; 400 Pounds; 1600 Pounds; 1400 Pounds; 300 Pounds; 1000 Pounds; 400 Pounds; 1000 Pounds; 1000 Pounds; 750 Pounds; 800 Pounds; 2200 Pounds; 1200 Pounds; 9000 Pounds; 3000 Pounds; 3200 Pounds; 2800 Pounds; 4000 Pounds; 8000 Pounds; 2500 Pounds; 6000 Pounds; 10000 Pounds; 2000 Pounds; 2400 Pounds; 1000 Pounds; 400 Pounds; 1600 Pounds; 600 Pounds; 200 Pounds; 2800 Pounds
1993: 6400 Pounds; 10000 Pounds; 9600 Pounds; 1200 Pounds; 3600 Pounds; 400 Pounds; 4400 Pounds; 400 Pounds; 10800 Pounds; 600 Pounds; 7400 Pounds; 200 Pounds; 9000 Pounds; 600 Pounds; 800 Pounds; 1000 Pounds; 1400 Pounds; 600 Pounds; 2000 Pounds; 1000 Pounds; 13600 Pounds; 700 Pounds; 12800 Pounds; 3800 Pounds; 2400 Pounds; 10200 Pounds; 400 Pounds; 5200 Pounds
1994: 800 Pounds; 1000 Pounds; 600 Pounds; 800 Pounds; 800 Pounds; 600 Pounds; 400 Pounds; 800 Pounds; 2400 Pounds; 1200 Pounds; 800 Pounds; 1800 Pounds; 360 Pounds; 800 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 1600 Pounds; 600 Pounds; 17000 Pounds; 1200 Pounds; 1100 Pounds; 800 Pounds; 7400 Pounds; 200 Pounds; 1000 Pounds; 200 Pounds; 200 Pounds; 1000 Pounds; 600 Pounds; 800 Pounds; 12600 Pounds; 600 Pounds; 5000 Pounds; 600 Pounds; 1600 Pounds; 1200 Pounds; 600 Pounds; 2600 Pounds; 200 Pounds; 12600 Pounds; 200 Pounds; 500 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 400 Pounds
1995: 840 Pounds; 200 Pounds; 800 Pounds; 10800 Pounds; 1000 Pounds; 800 Pounds; 3560 Pounds; 800 Pounds; 1400 Pounds; 2200 Pounds; 800 Pounds; 2200 Pounds; 1280 Pounds; 800 Pounds; 4000 Pounds; 1000 Pounds; 400 Pounds; 800 Pounds; 800 Pounds; 1200 Pounds; 1600 Pounds; 1400 Pounds; 400 Pounds; 1000 Pounds; 2800 Pounds; 1400 Pounds; 400 Pounds; 4000 Pounds; 3850 Pounds; 800 Pounds; 2600 Pounds; 3840 Pounds; 5000 Pounds; 5400 Pounds; 5200 Pounds; 14600 Pounds; 1000 Pounds; 2800 Pounds; 3840 Pounds; 600 Pounds; 1200 Pounds; 2600 Pounds; 3840 Pounds; 400 Pounds; 1800 Pounds; 1200 Pounds; 3840 Pounds; 2400 Pounds; 18550 Pounds; 2300 Pounds; 1200 Pounds; 400 Pounds; 400 Pounds
1996: 3300 Pounds; 800 Pounds; 3800 Pounds; 600 Pounds; 800 Pounds; 6200 Pounds; 7400 Pounds; 5200 Pounds; 3800 Pounds; 600 Pounds; 7200 Pounds; 1000 Pounds; 1000 Pounds; 8600 Pounds; 3400 Pounds; 1100 Pounds; 600 Pounds; 800 Pounds; 1200 Pounds; 2800 Pounds; 400 Pounds; 1600 Pounds; 200 Pounds; 1800 Pounds; 1000 Pounds; 100 Pounds; 200 Pounds; 1800 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 1000 Pounds; 7200 Pounds; 1600 Pounds; 200 Pounds; 1600 Pounds; 800 Pounds; 4600 Pounds; 400 Pounds; 400 Pounds; 2000 Pounds; 400 Pounds; 1800 Pounds; 1600 Pounds; 5600 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 2600 Pounds; 2200 Pounds; 4400 Pounds; 600 Pounds; 1000 Pounds; 400 Pounds; 4200 Pounds; 3000 Pounds; 200 Pounds; 800 Pounds; 400 Pounds; 2600 Pounds; 7200 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 600 Pounds; 800 Pounds; 200 Pounds; 1200 Pounds; 200 Pounds; 1000 Pounds; 400 Pounds; 2400 Pounds; 1200 Pounds
1997: 4600 Pounds; 200 Pounds; 5600 Pounds; 800 Pounds; 5800 Pounds; 4200 Pounds; 1400 Pounds; 4800 Pounds; 400 Pounds; 400 Pounds; 600 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 1200 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 1800 Pounds; 3800 Pounds; 200 Pounds; 1200 Pounds; 3800 Pounds; 400 Pounds; 1000 Pounds; 3000 Pounds; 8800 Pounds; 200 Pounds; 7800 Pounds; 6200 Pounds; 8400 Pounds; 6800 Pounds; 400 Pounds; 400 Pounds; 1200 Pounds; 400 Pounds; 1200 Pounds; 2000 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 1800 Pounds; 1200 Pounds; 400 Pounds; 200 Pounds; 1200 Pounds; 800 Pounds; 3800 Pounds; 400 Pounds; 3800 Pounds; 1600 Pounds; 4200 Pounds; 200 Pounds; 1600 Pounds; 1000 Pounds; 800 Pounds; 1800 Pounds; 1200 Pounds; 8200 Pounds; 6200 Pounds; 400 Pounds
1998: 3600 Pounds; 3800 Pounds; 6400 Pounds; 4400 Pounds; 8400 Pounds; 7200 Pounds; 600 Pounds; 1800 Pounds; 5200 Pounds; 1200 Pounds; 3400 Pounds; 4600 Pounds; 2000 Pounds; 2000 Pounds; 10000 Pounds; 5800 Pounds; 6000 Pounds; 4600 Pounds; 5400 Pounds; 3400 Pounds; 400 Pounds; 2000 Pounds; 400 Pounds; 4600 Pounds; 28000 Pounds; 55 Gallons; 200 Pounds; 1400 Pounds; 800 Pounds; 400 Pounds; 9250 Pounds; 6200 Pounds; 5400 Pounds; 2600 Pounds; 1200 Pounds; 8800 Pounds; 2560 Pounds
1999: 800 Pounds; 1840 Pounds; 600 Pounds; 4200 Pounds; 4600 Pounds; 5800 Pounds; 12800 Pounds; 3160 Pounds; 840 Pounds; 1400 Pounds; 500 Pounds; 1200 Pounds; 12800 Pounds; 1520 Pounds; 1360 Pounds; 3800 Pounds; 1920 Pounds; 40000 Pounds; 2000 Pounds; 400 Pounds; 40000 Pounds; 2200 Pounds; 600 Pounds; 2560 Pounds; 400 Pounds; 400 Pounds; 20000 Pounds; 1200 Pounds; 1520 Pounds; 400 Pounds; 240 Pounds; 3400 Pounds; 900 Pounds; 4000 Pounds; 400 Pounds; 2520 Pounds
2000: 400 Pounds; 400 Pounds; 2000 Pounds; 1320 Pounds; 1000 Pounds; 6000 Pounds; 2480 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 1600 Pounds; 2520 Pounds; 200 Pounds; 1200 Pounds; 800 Pounds; 1400 Pounds; 1600 Pounds; 2600 Pounds; 400 Pounds; 800 Pounds; 8800 Pounds; 200 Pounds; 1400 Pounds; 2200 Pounds; 1200 Pounds; 1600 Pounds; 3200 Pounds; 600 Pounds; 960 Pounds; 600 Pounds; 800 Pounds; 800 Pounds; 3200 Pounds; 400 Pounds; 400 Pounds; 600 Pounds; 1400 Pounds; 400 Pounds; 400 Pounds; 440 Gallons; 400 Pounds; 700 Pounds; 400 Pounds; 1560 Pounds; 500 Pounds; 1600 Pounds; 200 Pounds; 400 Pounds
2001: 400 Pounds; 200 Pounds; 200 Pounds; 1600 Pounds; 400 Pounds; 600 Pounds; 800 Pounds; 600 Pounds; 1600 Pounds; 2000 Pounds; 1600 Pounds; 2000 Pounds; 1200 Pounds; 1800 Pounds; 3200 Pounds
2002: 200 Pounds; 800 Pounds; 1520 Pounds; 800 Pounds; 400 Pounds; 1600 Pounds; 800 Pounds
2003: 2680 Pounds; 1000 Pounds; 4200 Pounds; 1050 Pounds; 750 Pounds; 5000 Pounds; 5600 Pounds; 2320 Pounds; 400 Pounds; 150 Pounds; 2900 Pounds; 2000 Pounds; 400 Pounds; 400 Pounds; 150 Pounds; 150 Pounds; 400 Pounds; 450 Pounds; 3120 Pounds; 1500 Pounds; 2800 Pounds; 6560 Pounds
2004: 4400 Pounds; 450 Pounds; 1160 Pounds; 900 Pounds; 960 Pounds; 150 Pounds; 3400 Pounds; 1050 Pounds; 400 Pounds; 450 Pounds; 1360 Pounds; 4000 Pounds; 1160 Pounds; 300 Pounds; 1320 Pounds; 1200 Pounds; 240 Pounds; 1640 Pounds; 1160 Pounds; 1000 Pounds; 840 Pounds; 1120 Pounds; 1320 Pounds; 1800 Pounds; 1120 Pounds; 480 Pounds; 1600 Pounds; 1200 Pounds; 1160 Pounds; 600 Pounds; 920 Pounds
2005: 1480 Pounds; 750 Pounds; 600 Pounds; 900 Pounds; 1880 Pounds; 6800 Pounds; 1840 Pounds; 150 Pounds; 760 Pounds; 1280 Pounds; 1120 Pounds; 600 Pounds; 720 Pounds
2006: 27 Pounds

Waste Code(s):

F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

Waste Amounts By Year:

1987: 9400 Pounds; 4400 Pounds; 7000 Pounds; 4400 Pounds; 8000 Pounds; 4800 Pounds; 8200 Pounds; 3500 Pounds; 14500 Pounds; 6400 Pounds; 4200 Pounds; 6400 Pounds; 2600 Pounds; 2500 Pounds; 4750 Pounds; 14200 Pounds; 9250 Pounds; 11000 Pounds; 1600 Pounds; 5400 Pounds
1988: 600 Pounds; 1200 Pounds; 2000 Pounds; 800 Pounds; 40 Pounds; 75 Pounds; 400 Pounds; 400 Pounds; 2400 Pounds; 1200 Pounds; 2000 Pounds; 600 Pounds; 50 Pounds; 3800 Pounds; 2200 Pounds; 12400 Pounds; 3200 Pounds; 200 Pounds; 1200 Pounds; 3000 Pounds; 7600 Pounds; 4200 Pounds; 5400 Pounds; 3600 Pounds; 2400 Pounds; 6200 Pounds; 1200 Pounds; 1200 Pounds; 2600 Pounds; 4800 Pounds; 3800 Pounds; 5400 Pounds; 800 Pounds; 2800 Pounds; 1600 Pounds; 17000 Pounds; 3800 Pounds; 1200 Pounds; 3200 Pounds; 5600 Pounds; 3600 Pounds; 4400 Pounds; 1000 Pounds; 6200 Pounds; 4600 Pounds; 5000 Pounds; 3000 Pounds; 355 Pounds; 9600 Pounds; 1200 Pounds; 2200 Pounds; 4600 Pounds; 9200 Pounds; 9200 Pounds; 1800 Pounds; 8400 Pounds; 6400 Pounds; 800 Pounds; 6800 Pounds; 5600 Pounds; 21200 Pounds; 800 Pounds; 11200 Pounds; 7200 Pounds; 21250 Pounds; 12800 Pounds; 7800 Pounds; 18000 Pounds; 9200 Pounds; 6200 Pounds; 8200 Pounds; 6400 Pounds; 2000 Pounds; 1400 Pounds; 7600 Pounds; 12800 Pounds; 3750 Pounds; 400 Pounds; 300 Pounds; 400 Pounds; 2000 Pounds; 7800 Pounds; 7400 Pounds; 11500 Pounds; 22500 Pounds; 3600 Pounds; 5000 Pounds; 18000 Pounds; 24400 Pounds; 11000 Pounds; 35200 Pounds; 5000 Pounds; 2800 Pounds; 1000 Pounds; 2400 Pounds; 7200 Pounds; 800 Pounds; 12600 Pounds; 4000 Pounds; 10800 Pounds; 28000 Pounds; 29500 Pounds; 3800 Pounds; 16000 Pounds; 8400 Pounds; 3600 Pounds; 3300 Pounds; 4400 Pounds
1989: 10000 Pounds; 3200 Pounds; 2000 Pounds; 200 Pounds; 5400 Pounds; 1200 Pounds; 5400 Pounds; 800 Pounds; 800 Pounds; 11200 Pounds; 2800 Pounds; 800 Pounds; 6800 Pounds; 3400 Pounds; 4800 Pounds; 1600 Pounds; 4800 Pounds; 600 Pounds; 7000 Pounds; 7200 Pounds; 1600 Pounds; 1600 Pounds; 3600 Pounds; 9200 Pounds; 9500 Pounds; 400 Pounds; 2400 Pounds; 1800 Pounds; 5200 Pounds; 200 Pounds; 2200 Pounds; 5200 Pounds; 3400 Pounds; 2800 Pounds; 200 Pounds; 1800 Pounds; 400 Pounds; 200 Pounds; 3000 Pounds; 200 Pounds; 900 Pounds; 400 Pounds; 3800 Pounds; 2400 Pounds; 1800 Pounds; 7200 Pounds; 1600 Pounds; 9200 Pounds; 600 Pounds; 2000 Pounds; 5000 Pounds; 800 Pounds; 7400 Pounds; 1200 Pounds; 5600 Pounds; 3600 Pounds; 600 Pounds; 400 Pounds; 2000 Pounds; 24000 Pounds; 8600 Pounds; 4400 Pounds; 10000 Pounds; 7200 Pounds; 5000 Pounds; 3600 Pounds; 1200 Pounds; 800 Pounds; 2400 Pounds; 13000 Pounds; 5200 Pounds; 2800 Pounds; 3600 Pounds; 6000 Pounds; 2600 Pounds; 3800 Pounds; 1400 Pounds; 800 Pounds; 4000 Pounds; 11800 Pounds; 7800 Pounds; 5200 Pounds; 4800 Pounds; 200 Pounds; 2000 Pounds; 6600 Pounds; 11600 Pounds; 6600 Pounds; 6200 Pounds; 2200 Pounds; 400 Pounds; 4000 Pounds; 8800 Pounds; 8400 Pounds; 6000 Pounds; 1600 Pounds; 5600 Pounds; 10800 Pounds; 2800 Pounds; 9200 Pounds; 2000 Pounds; 400 Pounds; 5400 Pounds; 5600 Pounds; 3600 Pounds; 2000 Pounds; 900 Pounds; 7400 Pounds; 10600 Pounds; 5600 Pounds; 2400 Pounds; 1200 Pounds; 600 Pounds; 4800 Pounds; 800 Pounds; 2800 Pounds
1990: 2400 Pounds; 8000 Pounds; 5500 Pounds; 5800 Pounds; 1200 Pounds; 600 Pounds; 2400 Pounds; 1200 Pounds; 2400 Pounds; 800 Pounds; 5400 Pounds; 14250 Pounds; 10200 Pounds; 7400 Pounds; 1200 Pounds; 4800 Pounds; 5600 Pounds; 6800 Pounds; 6000 Pounds; 9600 Pounds; 3200 Pounds; 3000 Pounds; 3900 Pounds; 6000 Pounds; 400 Pounds; 700 Pounds; 5200 Pounds; 2800 Pounds; 8000 Pounds; 3800 Pounds; 1400 Pounds; 6400 Pounds; 400 Pounds; 600 Pounds; 600 Pounds; 1200 Pounds; 3000 Pounds; 9600 Pounds; 9800 Pounds; 400 Pounds; 5200 Pounds; 5200 Pounds; 8000 Pounds; 5000 Pounds; 1600 Pounds; 3200 Pounds; 2600 Pounds; 4000 Pounds; 800 Pounds; 200 Pounds; 5400 Pounds; 500 Pounds; 6200 Pounds; 9800 Pounds; 1200 Pounds; 5000 Pounds; 400 Pounds; 4000 Pounds; 2800 Pounds; 4000 Pounds; 600 Pounds; 4200 Pounds; 1090 Pounds; 8400 Pounds; 2200 Pounds; 2700 Pounds; 1600 Pounds; 2400 Pounds; 7600 Pounds; 10200 Pounds; 800 Pounds; 5800 Pounds; 5600 Pounds; 4000 Pounds; 1200 Pounds; 3600 Pounds; 2800 Pounds; 2800 Pounds; 7800 Pounds; 600 Pounds; 3600 Pounds; 600 Pounds; 198 Pounds; 6400 Pounds; 400 Pounds; 600 Pounds; 4600 Pounds; 3000 Pounds; 2400 Pounds; 600 Pounds; 5600 Pounds; 600 Pounds; 6800 Pounds; 800 Pounds; 3600 Pounds; 1800 Pounds; 5200 Pounds; 4500 Pounds; 200 Pounds
1991: 1200 Pounds; 2800 Pounds; 400 Pounds; 7400 Pounds; 12200 Pounds; 1200 Pounds; 200 Pounds; 300 Pounds; 6400 Pounds; 400 Pounds; 4800 Pounds; 15300 Pounds; 2400 Pounds; 179 Pounds; 200 Pounds; 200 Pounds; 2000 Pounds; 1400 Pounds; 6600 Pounds; 6400 Pounds; 11400 Pounds; 1200 Pounds; 3200 Pounds; 2400 Pounds; 500 Pounds; 2000 Pounds; 800 Pounds; 2000 Pounds; 7800 Pounds; 353 Pounds; 61 Pounds; 360 Pounds; 2000 Pounds; 200 Pounds; 7200 Pounds; 600 Pounds; 13600 Pounds; 7600 Pounds; 360 Pounds; 511 Pounds; 360 Pounds; 450 Pounds; 180 Pounds; 97 Pounds; 103 Pounds
1992: 11000 Pounds; 450 Pounds; 6000 Pounds; 4800 Pounds; 90 Pounds; 150 Pounds; 2520 Pounds; 120 Pounds; 400 Pounds; 18304 Pounds; 11000 Pounds; 1000 Pounds; 2800 Pounds; 400 Pounds; 400 Pounds; 1000 Pounds; 1800 Pounds; 6250 Pounds; 800 Pounds; 1000 Pounds; 400 Pounds; 800 Pounds; 750 Pounds; 1200 Pounds; 500 Pounds; 800 Pounds; 1800 Pounds; 9200 Pounds; 120 Pounds; 1700 Pounds; 10500 Pounds; 3200 Pounds; 6800 Pounds; 250 Pounds; 1389 Pounds; 1260 Pounds; 800 Pounds; 7200 Pounds; 2800 Pounds
1993: 1200 Pounds; 200 Pounds; 2200 Pounds; 200 Pounds; 400 Pounds; 800 Pounds; 8400 Pounds; 3600 Pounds; 2400 Pounds; 6200 Pounds; 3000 Pounds; 7200 Pounds; 6400 Pounds; 1440 Pounds; 11400 Pounds; 400 Pounds; 6000 Pounds; 1600 Pounds; 600 Pounds; 1600 Pounds; 200 Pounds; 180 Pounds
1994: 2400 Pounds; 10800 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 1200 Pounds; 1200 Pounds; 2800 Pounds; 400 Pounds; 1000 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 600 Pounds; 300 Pounds; 11000 Pounds; 400 Pounds; 400 Pounds; 5200 Pounds; 800 Pounds; 2000 Pounds; 2000 Pounds; 7200 Pounds; 200 Pounds; 400 Pounds; 1000 Pounds; 400 Pounds; 1600 Pounds; 1000 Pounds; 800 Pounds; 400 Pounds; 11800 Pounds; 11800 Pounds; 300 Pounds; 400 Pounds; 150 Pounds; 1200 Pounds; 9800 Pounds; 1000 Pounds; 10400 Pounds; 10800 Pounds; 8400 Pounds; 8400 Pounds; 200 Pounds; 200 Pounds; 1200 Pounds; 8000 Pounds; 1000 Pounds; 1200 Pounds; 1200 Pounds; 12200 Pounds; 800 Pounds
1995: 600 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 3800 Pounds; 800 Pounds; 800 Pounds; 3400 Pounds; 11000 Pounds; 800 Pounds; 800 Pounds; 5200 Pounds; 800 Pounds; 1800 Pounds; 600 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 500 Pounds; 600 Pounds; 200 Pounds; 1400 Pounds; 200 Pounds; 4000 Pounds; 400 Pounds; 1200 Pounds; 3360 Pounds; 200 Pounds; 200 Pounds; 4800 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 800 Pounds; 2800 Pounds; 100 Pounds; 1200 Pounds; 1000 Pounds; 7600 Pounds; 1920 Pounds; 800 Pounds; 200 Pounds; 8200 Pounds; 10600 Pounds; 2000 Pounds; 400 Pounds; 800 Pounds; 3200 Pounds; 1000 Pounds
1996: 2400 Pounds; 1600 Pounds; 600 Pounds; 1600 Pounds; 3200 Pounds; 1200 Pounds; 800 Pounds; 80 Pounds; 200 Pounds; 600 Pounds; 600 Pounds; 600 Pounds; 1000 Pounds; 2000 Pounds; 200 Pounds; 1400 Pounds; 1400 Pounds; 600 Pounds; 1400 Pounds; 800 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 2400 Pounds; 200 Pounds; 1400 Pounds; 400 Pounds; 200 Pounds; 600 Pounds; 200 Pounds; 400 Pounds; 600 Pounds; 2000 Pounds; 400 Pounds; 400 Pounds; 1000 Pounds; 100 Pounds; 800 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 400 Pounds; 600 Pounds; 200 Pounds; 300 Pounds; 200 Pounds; 3200 Pounds; 1600 Pounds; 1200 Pounds; 2200 Pounds; 200 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 1200 Pounds; 400 Pounds; 1400 Pounds; 1600 Pounds; 200 Pounds; 600 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 100 Pounds; 2400 Pounds; 3400 Pounds; 600 Pounds
1997: 200 Pounds; 200 Pounds; 1600 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 600 Pounds; 600 Pounds; 1600 Pounds; 400 Pounds; 1200 Pounds; 200 Pounds; 2000 Pounds; 1800 Pounds; 600 Pounds; 400 Pounds; 3000 Pounds; 2400 Pounds; 2600 Pounds; 200 Pounds; 1000 Pounds; 2000 Pounds; 1800 Pounds; 800 Pounds; 1000 Pounds; 1000 Pounds; 2600 Pounds; 1000 Pounds; 3600 Pounds; 200 Pounds; 1400 Pounds; 4002 Pounds; 800 Pounds; 800 Pounds; 2000 Pounds; 400 Pounds; 4100 Pounds; 600 Pounds; 1800 Pounds; 200 Pounds; 7000 Pounds; 15400 Pounds; 800 Pounds; 1600 Pounds; 600 Pounds; 200 Pounds; 2200 Pounds

1998: 800 Pounds; 4000 Pounds; 1400 Pounds; 400 Pounds; 600 Pounds; 1000 Pounds; 5600 Pounds; 1200 Pounds; 1600 Pounds; 6800 Pounds; 6200 Pounds; 400 Pounds; 1200 Pounds; 600 Pounds; 400 Pounds; 400 Pounds; 2400 Pounds; 100 Pounds; 200 Pounds; 800 Pounds; 400 Pounds; 6000 Pounds; 3200 Pounds; 21400 Pounds; 400 Pounds; 800 Pounds; 600 Pounds; 800 Pounds; 2000 Pounds; 1000 Pounds; 600 Pounds; 800 Pounds; 600 Pounds; 1800 Pounds; 400 Pounds; 1960 Pounds; 400 Pounds; 200 Pounds; 1000 Pounds; 31000 Pounds; 600 Pounds; 6000 Pounds; 5800 Pounds; 3200 Pounds; 200 Pounds; 1000 Pounds; 4600 Pounds; 6600 Pounds; 5000 Pounds; 600 Pounds; 1500 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 26901 Pounds; 800 Pounds; 200 Pounds; 800 Pounds; 5200 Pounds; 480 Pounds; 10000 Pounds; 400 Pounds; 800 Pounds; 800 Pounds; 400 Pounds; 1050 Pounds; 2400 Pounds; 2000 Pounds; 600 Pounds
1999: 2080 Pounds; 600 Pounds; 8000 Pounds; 800 Pounds; 2800 Pounds; 1840 Pounds; 1600 Pounds; 13000 Pounds; 3600 Pounds; 2000 Pounds; 2400 Pounds; 1800 Pounds; 8200 Pounds; 600 Pounds; 200 Pounds; 600 Pounds; 1200 Pounds; 1000 Pounds; 6400 Pounds; 1280 Pounds; 3150 Pounds; 4000 Pounds; 960 Pounds; 200 Pounds; 600 Pounds; 3460 Pounds; 200 Pounds; 600 Pounds; 1000 Pounds; 960 Pounds; 1240 Pounds; 1920 Pounds; 1200 Pounds; 1400 Pounds; 1800 Pounds; 600 Pounds; 4900 Pounds; 1040 Pounds; 400 Pounds; 4400 Pounds; 900 Pounds; 800 Pounds; 5200 Pounds; 1520 Pounds; 200 Pounds; 1200 Pounds; 400 Pounds; 2900 Pounds; 600 Pounds; 540 Pounds; 10800 Pounds; 880 Pounds; 400 Pounds; 960 Pounds; 600 Pounds; 1000 Pounds; 3400 Pounds; 2200 Pounds; 12000 Pounds; 1040 Pounds; 6800 Pounds; 8000 Pounds; 1800 Pounds; 4000 Pounds; 11600 Pounds; 1200 Pounds; 600 Pounds; 1600 Pounds; 150 Pounds; 1040 Pounds; 200 Pounds; 2880 Pounds; 5800 Pounds; 3840 Pounds; 9500 Pounds; 10000 Pounds; 400 Pounds; 200 Pounds; 1400 Pounds
2000: 400 Pounds; 200 Pounds; 400 Pounds; 600 Pounds; 2240 Pounds; 800 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 360 Pounds; 1000 Pounds; 760 Pounds; 560 Pounds; 18800 Pounds; 800 Pounds; 4400 Pounds; 440 Pounds; 4000 Pounds; 1480 Pounds; 400 Pounds; 5625 Pounds; 2000 Pounds; 400 Pounds; 400 Pounds; 14000 Pounds; 11120 Pounds; 300 Pounds; 2400 Pounds; 600 Pounds; 200 Pounds; 1700 Pounds; 2200 Pounds; 1200 Pounds; 1200 Pounds; 1400 Pounds; 200 Pounds; 1360 Pounds; 1600 Pounds; 3300 Pounds; 3200 Pounds; 7200 Pounds; 800 Pounds; 1600 Pounds; 1600 Pounds; 800 Pounds; 3000 Pounds; 400 Pounds; 5000 Pounds; 1520 Pounds; 14000 Pounds; 5600 Pounds; 4050 Pounds; 800 Pounds; 600 Pounds; 880 Pounds; 17200 Pounds; 3862 Pounds; 600 Pounds; 400 Pounds; 100 Pounds; 2000 Pounds; 400 Pounds; 1400 Pounds; 11840 Pounds; 150 Pounds; 2600 Pounds; 13100 Pounds; 5800 Pounds
2001: 1000 Pounds; 800 Pounds; 800 Pounds; 2800 Pounds; 1800 Pounds; 3400 Pounds; 4000 Pounds; 2400 Pounds; 600 Pounds; 800 Pounds; 1200 Pounds; 1200 Pounds; 3000 Pounds; 200 Pounds; 400 Pounds; 20 Gallons; 200 Pounds; 150 Pounds
2002: 1800 Pounds; 360 Pounds; 1000 Pounds; 3600 Pounds; 3000 Pounds; 400 Pounds; 800 Pounds; 6000 Pounds; 2080 Pounds; 320 Pounds; 2800 Pounds; 400 Pounds; 136 Pounds; 600 Pounds; 920 Pounds; 800 Pounds; 800 Pounds; 600 Pounds; 600 Pounds; 200 Pounds
2003: 150 Pounds; 300 Pounds; 150 Pounds; 160 Pounds; 150 Pounds; 2720 Pounds; 1000 Pounds; 300 Pounds; 3840 Pounds; 600 Pounds; 3600 Pounds; 8100 Pounds; 400 Pounds; 150 Pounds; 150 Pounds; 150 Pounds; 600 Pounds; 150 Pounds; 150 Pounds; 4000 Pounds; 5600 Pounds; 2560 Pounds; 560 Pounds; 400 Pounds; 560 Pounds; 360 Pounds; 2160 Pounds; 800 Pounds; 1520 Pounds; 150 Pounds; 1800 Pounds; 450 Pounds; 240 Pounds; 3920 Pounds; 2640 Pounds; 5200 Pounds; 200 Pounds; 16520 Pounds; 400 Pounds; 1120 Pounds; 150 Pounds; 480 Pounds; 320 Pounds; 3600 Pounds; 5480 Pounds
2004: 440 Pounds; 6800 Pounds; 840 Pounds; 680 Pounds; 800 Pounds; 480 Pounds; 1050 Pounds; 360 Pounds; 640 Pounds; 760 Pounds; 320 Pounds; 160 Pounds; 680 Pounds; 800 Pounds; 1200 Pounds; 920 Pounds; 680 Pounds; 450 Pounds; 300 Pounds; 300 Pounds; 6400 Pounds; 1200 Pounds; 200 Pounds; 2450 Pounds; 960 Pounds; 1760 Pounds; 1500 Pounds; 1750 Pounds; 3500 Pounds; 160 Pounds; 1080 Pounds; 1200 Pounds; 4200 Pounds; 1800 Pounds; 720 Pounds; 4240 Pounds; 200 Pounds; 600 Pounds; 8600 Pounds; 300 Pounds; 600 Pounds; 600 Pounds; 450 Pounds; 450 Pounds; 200 Pounds; 450 Pounds; 450 Pounds; 600 Pounds; 450 Pounds; 300 Pounds; 150 Pounds; 900 Pounds; 120 Pounds; 1800 Pounds; 640 Pounds; 200 Pounds; 960 Pounds; 150 Pounds; 300 Pounds; 900 Pounds; 300 Pounds; 900 Pounds; 480 Pounds; 400 Pounds; 150 Pounds; 1320 Pounds; 4100 Pounds; 300 Pounds; 150 Pounds; 4600 Pounds; 3200 Pounds; 1520 Pounds; 1500 Pounds; 2000 Pounds; 300 Pounds; 880 Pounds; 640 Pounds; 440 Pounds
2005: 880 Pounds; 300 Pounds; 160 Pounds; 480 Pounds; 320 Pounds; 640 Pounds; 1280 Pounds; 1000 Pounds; 700 Pounds; 450 Pounds; 600 Pounds; 2100 Pounds; 450 Pounds; 150 Pounds; 280 Pounds; 440 Pounds; 150 Pounds; 1350 Pounds; 1350 Pounds; 14000 Pounds; 7000 Pounds; 1000 Pounds; 2770 Pounds; 4200 Pounds; 3600 Pounds; 2900 Pounds; 1800 Pounds; 600 Pounds; 300 Pounds; 440 Pounds; 980 Pounds; 300 Pounds

Waste Code(s):

D003: REACTIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1980/1981: 450 Pounds; 700 Pounds; 500 Pounds; 400 Pounds; 240 Pounds; 300 Pounds; 625 Pounds
1982: 450 Pounds; 450 Pounds; 300 Pounds; 24 Pounds; 450 Pounds; 12 Pounds; 480 Pounds; 7950 Pounds; 26 Pounds; 1200 Pounds
1983: 15 Pounds; 5025 Pounds; 600 Pounds; 4000 Pounds; 600 Pounds; 112 Pounds; 225 Pounds; 300 Pounds
1984: 30 Pounds; 50 Pounds; 325 Pounds; 600 Pounds
1985: 825 Pounds; 482 Pounds; 559 Pounds; 205 Pounds; 1000 Pounds; 1000 Pounds; 200 Pounds; 150 Pounds
1986: 847 Pounds; 8850 Pounds; 168 Pounds; 775 Pounds
1987: 2800 Pounds; 600 Pounds; 3400 Pounds; 725 Pounds; 450 Pounds; 1700 Pounds
1988: 100 Pounds; 4350 Pounds; 80 Pounds; 1500 Pounds; 25 Pounds; 480 Pounds; 60 Pounds; 105 Pounds; 38 Pounds; 500 Pounds; 1 Pounds; 20 Pounds; 50 Pounds; 500 Pounds; 35 Pounds; 500 Pounds
1989: 800 Pounds; 400 Pounds
1990: 1593 Pounds; 447 Pounds; 410 Pounds; 200 Pounds; 157 Pounds
1991: 120 Pounds; 180 Pounds; 142 Pounds; 90 Pounds; 90 Pounds; 172 Pounds; 675 Pounds
1992: 120 Pounds; 463 Pounds; 200 Pounds; 400 Pounds; 180 Pounds; 90 Pounds; 400 Pounds
1993: 182 Pounds; 600 Pounds; 90 Pounds; 90 Pounds
1994: 4000 Pounds; 1400 Pounds; 500 Pounds
1995: 180 Pounds; 360 Pounds
1996: 7 Pounds; 2 Pounds; 300 Pounds; 200 Pounds
1997: 8950 Pounds; 2200 Pounds
1998: 2123 Pounds; 200 Pounds; 900 Pounds; 2000 Pounds
1999: 400 Pounds; 2250 Pounds; 350 Pounds; 200 Pounds

2000: 400 Pounds; 400 Pounds; 125 Pounds
2001: 1 Pounds; 4 Pounds; 1 Pounds
2002: 284 Pounds
2005: 5 Pounds

Waste Code(s):

D004: ARSENIC (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1980/1981: 1000 Pounds; 240 Pounds; 400 Pounds; 5200 Pounds; 200 Pounds; 240 Pounds; 1575 Pounds; 1400 Pounds; 400 Pounds; 450 Pounds; 720 Pounds; 240 Pounds; 240 Pounds; 450 Pounds
1982: 240 Pounds
1985: 600 Pounds; 800 Pounds
1986: 2250 Pounds; 1000 Pounds; 2400 Pounds; 800 Pounds; 2600 Pounds; 400 Pounds; 2250 Pounds; 1000 Pounds; 2400 Pounds
1987: 400 Pounds; 2400 Pounds; 200 Pounds; 800 Pounds; 800 Pounds; 2400 Pounds; 2000 Pounds; 800 Pounds; 1600 Pounds; 400 Pounds; 1600 Pounds; 800 Pounds; 18900 Pounds; 800 Pounds; 300 Pounds; 1750 Pounds; 400 Pounds; 400 Pounds; 1600 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 800 Pounds
1988: 200 Pounds; 825 Pounds; 750 Pounds; 80 Pounds; 840 Pounds; 465 Pounds; 150 Pounds
1990: 200 Pounds; 152 Pounds; 600 Pounds; 750 Pounds; 600 Pounds; 800 Pounds; 600 Pounds; 800 Pounds; 200 Pounds; 600 Pounds; 627 Pounds; 200 Pounds; 400 Pounds; 400 Pounds
1991: 260 Pounds
1994: 600 Pounds; 2800 Pounds
1996: 1400 Pounds; 200 Pounds; 200 Pounds
1999: 2000 Pounds; 1200 Pounds; 18941 Pounds; 30209 Pounds
2000: 200 Pounds
2001: 12000 Pounds
2002: 800 Pounds; 600 Pounds
2004: 300 Pounds
2005: 1200 Pounds

Waste Code(s):

F004: (Generic) The following spent nonhalogenated solvents: cresols and cresylic acid, and nitrobenzene; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

Waste Amounts By Year:

1989: 400 Pounds; 400 Pounds
1994: 1000 Pounds

Waste Code(s):

D005: BARIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1984: 2400 Pounds
1985: 3100 Pounds; 2100 Pounds; 1500 Pounds; 4800 Pounds; 7000 Pounds; 5800 Pounds; 2400 Pounds; 3200 Pounds; 1400 Pounds; 5400 Pounds; 600 Pounds; 200 Pounds; 6250 Pounds; 3200 Pounds
1986: 800 Pounds; 450 Pounds; 400 Pounds; 300 Pounds; 5800 Pounds; 2400 Pounds; 3825 Pounds; 3400 Pounds; 3000 Pounds; 4286 Pounds; 1600 Pounds; 800 Pounds; 1800 Pounds; 800 Pounds; 400 Pounds; 225 Pounds; 600 Pounds; 8800 Pounds; 1200 Pounds; 1200 Pounds; 10200 Pounds; 2025 Pounds; 3200 Pounds; 5000 Pounds; 4000 Pounds; 1000 Pounds; 600 Pounds; 1600 Pounds; 400 Pounds; 400 Pounds; 1200 Pounds; 600 Pounds; 600 Pounds; 400 Pounds; 1000 Pounds
1987: 1000 Pounds; 4200 Pounds; 750 Pounds; 2750 Pounds; 300 Pounds; 1400 Pounds; 750 Pounds; 3000 Pounds; 200 Pounds; 200 Pounds; 1200 Pounds; 400 Pounds; 3200 Pounds; 800 Pounds; 1000 Pounds; 400 Pounds; 1000 Pounds; 2400 Pounds; 1600 Pounds; 800 Pounds; 7750 Pounds; 500 Pounds; 4000 Pounds; 200 Pounds; 3600 Pounds; 2600 Pounds; 800 Pounds; 1250 Pounds; 11900 Pounds; 200 Pounds; 300 Pounds; 200 Pounds; 7500 Pounds; 2000 Pounds; 1400 Pounds; 2400 Pounds; 3800 Pounds; 1200 Pounds; 600 Pounds; 2750 Pounds; 250 Pounds; 3000 Pounds; 4200 Pounds; 2800 Pounds; 2000 Pounds; 500 Pounds; 1000 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 200 Pounds
1988: 300 Pounds; 200 Pounds; 2200 Pounds; 800 Pounds; 1200 Pounds; 2500 Pounds; 1200 Pounds; 1000 Pounds; 3200 Pounds; 200 Pounds; 400 Pounds; 600 Pounds; 160 Pounds; 800 Pounds; 1800 Pounds; 1000 Pounds; 400 Pounds; 200 Pounds; 1200 Pounds; 200 Pounds; 400 Pounds; 1200 Pounds; 300 Pounds; 1200 Pounds; 600 Pounds; 600 Pounds; 300 Pounds; 200 Pounds; 1000 Pounds; 600 Pounds; 500 Pounds; 200 Pounds
1989: 400 Pounds; 400 Pounds; 1800 Pounds; 800 Pounds; 300 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 1200 Pounds; 1200 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 600 Pounds; 1400 Pounds; 400 Pounds; 1000 Pounds; 600 Pounds; 600 Pounds; 3000 Pounds; 600 Pounds; 600 Pounds
1990: 400 Pounds; 1800 Pounds; 1400 Pounds; 1000 Pounds; 200 Pounds; 200 Pounds; 1200 Pounds; 200 Pounds; 200 Pounds; 600 Pounds; 2600 Pounds; 800 Pounds; 1600 Pounds; 400 Pounds; 4800 Pounds; 1400 Pounds; 1200 Pounds; 2000 Pounds; 1600 Pounds; 1600 Pounds; 1600 Pounds;

2600 Pounds; 200 Pounds; 400 Pounds; 400 Pounds
1991: 1400 Pounds; 1400 Pounds
1992: 1500 Pounds
1993: 400 Pounds
1994: 800 Pounds
1995: 400 Pounds; 200 Pounds
1996: 600 Pounds; 400 Pounds; 200 Pounds
1997: 400 Pounds; 400 Pounds
1998: 1600 Pounds; 2000 Pounds
1999: 2000 Pounds; 1050 Pounds
2000: 3200 Pounds; 400 Pounds
2001: 400 Pounds; 1200 Pounds; 200 Pounds; 2 Gallons
2002: 400 Pounds
2003: 150 Pounds
2005: 400 Pounds

Waste Code(s):

D005: BARIUM (Waste Code Description from EPA Hazardous Waste Identification)
D007: CHROMIUM (Waste Code Description from EPA Hazardous Waste Identification)
D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2006: 300 Pounds

Waste Code(s):

D005: BARIUM (Waste Code Description from EPA Hazardous Waste Identification)
D007: CHROMIUM (Waste Code Description from EPA Hazardous Waste Identification)
D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)
D009: MERCURY (Waste Code Description from EPA Hazardous Waste Identification)
D011: SILVER (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2006: 300 Pounds

Waste Code(s):

D006: CADMIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1982: 1150 Pounds; 100 Pounds
1985: 950 Pounds
1987: 200 Pounds; 400 Pounds
1988: 400 Pounds
1989: 2000 Pounds
1990: 600 Pounds
1991: 3500 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 20750 Pounds; 800 Pounds; 2800 Pounds; 400 Pounds
1992: 200 Pounds
1993: 800 Pounds
1995: 1000 Pounds; 1600 Pounds; 2400 Pounds
1996: 400 Pounds; 2800 Pounds; 200 Pounds; 200 Pounds
1997: 3200 Pounds; 3200 Pounds; 1200 Pounds; 1200 Pounds; 3200 Pounds; 1200 Pounds; 1200 Pounds; 1200 Pounds; 3200 Pounds; 1200 Pounds; 3200 Pounds; 3200 Pounds
1999: 8345 Pounds; 800 Pounds; 800 Pounds; 800 Pounds; 800 Pounds; 800 Pounds
2000: 2600 Pounds; 2000 Pounds; 10400 Pounds; 200 Pounds; 1200 Pounds
2001: 1200 Pounds; 7000 Pounds; 800 Pounds; 550 Pounds
2002: 400 Pounds
2003: 1600 Pounds; 800 Pounds; 3200 Pounds
2005: 1500 Pounds; 5660 Pounds
2006: 600 Pounds

Waste Code(s):

U122: (50-00-0) Formaldehyde

Waste Amounts By Year:

1980/1981: 800 Pounds; 400 Pounds
1982: 400 Pounds; 2100 Pounds; 1200 Pounds; 800 Pounds
1983: 2000 Pounds; 1600 Pounds; 1600 Pounds; 1600 Pounds
1985: 360 Pounds; 40 Pounds; 600 Pounds; 480 Pounds; 3200 Pounds; 3200 Pounds
1986: 400 Pounds; 400 Pounds; 3000 Pounds; 2000 Pounds; 2150 Pounds; 2150 Pounds; 2400 Pounds; 2400 Pounds; 800 Pounds; 500 Pounds; 3200 Pounds; 5600 Pounds; 750 Pounds; 400 Pounds; 3200 Pounds; 6000 Pounds; 1600 Pounds; 3000 Pounds
1987: 800 Pounds; 800 Pounds; 800 Pounds; 2000 Pounds; 2000 Pounds; 800 Pounds; 1600 Pounds; 800 Pounds; 800 Pounds; 800 Pounds; 675 Pounds; 1600 Pounds; 400 Pounds; 1500 Pounds; 800 Pounds; 2000 Pounds; 1200 Pounds; 600 Pounds; 800 Pounds; 400 Pounds; 2000 Pounds; 400 Pounds; 400 Pounds; 360 Pounds; 400 Pounds; 2000 Pounds; 400 Pounds; 2000 Pounds; 300 Pounds; 1500 Pounds; 2400 Pounds; 1200 Pounds; 2000 Pounds; 250 Pounds; 2000 Pounds; 400 Pounds; 400 Pounds
1988: 80 Pounds; 1200 Pounds; 800 Pounds; 1725 Pounds; 300 Pounds; 3500 Pounds; 200 Pounds; 1200 Pounds; 300 Pounds; 300 Pounds; 2400 Pounds; 1200 Pounds; 1600 Pounds; 400 Pounds; 300 Pounds; 2000 Pounds; 2400 Pounds; 400 Pounds; 1500 Pounds; 2800 Pounds; 760 Pounds; 2800 Pounds; 600 Pounds; 150 Pounds; 150 Pounds; 80 Pounds; 300 Pounds; 2800 Pounds; 1550 Pounds; 1520 Pounds; 2300 Pounds; 800 Pounds; 400 Pounds; 1400 Pounds; 2400 Pounds; 50 Pounds; 200 Pounds; 4500 Pounds; 2000 Pounds; 500 Pounds; 3000 Pounds; 800 Pounds; 1600 Pounds; 1600 Pounds; 1200 Pounds; 400 Tons; 1200 Pounds; 350 Pounds; 880 Pounds; 400 Pounds; 500 Pounds; 400 Pounds; 5000 Pounds; 400 Pounds; 1000 Pounds; 1200 Pounds
1989: 2100 Pounds; 700 Pounds; 200 Pounds; 1200 Pounds; 200 Pounds; 1400 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 2800 Pounds; 1600 Pounds; 600 Pounds; 800 Pounds; 800 Pounds; 80 Pounds; 900 Pounds; 240 Pounds; 1400 Pounds; 1600 Pounds; 6750 Pounds; 2400 Pounds; 2800 Pounds; 2800 Pounds; 800 Pounds; 1600 Pounds; 1600 Pounds; 1200 Pounds; 800 Pounds; 1600 Pounds; 1000 Pounds; 1200 Pounds; 600 Pounds; 2000 Pounds; 1200 Pounds; 3600 Pounds; 12400 Pounds
1990: 4500 Pounds; 1500 Pounds; 2000 Pounds; 600 Pounds; 1200 Pounds; 1200 Pounds; 400 Pounds; 3000 Pounds; 500 Pounds; 2000 Pounds; 400 Pounds; 3600 Pounds; 200 Pounds; 600 Pounds; 2000 Pounds; 1600 Pounds; 2400 Pounds; 1200 Pounds; 1200 Pounds; 200 Pounds; 1200 Pounds; 1400 Pounds; 200 Pounds; 4800 Pounds; 400 Pounds; 200 Pounds; 700 Pounds; 4000 Pounds; 5000 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 3200 Pounds; 2000 Pounds; 200 Pounds; 200 Pounds; 1500 Pounds; 200 Pounds
1991: 360 Pounds; 1200 Pounds; 300 Pounds; 400 Pounds; 400 Pounds; 740 Pounds; 200 Pounds; 2400 Pounds; 200 Pounds; 1000 Pounds; 2000 Pounds; 400 Pounds; 1000 Pounds; 300 Pounds; 400 Pounds; 2200 Pounds; 3600 Pounds; 1000 Pounds; 3600 Pounds; 200 Pounds; 180 Pounds; 600 Pounds; 90 Pounds; 350 Pounds; 1000 Pounds; 3000 Pounds; 1200 Pounds; 1600 Pounds
1992: 1600 Pounds; 1600 Pounds; 400 Pounds; 180 Pounds; 2800 Pounds; 300 Pounds; 800 Pounds; 1800 Pounds; 1200 Pounds; 200 Pounds; 600 Pounds; 1000 Pounds; 1800 Pounds; 400 Pounds; 1200 Pounds; 75 Pounds; 1600 Pounds
2001: 5 Gallons

Waste Code(s):

U123: (64-18-6) Formic acid (C,T)

Waste Amounts By Year:

1980/1981: 100 Pounds; 400 Pounds; 2000 Pounds
1982: 1200 Pounds
1991: 1200 Pounds; 800 Pounds; 2800 Pounds; 2000 Pounds; 1600 Pounds
1992: 1400 Pounds; 1750 Pounds
1993: 2200 Pounds
1999: 1400 Pounds
2000: 400 Pounds
2001: 1400 Pounds

Waste Code(s):

U125: (98-01-1) 2-Furancarboxaldehyde (I)

Waste Amounts By Year:

1988: 240 Pounds

Waste Code(s):

U129: (58-89-9) Lindane

Waste Amounts By Year:

1988: 75 Pounds; 190 Pounds; 14 Pounds; 155 Pounds
1991: 1100 Pounds

Waste Code(s):

U133: (302-01-2) Hydrazine (R,T)

Waste Amounts By Year:

1992: 400 Pounds
1993: 1600 Pounds
1999: 200 Pounds

Waste Code(s):

U134: (7664-39-3) Hydrofluoric acid (C,T)

Waste Amounts By Year:

1991: 3000 Pounds
1992: 1000 Pounds; 600 Pounds; 600 Pounds; 800 Pounds; 800 Pounds
2002: 600 Pounds

Waste Code(s):

F006: (Generic) Wastewater treatment sludges from electroplating operations, except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum. (T)

Waste Amounts By Year:

1988: 1200 Pounds
1997: 1200 Pounds; 800 Pounds; 2000 Pounds
1998: 3200 Pounds; 2000 Pounds; 12000 Pounds; 3200 Pounds; 3200 Pounds; 3600 Pounds; 1200 Pounds; 2000 Pounds
1999: 800 Pounds; 3000 Pounds

Waste Code(s):

U135: (7783-06-4) Hydrogen sulfide

Waste Amounts By Year:

1985: 10 Pounds
2002: 200 Pounds
2005: 150 Pounds

Waste Code(s):

U136: (75-60-5) Arsinic acid, dimethyl-

Waste Amounts By Year:

1994: 6 Pounds

Waste Code(s):

U138: (74-88-4) Methane, iodo-

Waste Amounts By Year:

1988: 160 Pounds

Waste Code(s):

U144: (301-04-2) Acetic acid, lead(2+) salt

Waste Amounts By Year:

1988: 80 Pounds
1994: 1400 Pounds

Waste Code(s):

U146: (1335-32-6) Lead, bis(acetato-O)tetrahydroxytri-

Waste Amounts By Year:

1988: 110 Pounds

Waste Code(s):

U147: (108-31-6) Maleic anhydride

Waste Amounts By Year:

1991: 4600 Pounds

Waste Code(s):

U151: (7439-97-6) Mercury

Waste Amounts By Year:

1986: 400 Pounds; 400 Pounds
1988: 800 Pounds; 450 Pounds
1989: 200 Pounds; 800 Pounds; 300 Pounds; 800 Pounds; 1600 Pounds; 400 Pounds; 1600 Pounds; 200 Pounds
1990: 400 Pounds; 200 Pounds
1999: 1400 Pounds
2005: 55 Gallons

Waste Code(s):

U155: (91-80-5) Methapyrilene

Waste Amounts By Year:

1988: 5500 Pounds

Waste Code(s):

U165: (91-20-3) Naphthalene

Waste Amounts By Year:

1987: 1200 Pounds
1988: 80 Pounds; 80 Pounds; 800 Pounds; 80 Pounds

Waste Code(s):

U188: (108-95-2) Phenol

Waste Amounts By Year:

1984: 1800 Pounds
1985: 600 Pounds
1986: 1000 Pounds; 3400 Pounds; 3400 Pounds
1987: 400 Pounds; 1750 Pounds; 800 Pounds; 800 Pounds; 800 Pounds
1988: 480 Pounds; 800 Pounds; 300 Pounds; 2200 Pounds; 600 Pounds; 200 Pounds; 100 Pounds; 300 Pounds; 100 Pounds; 160 Pounds; 800 Pounds; 250 Pounds; 8080 Pounds; 150 Pounds; 300 Pounds; 160 Pounds; 300 Pounds; 600 Pounds
1989: 1000 Pounds; 400 Pounds; 1400 Pounds; 400 Pounds; 1400 Pounds; 1000 Pounds; 400 Pounds; 1000 Pounds; 3600 Pounds; 800 Pounds; 600 Pounds; 400 Pounds; 4600 Pounds
1990: 240 Pounds; 600 Pounds; 300 Pounds; 800 Pounds; 1000 Pounds; 175 Pounds; 1600 Pounds; 2200 Pounds; 3500 Pounds; 200 Pounds
1991: 2822 Pounds; 3200 Pounds; 800 Pounds; 1215 Pounds; 5600 Pounds; 1539 Pounds; 4521 Pounds; 600 Pounds
1992: 400 Pounds; 600 Pounds; 600 Pounds
1993: 5565 Pounds
1994: 400 Pounds
1995: 1600 Pounds; 600 Pounds; 400 Pounds; 1600 Pounds; 1400 Pounds

1996: 600 Pounds; 800 Pounds; 200 Pounds; 600 Pounds; 600 Pounds; 1200 Pounds; 1800 Pounds; 1600 Pounds; 400 Pounds; 800 Pounds
1997: 600 Pounds; 800 Pounds; 800 Pounds; 600 Pounds; 15000 Pounds; 26000 Pounds; 600 Pounds; 800 Pounds
1998: 400 Pounds
1999: 600 Pounds; 400 Pounds; 600 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 1200 Pounds
2000: 800 Pounds; 200 Pounds; 200 Pounds; 1400 Pounds; 400 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 1000 Pounds; 200 Pounds; 600 Pounds; 800 Pounds
2001: 200 Pounds; 1000 Pounds; 600 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 1800 Pounds; 200 Pounds; 400 Pounds; 22 Pounds; 200 Pounds; 400 Pounds
2003: 600 Pounds; 750 Pounds; 200 Pounds

Waste Code(s):

U196: (110-86-1) Pyridine

Waste Amounts By Year:

1988: 100 Pounds
1992: 400 Pounds
2000: 2400 Pounds; 1200 Pounds

Waste Code(s):

F007: (Generic) Spent cyanide plating bath solutions from electroplating operations. (R,T)

Waste Amounts By Year:

1998: 6500 Pounds; 4500 Pounds
2001: 2400 Pounds; 1800 Pounds
2002: 2400 Pounds

Waste Code(s):

F008: (Generic) Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process. (R,T)

Waste Amounts By Year:

1980/1981: 252 Pounds
1982: 7750 Pounds
1998: 1200 Pounds; 1200 Pounds; 3000 Pounds; 3600 Pounds; 3600 Pounds
1999: 1600 Pounds

Waste Code(s):

F009: (Generic) Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process. (R,T)

Waste Amounts By Year:

1994: 400 Pounds; 900 Pounds

Waste Code(s):

F015: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Amounts By Year:

1982: 5600 Pounds

Waste Code(s):

K022: (Organic chemicals) Distillation bottom tars from the production of phenol/acetone from cumene. (T)

Waste Amounts By Year:

1987: 3300 Pounds

Waste Code(s):

P004: (309-00-2) Aldrin

Waste Amounts By Year:

1988: 40 Pounds

Waste Code(s):

P015: (7440-41-7) Beryllium powder

Waste Amounts By Year:

1984: 1000 Pounds
1996: 800 Pounds

Waste Code(s):

P018: (357-57-3) Strychnidin-10-one, 2,3-dimethoxy-

Waste Amounts By Year:

1988: 80 Pounds
1991: 1080 Pounds

Waste Code(s):

P022: (75-15-0) Carbon disulfide

Waste Amounts By Year:

1991: 68 Pounds

Waste Code(s):

P029: (544-92-3) Copper cyanide

Waste Amounts By Year:

1987: 800 Pounds
1990: 100 Pounds

Waste Code(s):

P037: (60-57-1) Dieldrin

Waste Amounts By Year:

1987: 400 Pounds; 3450 Pounds; 400 Pounds
1988: 8000 Pounds; 40 Pounds

Waste Code(s):

P044: (60-51-5) Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino) -2-oxoethyl] ester

Waste Amounts By Year:

1988: 150 Pounds

Waste Code(s):

P048: (51-28-5) 2,4-Dinitrophenol

Waste Amounts By Year:

1988: 23 Pounds
2000: 200 Pounds

Waste Code(s):

P059: (76-44-8) Heptachlor

Waste Amounts By Year:

1991: 2020 Pounds; 100 Pounds
1992: 400 Pounds

Waste Code(s):

P072: (86-88-4) Thiourea, 1-naphthalenyl-

Waste Amounts By Year:

1988: 115 Pounds

Waste Code(s):

P075: (154-11-5) Pyridine, 3-(1-methyl- 2-pyrrolidinyl)-, (S)-, & salts

Waste Amounts By Year:

1988: 320 Pounds
1992: 2600 Pounds; 17600 Pounds
2000: 1400 Pounds

Waste Code(s):

P077: (100-01-6) Benzenamine, 4-nitro-

Waste Amounts By Year:

1994: 600 Pounds

Waste Code(s):

P081: (55-63-0) 1,2,3-Propanetriol, trinitrate (R)

Waste Amounts By Year:

1989: 6290 Pounds

Waste Code(s):

P089: (56-38-2) Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester

Waste Amounts By Year:

1989: 1200 Pounds

Waste Code(s):

P096: (7803-51-2) Phosphine

Waste Amounts By Year:

1997: 600 Pounds

Waste Code(s):

P098: (151-50-8) Potassium cyanide

Waste Amounts By Year:

1988: 80 Pounds; 2480 Pounds; 450 Pounds; 1000 Pounds
1991: 500 Pounds
1994: 200 Pounds
1996: 100 Pounds; 400 Pounds
1999: 800 Pounds

Waste Code(s):

P105: (26628-22-8) Sodium azide

Waste Amounts By Year:

1991: 90 Pounds
1992: 4620 Pounds
1993: 4725 Pounds
1994: 400 Pounds; 1000 Pounds
1995: 600 Pounds
1996: 400 Pounds; 400 Pounds
1997: 800 Pounds
2001: 15 Pounds; 400 Pounds; 800 Pounds
2004: 900 Pounds

Waste Code(s):

P108: (157-24-9) Strychnidin-10-one, & salts

Waste Amounts By Year:

1988: 75 Pounds

Waste Code(s):

P112: (509-14-8) Tetranitromethane (R)

Waste Amounts By Year:

1988: 40 Pounds

Waste Code(s):

P120: (1314-62-1) Vanadium oxide V2O5

Waste Amounts By Year:

2000: 2400 Pounds

Waste Code(s):

R001: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Amounts By Year:

1990: 37729 Pounds; 3610 Pounds; 42269 Pounds; 2650 Pounds; 750 Pounds; 30078 Pounds; 2921 Pounds; 39395 Pounds; 42663 Pounds
1991: 3030 Pounds; 1550 Pounds; 34451 Pounds; 10500 Pounds; 24439 Pounds; 3761 Pounds; 2090 Pounds; 1500 Pounds; 250 Pounds; 12805 Pounds; 16083 Pounds; 444 Pounds; 2700 Pounds; 6271 Pounds; 7095 Pounds; 500 Pounds; 20198 Pounds; 10115 Pounds; 19563 Pounds; 23210 Pounds; 2500 Pounds; 2750 Pounds; 5050 Pounds; 6010 Pounds; 6910 Pounds; 7164 Pounds; 15114 Pounds; 7368 Pounds; 440 Pounds; 175 Pounds; 803 Pounds; 5220 Pounds; 250 Pounds; 250 Pounds; 200 Pounds; 959 Pounds; 6740 Pounds; 5436 Pounds; 12951 Pounds
1992: 4050 Pounds; 2675 Pounds; 39846 Pounds; 29059 Pounds; 80856 Pounds; 18045 Pounds; 14112 Pounds; 1100 Pounds; 7754 Pounds; 1305 Pounds; 21371 Pounds; 1250 Pounds; 207 Pounds; 2064 Pounds; 22716 Pounds; 869 Pounds; 750 Pounds; 750 Pounds
1993: 15 Gallons; 421 Pounds

Waste Code(s):

U003: (75-05-8) Acetonitrile (I,T)

Waste Amounts By Year:

1991: 167 Pounds

Waste Code(s):

U010: (50-07-7) Azirino [2',3': 3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino- 8-[[(aminocarbonyl) oxy] methyl] -1,1a,2,8a,8b-hexahydro- 8a- methoxy-5-methyl-, [1aS- (1aalpha, 8beta, 8aalpha,8balpha)]-

Waste Amounts By Year:

1995: 400 Pounds

Waste Code(s):

U011: (61-82-5) 1H-1,2,4-Triazol-3-amine

Waste Amounts By Year:

1988: 150 Pounds

Waste Code(s):

U012: (62-53-3) Aniline (I,T)

Waste Amounts By Year:

1987: 700 Pounds
1988: 400 Pounds; 320 Pounds
1991: 4200 Pounds

Waste Code(s):

U013: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Amounts By Year:

1980/1981: 400 Pounds; 9040 Pounds; 600 Pounds; 100 Pounds; 150 Pounds
1982: 200 Pounds; 350 Pounds; 200 Pounds; 240 Pounds; 110 Pounds
1983: 1200 Pounds; 50 Pounds; 150 Pounds; 300 Pounds; 400 Pounds; 10 Pounds

Waste Code(s):

D007: CHROMIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1987: 3600 Pounds; 1200 Pounds; 400 Pounds; 4000 Pounds
1988: 1600 Pounds; 1600 Pounds; 2500 Pounds; 2500 Pounds; 1200 Pounds; 1200 Pounds; 2500 Pounds; 1200 Pounds; 400 Pounds; 2000 Pounds; 80 Pounds
1989: 200 Pounds; 400 Pounds; 1600 Pounds; 28400 Pounds; 16800 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 11100 Pounds; 4400 Pounds; 200 Pounds; 400 Pounds
1990: 11940 Pounds
1991: 550 Pounds; 400 Pounds; 440 Pounds
1992: 2700 Pounds; 800 Pounds; 6000 Pounds; 2700 Pounds; 800 Pounds
1993: 100 Pounds; 8500 Pounds; 375 Pounds
1995: 1200 Pounds; 400 Pounds; 1000 Pounds; 150 Pounds; 4600 Pounds; 1000 Pounds; 1200 Pounds; 7200 Pounds
1996: 200 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 200 Pounds
1997: 800 Pounds; 800 Pounds; 1000 Pounds
1998: 4800 Pounds; 1800 Pounds; 4800 Pounds
1999: 200 Pounds; 1800 Pounds; 2800 Pounds; 1200 Pounds; 1200 Pounds
2000: 2200 Pounds
2001: 200 Pounds; 2400 Pounds; 400 Pounds; 400 Pounds; 5400 Pounds

2004: 800 Pounds
2005: 800 Pounds; 4400 Pounds; 800 Pounds; 2400 Pounds

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1984: 7800 Pounds
1986: 3600 Pounds
1987: 500 Pounds; 100 Pounds
1988: 150 Pounds; 500 Pounds; 300 Pounds; 240 Pounds; 200 Pounds; 450 Pounds; 400 Pounds; 1400 Pounds; 800 Pounds; 500 Pounds; 300 Pounds; 300 Pounds; 14400 Pounds; 150 Pounds; 800 Pounds; 500 Pounds
1989: 9200 Pounds; 1000 Pounds; 800 Pounds; 400 Pounds; 1200 Pounds; 400 Pounds; 400 Pounds; 2000 Pounds; 1600 Pounds; 32000 Pounds; 6400 Pounds
1990: 200 Pounds; 800 Pounds; 500 Pounds; 400 Pounds; 1000 Pounds; 1600 Pounds; 300 Pounds
1991: 600 Pounds; 250 Pounds; 800 Pounds; 200 Pounds; 972 Pounds
1992: 300 Pounds; 3750 Pounds; 1000 Pounds; 200 Pounds; 50 Gallons; 1000 Pounds; 2200 Pounds; 6400 Pounds; 400 Pounds; 9750 Pounds
1993: 400 Pounds; 200 Pounds; 800 Pounds
1994: 2400 Pounds
1995: 3900 Pounds; 5500 Pounds
1996: 12 Cubic yards; 5 Cubic yards; 4800 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 1600 Pounds; 600 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 600 Pounds
1997: 9600 Pounds; 9600 Pounds; 8800 Pounds; 2000 Pounds; 200 Pounds; 2000 Pounds; 2400 Pounds; 400 Pounds; 7200 Pounds
1998: 4000 Pounds; 2285 Pounds; 700 Pounds; 400 Pounds; 1200 Pounds; 5600 Pounds; 1400 Pounds; 6000 Pounds; 7060 Pounds; 1200 Pounds; 7210 Pounds; 800 Pounds; 600 Pounds; 3900 Pounds; 1400 Pounds; 600 Pounds; 3000 Pounds; 8625 Pounds; 1325 Pounds; 4000 Pounds; 650 Pounds; 800 Pounds; 16500 Pounds
1999: 800 Pounds; 300 Pounds; 1600 Pounds; 700 Pounds; 3200 Pounds; 800 Pounds; 1600 Pounds; 200 Pounds; 6000 Pounds; 2800 Pounds; 2000 Pounds; 1200 Pounds; 7600 Pounds; 800 Pounds; 2800 Pounds; 400 Pounds; 3200 Pounds; 750 Pounds; 12000 Pounds
2000: 200 Pounds; 1000 Pounds; 1200 Pounds; 600 Pounds; 2000 Pounds; 800 Pounds; 600 Pounds; 1000 Pounds; 1400 Pounds; 3800 Pounds; 400 Pounds; 3600 Pounds; 1000 Pounds; 2600 Pounds; 400 Pounds; 9600 Pounds; 5600 Pounds; 1200 Pounds; 3200 Pounds
2001: 1600 Pounds; 15600 Pounds; 5000 Pounds; 200 Pounds; 200 Pounds; 1600 Pounds; 2100 Pounds; 3200 Pounds; 4400 Pounds; 2400 Pounds; 400 Pounds; 2000 Pounds; 1600 Pounds; 1600 Pounds; 1200 Pounds; 2400 Pounds; 4800 Pounds
2002: 3400 Pounds; 12500 Pounds; 14000 Pounds; 1600 Pounds; 4400 Pounds; 400 Pounds; 4666 Pounds; 1200 Pounds; 800 Pounds; 3200 Pounds; 7200 Pounds; 2600 Pounds; 1200 Pounds; 1200 Pounds; 1800 Pounds; 1000 Pounds; 1200 Pounds
2003: 380 Pounds; 150 Pounds; 4550 Pounds; 1320 Pounds; 2800 Pounds; 3200 Pounds; 4400 Pounds; 1600 Pounds; 2800 Pounds; 800 Pounds; 3600 Pounds; 1200 Pounds; 150 Pounds; 4000 Pounds; 3600 Pounds
2004: 2200 Pounds; 4600 Pounds; 7500 Pounds; 4800 Pounds; 800 Pounds; 2000 Pounds; 1800 Pounds
2005: 3800 Pounds; 1200 Pounds; 900 Pounds; 600 Pounds
2006: 50 Pounds

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)
D011: SILVER (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2006: 300 Pounds

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)
D022: CHLOROFORM (Waste Code Description from EPA Hazardous Waste Identification)
D023: O-CRESOL (Waste Code Description from EPA Hazardous Waste Identification)
U007: (79-06-1) 2-Propenamide

Waste Amounts By Year:

2006: 150 Pounds

Waste Code(s):

D009: MERCURY (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1980/1981: 213 Pounds; 100 Pounds; 200 Pounds
1982: 330 Pounds
1985: 480 Pounds
1987: 500 Pounds; 1500 Pounds; 400 Pounds; 800 Pounds; 600 Pounds; 1500 Pounds; 3600 Pounds
1988: 400 Pounds; 800 Pounds; 400 Pounds; 500 Pounds; 500 Pounds; 800 Pounds; 600 Pounds; 600 Pounds; 500 Pounds; 400 Pounds; 1000 Pounds; 500 Pounds; 400 Pounds; 600 Pounds; 400 Pounds; 500 Pounds; 1000 Pounds; 900 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 500 Pounds
1989: 400 Pounds; 500 Pounds; 450 Pounds; 2700 Pounds; 1200 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 400 Pounds
1990: 200 Pounds; 400 Pounds; 600 Pounds; 5000 Pounds; 2600 Pounds; 200 Pounds; 1200 Pounds; 200 Pounds; 1200 Pounds; 200 Pounds; 1000 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 1800 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 200 Pounds
1991: 1360 Pounds; 1750 Pounds; 800 Pounds; 2450 Pounds; 1050 Pounds
1992: 200 Pounds; 100 Pounds; 3850 Pounds; 3200 Pounds; 100 Pounds
1993: 4400 Pounds; 50 Pounds; 400 Pounds
1995: 200 Pounds; 2800 Pounds; 400 Pounds; 4000 Pounds
1996: 600 Pounds; 800 Pounds; 600 Pounds; 800 Pounds; 200 Pounds
1997: 528 Pounds; 1000 Pounds; 2000 Pounds; 400 Pounds; 400 Pounds
1998: 350 Pounds; 6000 Pounds; 1190 Pounds; 100 Pounds; 38850 Pounds; 700 Pounds; 14500 Pounds; 600 Pounds; 850 Pounds; 800 Pounds; 110 Pounds; 500 Pounds; 8800 Pounds; 350 Pounds; 410 Pounds; 700 Pounds; 500 Pounds; 935 Gallons; 600 Pounds; 1100 Pounds; 800 Pounds; 500 Pounds; 2300 Pounds; 650 Pounds; 1700 Pounds; 1050 Pounds; 600 Pounds; 550 Pounds; 500 Pounds; 600 Pounds; 1000 Pounds; 500 Pounds; 450 Pounds; 650 Pounds; 1200 Pounds; 200 Pounds; 450 Pounds
1999: 2036 Pounds; 1750 Pounds; 1350 Pounds; 950 Pounds; 400 Pounds; 1200 Pounds; 950 Pounds; 1000 Pounds; 4500 Pounds; 3200 Pounds; 1300 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 1400 Pounds; 800 Pounds
2000: 2500 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 2000 Pounds; 200 Pounds; 350 Pounds; 400 Pounds; 400 Pounds; 2000 Pounds; 1200 Pounds; 2500 Pounds; 400 Pounds
2001: 3000 Pounds; 701 Pounds; 1651 Pounds; 100 Pounds; 4200 Pounds; 1 Pounds; 3800 Pounds; 400 Pounds; 2400 Pounds; 200 Pounds; 1350 Pounds
2002: 400 Pounds; 200 Pounds; 3800 Pounds; 200 Pounds; 800 Pounds; 1000 Pounds; 400 Pounds; 3600 Pounds; 6100 Pounds
2003: 1200 Pounds; 200 Pounds; 880 Pounds; 1800 Pounds; 1600 Pounds; 2400 Pounds
2004: 8000 Pounds; 15 Pounds; 150 Pounds; 4000 Pounds; 600 Pounds; 3600 Pounds; 500 Pounds; 1200 Pounds; 3600 Pounds
2005: 4000 Pounds; 150 Pounds; 250 Pounds; 100 Pounds; 1800 Pounds; 300 Pounds
2006: 106 Pounds
2015: 80 Pounds

Waste Code(s):

D010: SELENIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1988: 300 Pounds; 300 Pounds
1998: 800 Pounds
2004: 2400 Pounds; 1540 Pounds

Waste Code(s):

B002: (Wastes containing polychlorinated biphenyls (PCBs)) Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers, and cable.

Waste Amounts By Year:

1991: 1997 Kilograms

Waste Code(s):

B008: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Amounts By Year:

2001: 800 Pounds

Waste Code(s):

D000: DESCRIPTION (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1980/1981: 9580 Pounds; 200 Pounds; 2300 Pounds; 11400 Pounds; 4355 Pounds; 1200 Pounds; 3700 Pounds; 4880 Pounds; 750 Pounds; 1200 Pounds; 6375 Pounds; 1000 Pounds; 10800 Pounds; 500 Pounds; 4560 Pounds; 960 Pounds; 8350 Pounds; 225 Pounds; 1680 Pounds; 3275 Pounds;

1200 Pounds; 1500 Pounds; 2535 Pounds; 1300 Pounds; 1680 Pounds; 480 Pounds; 200 Pounds; 2375 Pounds; 2650 Pounds; 1025 Pounds; 3560 Pounds; 5235 Pounds; 600 Pounds; 5130 Pounds; 2320 Pounds; 6900 Pounds; 100 Gallons; 4800 Pounds; 5000 Pounds; 3220 Pounds; 200 Gallons; 5600 Pounds; 1800 Pounds; 3600 Pounds; 50 Pounds; 14800 Pounds; 12400 Pounds; 1520 Pounds; 8750 Pounds; 550 Pounds; 450 Pounds; 2240 Pounds; 1200 Pounds; 2080 Pounds; 1100 Pounds; 200 Pounds; 6480 Pounds; 1440 Pounds; 1575 Pounds; 2250 Pounds; 4350 Pounds; 1350 Pounds; 1940 Pounds; 225 Pounds; 3220 Pounds; 4080 Pounds; 400 Pounds; 3800 Pounds; 525 Pounds; 5000 Pounds; 1000 Pounds; 1350 Pounds; 5100 Pounds; 9780 Pounds; 2000 Pounds; 505 Pounds; 2420 Pounds; 960 Pounds; 1350 Pounds; 5640 Pounds; 1050 Pounds; 1000 Pounds; 450 Pounds; 3740 Pounds; 725 Pounds; 5200 Pounds; 2310 Pounds; 2200 Pounds; 4790 Pounds; 100 Pounds; 1600 Pounds; 18900 Pounds; 4400 Pounds; 4050 Pounds; 5500 Pounds
1982: 19600 Pounds; 1280 Pounds; 3300 Pounds; 6900 Pounds; 6800 Pounds; 2160 Pounds; 700 Pounds; 800 Pounds; 2780 Pounds; 8200 Pounds; 2160 Pounds; 1440 Pounds; 2595 Pounds; 4080 Pounds; 720 Pounds; 4800 Pounds; 363 Pounds; 1600 Pounds; 2260 Pounds; 240 Pounds; 600 Pounds; 800 Pounds; 6480 Pounds; 4100 Pounds; 520 Pounds; 4800 Pounds; 900 Pounds; 840 Pounds; 2000 Pounds; 4240 Pounds; 880 Pounds; 3200 Pounds; 2725 Pounds; 12000 Pounds; 2125 Pounds; 2860 Pounds; 5200 Pounds; 400 Pounds; 4825 Pounds; 3600 Pounds; 2475 Pounds; 3120 Pounds; 12400 Pounds; 5740 Pounds; 1148 Pounds; 150 Pounds; 3920 Pounds; 3600 Pounds; 100 Pounds; 3000 Pounds; 5500 Pounds; 5300 Pounds; 230 Pounds; 5400 Pounds; 1800 Pounds; 3600 Pounds; 6440 Pounds; 1600 Pounds; 400 Pounds; 1700 Pounds; 800 Pounds; 7800 Pounds; 240 Pounds; 450 Pounds; 385 Pounds; 1700 Pounds; 900 Pounds; 600 Pounds; 2025 Pounds; 1950 Pounds; 400 Pounds; 8600 Pounds; 10600 Pounds; 1200 Pounds; 1845 Pounds; 1680 Pounds; 3500 Pounds; 6160 Pounds
1983: 15000 Pounds; 5500 Pounds; 4000 Pounds; 2455 Pounds; 1550 Pounds; 1070 Pounds; 400 Pounds; 200 Pounds; 500 Pounds; 3380 Pounds; 7000 Pounds; 1640 Pounds; 3600 Pounds; 6140 Pounds; 800 Pounds; 3000 Pounds; 4650 Pounds; 1000 Pounds; 840 Pounds; 1800 Pounds; 1600 Pounds; 400 Pounds; 500 Pounds; 400 Pounds; 1800 Pounds; 2600 Pounds; 1375 Pounds; 7100 Pounds; 6850 Pounds; 2520 Pounds; 825 Pounds; 400 Pounds; 25 Pounds; 250 Pounds; 6500 Pounds; 100 Pounds; 1400 Pounds; 2800 Pounds; 4200 Pounds; 3850 Pounds; 7300 Pounds; 300 Pounds; 300 Pounds; 5640 Pounds; 1100 Pounds; 5125 Pounds; 1000 Pounds; 6300 Pounds; 1900 Pounds; 4000 Pounds; 5900 Pounds; 2500 Pounds; 4800 Pounds; 1950 Pounds; 6420 Pounds; 315 Pounds; 900 Pounds; 50 Pounds; 4600 Pounds; 600 Pounds; 1400 Pounds; 1800 Pounds; 650 Pounds; 2320 Pounds; 600 Pounds; 2400 Pounds; 1125 Pounds; 1250 Pounds; 1085 Pounds; 3400 Pounds; 300 Pounds; 400 Pounds; 400 Pounds; 8940 Pounds; 600 Pounds; 3000 Pounds; 2200 Pounds; 3200 Pounds; 3000 Pounds; 2775 Pounds; 3650 Pounds; 600 Pounds; 785 Pounds; 1350 Pounds; 2150 Pounds; 400 Pounds; 800 Pounds; 650 Pounds; 400 Pounds; 3200 Pounds; 1800 Pounds; 350 Pounds; 6250 Pounds; 3000 Pounds; 2550 Pounds; 400 Pounds; 7400 Pounds; 2400 Pounds; 600 Pounds; 2000 Pounds; 1050 Pounds; 1400 Pounds; 5600 Pounds; 4000 Pounds; 850 Pounds; 750 Pounds; 3100 Pounds; 1 Pounds; 400 Pounds; 4000 Pounds; 650 Pounds; 1480 Pounds
1984: 200 Pounds
1985: 150 Pounds
1987: 800 Pounds; 2500 Pounds
1988: 400 Pounds; 6800 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D007: CHROMIUM (Waste Code Description from EPA Hazardous Waste Identification)
D011: SILVER (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2006: 150 Pounds

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1980/1981: 880 Pounds; 1740 Pounds; 1200 Pounds; 300 Pounds; 240 Pounds; 2160 Pounds; 1875 Pounds; 480 Pounds; 1200 Pounds; 100 Pounds; 400 Pounds; 900 Pounds; 400 Pounds; 2640 Pounds; 4275 Pounds; 880 Pounds; 2560 Pounds; 1560 Pounds; 6825 Pounds; 3600 Pounds; 290 Pounds; 1800 Pounds; 590 Pounds; 538 Pounds; 2600 Pounds; 2200 Pounds; 1560 Pounds; 600 Pounds; 2160 Pounds; 3600 Pounds; 720 Pounds; 240 Pounds; 920 Pounds; 100 Pounds; 3 Pounds; 4500 Pounds; 2400 Pounds; 3840 Pounds; 200 Pounds; 2400 Pounds; 400 Pounds; 240 Pounds; 480 Pounds; 2060 Pounds; 450 Pounds; 240 Pounds; 3225 Pounds; 1800 Pounds; 560 Pounds; 2250 Pounds; 4080 Pounds; 1200 Pounds; 4320 Pounds; 800 Pounds; 2550 Pounds; 400 Pounds; 1280 Pounds; 1280 Pounds; 480 Pounds; 840 Pounds; 200 Pounds; 500 Pounds; 1750 Pounds; 900 Pounds; 2140 Pounds
1982: 500 Pounds; 1500 Pounds; 7040 Pounds; 240 Pounds; 4580 Pounds; 3360 Pounds; 3400 Pounds; 2800 Pounds; 240 Pounds; 960 Pounds; 11900 Pounds; 320 Pounds; 1920 Pounds; 1800 Pounds; 2100 Pounds; 7520 Pounds; 5300 Pounds; 2100 Pounds; 480 Pounds; 2380 Pounds; 9525 Pounds; 1575 Pounds; 3840 Pounds; 720 Pounds; 240 Pounds; 2400 Pounds; 1710 Pounds; 5220 Pounds; 1000 Pounds; 40 Pounds; 360 Pounds; 800 Pounds; 2760 Pounds; 400 Pounds; 15400 Pounds; 3100 Pounds; 2250 Pounds; 3650 Pounds; 3580 Pounds
1983: 1240 Pounds; 1400 Pounds; 2900 Pounds; 200 Pounds; 1575 Pounds; 400 Pounds; 800 Pounds; 500 Pounds; 800 Pounds; 1750 Pounds; 180 Pounds; 800 Pounds; 280 Pounds; 175 Pounds; 280 Pounds; 6900 Pounds; 800 Pounds; 400 Pounds; 2 Cubic yards; 700 Pounds; 80 Pounds; 300 Pounds; 25 Pounds; 400 Pounds; 600 Pounds; 200 Pounds; 2900 Pounds; 2400 Pounds; 1400 Pounds; 400 Pounds; 275 Pounds; 1000 Pounds; 285 Pounds; 6500 Pounds; 300 Pounds; 2800 Pounds; 200 Pounds; 600 Pounds; 720 Pounds; 1800 Pounds; 4360 Pounds; 900 Pounds; 450 Pounds; 352 Pounds; 400 Pounds; 750 Pounds; 600 Pounds; 400 Pounds; 25 Pounds; 1400 Pounds; 1000 Pounds; 2600 Pounds; 1350 Pounds; 3360 Pounds; 4040 Pounds; 200 Pounds; 1200 Pounds; 1000 Pounds; 450 Pounds; 1000 Pounds; 500 Pounds; 300 Pounds; 3360 Pounds; 200 Pounds; 100 Pounds; 1400 Pounds; 400 Pounds; 4250 Pounds; 2000 Pounds; 340 Pounds; 150 Pounds; 185 Pounds
1984: 2000 Pounds; 400 Pounds; 600 Pounds
1985: 1600 Pounds; 1000 Pounds; 2200 Pounds; 1200 Pounds; 2000 Pounds; 5200 Pounds; 300 Pounds; 5200 Pounds; 1000 Pounds; 3500 Pounds; 2180 Pounds; 2000 Pounds; 3710 Pounds; 5000 Pounds; 800 Pounds; 1700 Pounds; 1800 Pounds; 500 Pounds; 1000 Pounds; 1000 Pounds; 1200

Pounds; 3800 Pounds; 1200 Pounds; 900 Pounds; 2500 Pounds; 1000 Pounds; 400 Pounds; 2800 Pounds; 700 Pounds
1986: 2200 Pounds; 3000 Pounds; 400 Pounds; 2300 Pounds; 600 Pounds; 2000 Pounds; 1200 Pounds; 1800 Pounds; 1200 Pounds; 400 Pounds; 200 Pounds; 4250 Pounds; 1200 Pounds; 800 Pounds; 1600 Pounds; 600 Pounds; 2800 Pounds; 840 Pounds; 1000 Pounds; 1600 Pounds; 1600 Pounds; 12800 Pounds; 450 Pounds; 800 Pounds; 9000 Pounds; 400 Pounds; 1600 Pounds; 4250 Pounds; 1000 Pounds; 200 Pounds; 1125 Pounds; 2400 Pounds; 2400 Pounds; 250 Pounds; 11600 Pounds; 7200 Pounds; 200 Pounds; 1600 Pounds; 1200 Pounds; 1600 Pounds; 1400 Pounds; 400 Pounds; 2000 Pounds; 4000 Pounds; 4000 Pounds; 6900 Pounds; 1000 Pounds; 400 Pounds; 1600 Pounds; 1600 Pounds; 3600 Pounds; 2600 Pounds; 1200 Pounds; 2200 Pounds; 4800 Pounds; 5400 Pounds; 3200 Pounds; 1600 Pounds; 200 Pounds; 4800 Pounds; 3800 Pounds; 250 Pounds; 800 Pounds; 400 Pounds; 2000 Pounds; 600 Pounds; 200 Pounds; 3200 Pounds; 200 Pounds; 3800 Pounds; 2250 Pounds; 200 Pounds; 1500 Pounds; 5400 Pounds; 3800 Pounds; 1000 Pounds; 400 Pounds; 3200 Pounds; 2400 Pounds; 600 Pounds; 600 Pounds; 500 Pounds; 1400 Pounds; 1600 Pounds; 900 Pounds; 600 Pounds; 400 Pounds
1987: 800 Pounds; 1900 Pounds; 400 Pounds; 10000 Pounds; 3000 Pounds; 5600 Pounds; 2800 Pounds; 800 Pounds; 800 Pounds; 800 Pounds; 2800 Pounds; 4400 Pounds; 2500 Pounds; 5000 Pounds; 900 Pounds; 1800 Pounds; 1200 Pounds; 1600 Pounds; 800 Pounds; 3600 Pounds; 400 Pounds; 400 Pounds; 2000 Pounds; 2800 Pounds; 3200 Pounds; 16300 Pounds; 1600 Pounds; 2800 Pounds; 2250 Pounds; 21500 Pounds; 2800 Pounds; 800 Pounds; 300 Pounds; 400 Pounds; 3000 Pounds; 1400 Pounds; 1200 Pounds; 6800 Pounds; 1400 Pounds; 1600 Pounds; 400 Pounds; 900 Pounds; 1000 Pounds; 600 Pounds; 800 Pounds; 4000 Pounds; 2100 Pounds; 9200 Pounds; 2000 Pounds; 800 Pounds; 600 Pounds; 400 Pounds; 250 Pounds; 1600 Pounds; 6400 Pounds; 400 Pounds; 4500 Pounds; 1200 Pounds; 2000 Pounds; 900 Pounds; 2600 Pounds; 750 Pounds; 400 Pounds; 800 Pounds; 800 Pounds; 2000 Pounds; 6400 Pounds; 2600 Pounds; 6400 Pounds; 3600 Pounds; 1200 Pounds; 2800 Pounds; 200 Pounds; 200 Pounds; 6850 Pounds; 300 Pounds; 1200 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 1200 Pounds; 1600 Pounds; 800 Pounds; 600 Pounds; 2400 Pounds; 800 Pounds; 800 Pounds; 4400 Pounds; 900 Pounds; 400 Pounds; 300 Pounds; 55 Gallons; 55 Gallons; 2800 Pounds; 2000 Pounds; 5200 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 7100 Pounds; 300 Pounds; 400 Pounds; 350 Pounds; 1200 Pounds; 2000 Pounds; 1200 Pounds; 600 Pounds; 1200 Pounds; 5750 Pounds; 2400 Pounds; 1347 Pounds; 1250 Pounds; 1000 Pounds; 400 Pounds; 800 Pounds; 300 Pounds; 500 Pounds; 800 Pounds; 4800 Pounds; 3200 Pounds; 1800 Pounds; 4000 Pounds; 100 Pounds; 800 Pounds; 4250 Pounds; 3400 Pounds; 3000 Pounds; 2400 Pounds; 400 Pounds; 3250 Pounds; 38500 Pounds; 600 Pounds; 2400 Pounds; 5500 Pounds; 800 Pounds; 800 Pounds; 400 Pounds; 2600 Pounds; 1200 Pounds; 2800 Pounds; 2600 Pounds; 2800 Pounds; 7000 Pounds; 400 Pounds; 500 Pounds; 1200 Pounds; 2400 Pounds; 2600 Pounds; 1650 Pounds; 7200 Pounds; 1200 Pounds; 400 Pounds; 2000 Pounds; 400 Pounds; 8000 Pounds; 2000 Pounds; 400 Pounds; 1200 Pounds; 1500 Pounds; 2400 Pounds; 400 Pounds; 1500 Pounds; 1200 Pounds; 2400 Pounds; 6800 Pounds; 6800 Pounds; 500 Pounds; 400 Pounds; 800 Pounds; 350 Pounds; 1250 Pounds; 1000 Pounds; 800 Pounds; 2800 Pounds; 400 Pounds; 2500 Pounds; 800 Pounds; 10500 Pounds; 4200 Pounds; 5200 Pounds; 4750 Pounds
1988: 1500 Pounds; 1950 Pounds; 250 Pounds; 400 Pounds; 250 Pounds; 700 Pounds; 2000 Pounds; 1800 Pounds; 1200 Pounds; 1200 Pounds; 400 Pounds; 800 Pounds; 5000 Pounds; 9200 Pounds; 720 Pounds; 34400 Pounds; 400 Pounds; 6600 Pounds; 400 Pounds; 1200 Pounds; 400 Pounds; 300 Pounds; 1000 Pounds; 1500 Pounds; 36 Pounds; 150 Pounds; 800 Pounds; 5600 Pounds; 400 Pounds; 450 Pounds; 250 Pounds; 400 Pounds; 200 Pounds; 1400 Pounds; 1000 Pounds; 250 Pounds; 3200 Pounds; 500 Pounds; 2800 Pounds; 200 Pounds; 50 Pounds; 2000 Pounds; 400 Pounds; 800 Pounds; 600 Pounds; 1800 Pounds; 1200 Pounds; 7250 Pounds; 200 Pounds; 1500 Pounds; 7400 Pounds; 3000 Pounds; 800 Pounds; 1200 Pounds; 400 Pounds; 1200 Pounds; 600 Pounds; 3600 Pounds; 400 Pounds; 224 Pounds; 200 Pounds; 1200 Pounds; 560 Pounds; 480 Pounds; 14400 Pounds; 2000 Pounds; 400 Pounds; 950 Pounds; 600 Pounds; 10200 Pounds; 5400 Pounds; 1200 Pounds; 3600 Pounds; 2400 Pounds; 1000 Pounds; 250 Pounds; 2000 Pounds; 800 Pounds; 320 Pounds; 2000 Pounds; 800 Pounds; 400 Pounds; 1200 Pounds; 5000 Pounds; 800 Pounds; 900 Pounds; 400 Pounds; 800 Pounds; 1200 Pounds; 2400 Pounds; 6 Pounds; 33 Pounds; 300 Pounds; 23 Pounds; 1200 Pounds; 1200 Pounds; 800 Pounds; 200 Pounds; 2400 Pounds; 800 Pounds; 1200 Pounds; 6300 Pounds; 5000 Pounds; 400 Pounds; 2000 Pounds; 800 Pounds; 800 Pounds; 600 Pounds; 2400 Pounds; 400 Pounds; 900 Pounds; 400 Pounds; 6000 Pounds; 1600 Pounds; 500 Pounds; 750 Pounds; 1200 Pounds; 27 Pounds; 6500 Pounds; 1000 Pounds; 400 Pounds; 1200 Pounds; 1400 Pounds; 4500 Pounds; 1200 Pounds; 500 Pounds; 400 Pounds; 1000 Pounds; 800 Pounds; 400 Pounds; 600 Pounds; 400 Pounds; 2000 Pounds; 1400 Pounds; 600 Pounds; 2050 Pounds; 9 Pounds; 1200 Pounds; 4050 Pounds; 2500 Pounds; 1400 Pounds; 600 Pounds; 1600 Pounds; 400 Pounds; 2700 Pounds; 500 Pounds; 2400 Pounds; 600 Pounds; 2400 Pounds; 2000 Pounds; 3000 Pounds; 400 Pounds; 1200 Pounds; 1600 Pounds; 1400 Pounds; 2800 Pounds; 6600 Pounds; 800 Pounds; 2000 Pounds; 3400 Pounds; 1200 Pounds; 600 Pounds; 1800 Pounds; 2400 Pounds; 120 Pounds; 100 Pounds; 400 Pounds; 2200 Pounds; 400 Pounds; 400 Pounds; 1600 Pounds; 6200 Pounds; 900 Pounds; 6000 Pounds; 400 Pounds; 2200 Pounds; 1200 Pounds; 800 Pounds; 2200 Pounds; 6000 Pounds; 3000 Pounds; 600 Pounds; 600 Pounds
1989: 400 Pounds; 1800 Pounds; 600 Pounds; 4800 Pounds; 400 Pounds; 1200 Pounds; 2000 Pounds; 200 Pounds; 600 Pounds; 40 Pounds; 600 Pounds; 600 Pounds; 8000 Pounds; 400 Pounds; 800 Pounds; 800 Pounds; 600 Pounds; 1000 Pounds; 1200 Pounds; 400 Pounds; 800 Pounds; 1400 Pounds; 800 Pounds; 1400 Pounds; 250 Pounds; 8800 Pounds; 1600 Pounds; 400 Pounds; 200 Pounds; 2600 Pounds; 1200 Pounds; 1800 Pounds; 6000 Pounds; 1200 Pounds; 200 Pounds; 1200 Pounds; 800 Pounds; 200 Pounds; 2200 Pounds; 300 Pounds; 1200 Pounds; 600 Pounds; 400 Pounds; 3000 Pounds; 200 Pounds; 200 Pounds; 2400 Pounds; 2000 Pounds; 400 Pounds; 4800 Pounds; 200 Pounds; 200 Pounds; 1600 Pounds; 4400 Pounds; 2000 Pounds; 800 Pounds; 600 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 800 Pounds; 600 Pounds; 1400 Pounds; 4000 Pounds; 200 Pounds; 1200 Pounds; 2000 Pounds; 4900 Pounds; 1200 Pounds; 1000 Pounds; 600 Pounds; 400 Pounds; 1200 Pounds; 500 Pounds; 400 Pounds; 2400 Pounds; 900 Pounds; 200 Pounds; 1200 Pounds; 2600 Pounds; 800 Pounds; 1200 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 900 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 1000 Pounds; 2200 Pounds; 600 Pounds; 800 Pounds; 2600 Pounds; 3200 Pounds; 3000 Pounds; 1000 Pounds; 1200 Pounds; 250 Pounds; 1500 Pounds; 1800 Pounds; 2000 Pounds; 1250 Pounds; 2400 Pounds; 2800 Pounds; 1200 Pounds; 1600 Pounds; 1200 Pounds; 400 Pounds; 200 Pounds; 2400 Pounds; 800 Pounds; 600 Pounds; 400 Pounds; 600 Pounds; 5600 Pounds; 400 Pounds; 400 Pounds; 2600 Pounds; 500 Pounds; 3200 Pounds; 4000 Pounds; 2000 Pounds; 400 Pounds; 200 Pounds; 900 Pounds; 1700 Pounds; 400 Pounds; 80 Pounds
1990: 1000 Pounds; 900 Pounds; 1800 Pounds; 2800 Pounds; 2000 Pounds; 2000 Pounds; 200 Pounds; 2000 Pounds; 1200 Pounds; 7000 Pounds; 500 Pounds; 2000 Pounds; 1400 Pounds; 5200 Pounds; 400 Pounds; 2400 Pounds; 2280 Pounds; 600 Pounds; 1800 Pounds; 300 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 2200 Pounds; 200 Pounds; 600 Pounds; 600 Pounds; 400 Pounds; 3800 Pounds; 300 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 2400 Pounds; 1200 Pounds; 1000 Pounds; 1200 Pounds; 300 Pounds; 100 Pounds; 450 Pounds; 400 Pounds; 600 Pounds; 800 Pounds; 3400 Pounds; 600 Pounds; 2200 Pounds; 500 Pounds; 3000 Pounds; 1000 Pounds; 400 Pounds; 1800 Pounds; 700 Pounds; 800 Pounds; 2400 Pounds; 400 Pounds; 1400 Pounds; 2200 Pounds; 2800 Pounds; 400 Pounds; 1400 Pounds; 600 Pounds; 1200 Pounds; 500 Pounds; 4000 Pounds; 2000 Pounds; 1600 Pounds; 400 Pounds; 250 Pounds; 4500 Pounds; 600 Pounds
1991: 800 Pounds; 150 Pounds; 400 Pounds; 790 Pounds; 110 Pounds; 800 Pounds; 1500 Pounds; 200 Pounds; 1400 Pounds; 1800 Pounds; 2800 Pounds; 3600 Pounds; 180 Pounds; 81 Pounds; 180 Pounds; 90 Pounds; 1400 Pounds; 4400 Pounds; 600 Pounds; 400 Pounds; 360 Pounds; 328 Pounds; 100 Pounds; 8800 Pounds; 4800 Pounds; 800 Pounds; 1200 Pounds; 720 Pounds; 180 Pounds; 1200 Pounds; 3200 Pounds; 600 Pounds; 1200 Pounds; 2000 Pounds; 1800 Pounds; 1200 Pounds; 2000 Pounds; 90 Pounds; 90 Pounds; 644 Pounds; 400 Pounds; 3000 Pounds; 800 Pounds; 4000 Pounds; 1400 Pounds; 800 Pounds; 600 Pounds
1992: 800 Pounds; 800 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 1600 Pounds; 720 Pounds; 90 Pounds; 1000 Pounds; 1400 Pounds; 1750

Pounds; 200 Pounds; 600 Pounds; 2400 Pounds; 3600 Pounds; 400 Pounds; 400 Pounds; 360 Pounds; 240 Pounds; 360 Pounds; 20 Pounds; 200 Pounds; 2400 Pounds; 1800 Pounds; 400 Pounds; 800 Pounds; 800 Pounds; 1400 Pounds; 600 Pounds; 1000 Pounds; 5800 Pounds; 800 Pounds; 600 Pounds; 1200 Pounds; 750 Pounds; 3600 Pounds; 200 Pounds; 800 Pounds; 1000 Pounds; 1200 Pounds; 5600 Pounds; 1600 Pounds; 1000 Pounds; 600 Pounds; 3600 Pounds; 1200 Pounds; 1200 Pounds; 1000 Pounds; 750 Pounds; 2500 Pounds; 2400 Pounds; 800 Pounds; 1700 Pounds; 6120 Pounds; 800 Pounds; 250 Pounds; 200 Pounds; 400 Pounds; 1000 Pounds; 800 Pounds; 1200 Pounds; 3200 Pounds; 600 Pounds; 3800 Pounds; 2600 Pounds; 1000 Pounds; 1000 Pounds; 400 Pounds
1993: 1200 Pounds; 1000 Pounds; 1600 Pounds; 100 Pounds; 400 Pounds; 200 Pounds; 1750 Pounds; 1800 Pounds; 200 Pounds; 180 Pounds; 800 Pounds; 100 Pounds; 1000 Pounds; 200 Pounds; 1400 Pounds; 800 Pounds; 800 Pounds; 800 Pounds; 800 Pounds; 1000 Pounds; 800 Pounds; 100 Pounds; 600 Pounds; 900 Pounds; 1000 Pounds; 600 Pounds; 1200 Pounds; 990 Pounds; 1200 Pounds; 6400 Pounds; 800 Pounds; 1000 Pounds; 800 Pounds; 400 Pounds; 800 Pounds; 200 Pounds; 1000 Pounds; 800 Pounds; 1400 Pounds
1994: 400 Pounds; 400 Pounds; 400 Pounds; 1600 Pounds; 2000 Pounds; 600 Pounds; 800 Pounds; 1400 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 1600 Pounds; 1650 Pounds; 2400 Pounds; 800 Pounds; 75 Pounds; 1650 Pounds; 400 Pounds; 600 Pounds; 600 Pounds; 1600 Pounds; 2400 Pounds; 600 Pounds; 800 Pounds; 1200 Pounds; 400 Pounds; 1000 Pounds; 3200 Pounds; 1200 Pounds; 200 Pounds; 300 Pounds; 600 Pounds; 400 Pounds; 1200 Pounds; 600 Pounds; 1600 Pounds; 400 Pounds; 1200 Pounds; 600 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 1800 Pounds; 1600 Pounds; 400 Pounds; 800 Pounds
1995: 2200 Pounds; 900 Pounds; 600 Pounds; 800 Pounds; 2800 Pounds; 200 Pounds; 150 Pounds; 800 Pounds; 1200 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 2400 Pounds; 800 Pounds; 35 Gallons; 1800 Pounds; 2800 Pounds; 1800 Pounds; 1600 Pounds; 400 Pounds; 600 Pounds; 400 Pounds; 1200 Pounds; 4000 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 300 Pounds; 2800 Pounds; 400 Pounds; 1000 Pounds; 2000 Pounds; 4800 Pounds; 1000 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 1600 Pounds; 100 Pounds; 3000 Pounds; 800 Pounds; 800 Pounds
1996: 1000 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 1000 Pounds; 800 Pounds; 200 Pounds; 1200 Pounds; 600 Pounds; 400 Pounds; 400 Pounds; 1200 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 100 Pounds; 1200 Pounds; 800 Pounds; 400 Pounds; 800 Pounds; 200 Pounds; 1600 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 1000 Pounds; 1200 Pounds; 900 Pounds; 800 Pounds; 400 Pounds; 1200 Pounds; 200 Pounds; 800 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 1800 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 600 Pounds; 600 Pounds; 600 Pounds; 1600 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 800 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 600 Pounds; 200 Pounds; 400 Pounds; 600 Pounds; 400 Pounds; 1200 Pounds; 5600 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 34650 Pounds; 5600 Pounds; 1200 Pounds; 1000 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 75 Pounds; 200 Pounds; 1400 Pounds; 1400 Pounds; 1600 Pounds; 600 Pounds; 600 Pounds; 1000 Pounds; 200 Pounds; 600 Pounds; 200 Pounds; 200 Pounds; 1600 Pounds
1997: 200 Pounds; 600 Pounds; 800 Pounds; 3000 Pounds; 800 Pounds; 200 Pounds; 3200 Pounds; 800 Pounds; 800 Pounds; 1000 Pounds; 100 Pounds; 2000 Pounds; 1200 Pounds; 3200 Pounds; 400 Pounds; 2000 Pounds; 200 Pounds; 1200 Pounds; 2000 Pounds; 100 Pounds; 1200 Pounds; 1600 Pounds; 1400 Pounds; 2000 Pounds; 800 Pounds; 6800 Pounds; 4000 Pounds; 4400 Pounds; 1000 Pounds; 2000 Pounds; 400 Pounds; 3800 Pounds; 800 Pounds; 4400 Pounds; 600 Pounds; 800 Pounds; 400 Pounds; 1200 Pounds; 5600 Pounds; 2000 Pounds; 1200 Pounds; 5600 Pounds; 2800 Pounds; 4000 Pounds; 6400 Pounds
1998: 1200 Pounds; 200 Pounds; 200 Pounds; 3500 Pounds; 800 Pounds; 800 Pounds; 500 Pounds; 1800 Pounds; 800 Pounds; 285 Gallons; 500 Pounds; 1000 Pounds; 275 Gallons; 5600 Pounds; 6000 Pounds; 6000 Pounds; 400 Pounds; 2400 Pounds; 600 Pounds; 800 Pounds; 110 Gallons; 5400 Pounds; 2000 Pounds
1999: 1300 Pounds; 3600 Pounds; 600 Pounds; 200 Pounds; 1800 Pounds; 1600 Pounds; 800 Pounds; 6400 Pounds; 400 Pounds; 800 Pounds; 1299 Pounds; 2400 Pounds; 400 Pounds; 600 Pounds; 400 Pounds; 2000 Pounds; 200 Pounds; 1300 Pounds; 400 Pounds; 200 Pounds; 1200 Pounds; 200 Pounds; 600 Pounds; 2000 Pounds; 800 Pounds; 2400 Pounds; 400 Pounds; 400 Pounds; 3600 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 2600 Pounds; 400 Pounds
2000: 200 Pounds; 400 Pounds; 2600 Pounds; 200 Pounds; 4400 Pounds; 600 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 2400 Pounds; 1000 Pounds; 500 Pounds; 1200 Pounds; 200 Pounds; 1600 Pounds; 200 Pounds; 1700 Pounds; 400 Pounds; 2800 Pounds; 200 Pounds; 1000 Pounds; 2800 Pounds; 200 Pounds; 600 Pounds; 1300 Pounds; 800 Pounds; 1200 Pounds; 600 Pounds; 400 Pounds; 600 Pounds; 450 Pounds; 1200 Pounds; 800 Pounds; 600 Pounds; 200 Pounds; 1200 Pounds; 1000 Pounds; 1200 Pounds; 2000 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 5000 Pounds; 1800 Pounds; 1400 Pounds; 200 Pounds; 500 Pounds; 200 Pounds; 1600 Pounds; 1400 Pounds; 800 Pounds
2001: 4000 Pounds; 400 Pounds; 5600 Pounds; 800 Pounds; 8000 Pounds; 1600 Pounds; 2800 Pounds; 800 Pounds; 200 Pounds; 6 Pounds; 1000 Pounds; 200 Pounds; 600 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 1000 Pounds; 1600 Pounds; 26800 Pounds; 9700 Pounds; 1200 Pounds; 2 Gallons; 2 Gallons; 800 Pounds; 400 Pounds; 300 Pounds; 400 Pounds; 1200 Pounds; 800 Pounds; 500 Pounds; 1000 Pounds; 4800 Pounds; 5200 Pounds; 200 Pounds; 800 Pounds; 1200 Pounds; 3 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 4 Gallons; 1 Gallons; 400 Pounds; 200 Pounds; 200 Pounds; 1000 Pounds; 1600 Pounds; 1600 Pounds; 200 Pounds; 1200 Pounds; 400 Pounds; 400 Pounds; 1600 Pounds; 1600 Pounds; 35200 Pounds; 800 Pounds; 8000 Pounds; 600 Pounds; 6000 Pounds; 400 Pounds; 2800 Pounds; 1 Gallons; 40 Pounds; 3308 Pounds; 800 Pounds; 400 Pounds; 800 Pounds
2002: 2000 Pounds; 4400 Pounds; 400 Pounds; 1200 Pounds; 400 Pounds; 600 Pounds; 600 Pounds; 200 Pounds; 400 Pounds; 800 Pounds; 1200 Pounds; 400 Pounds; 1200 Pounds; 200 Pounds; 1000 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 800 Pounds; 1200 Pounds; 600 Pounds; 400 Pounds; 400 Pounds
2003: 2000 Pounds; 150 Pounds; 300 Pounds; 300 Pounds; 1200 Pounds; 400 Pounds; 400 Pounds; 600 Pounds; 200 Pounds; 400 Pounds; 300 Pounds; 600 Pounds; 1000 Pounds; 2800 Pounds; 1000 Pounds; 400 Pounds; 600 Pounds; 1160 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 880 Pounds; 1250 Pounds; 400 Pounds; 400 Pounds
2004: 150 Pounds; 600 Pounds; 300 Pounds; 300 Pounds; 300 Pounds; 40 Pounds; 1200 Pounds; 5 Pounds; 6 Pounds; 800 Pounds; 1800 Pounds; 300 Pounds; 7800 Pounds; 1800 Pounds; 150 Pounds; 880 Pounds; 300 Pounds
2005: 150 Pounds; 600 Pounds; 600 Pounds; 2000 Pounds; 400 Pounds; 5650 Pounds; 1600 Pounds; 150 Pounds; 150 Pounds; 150 Pounds; 450 Pounds; 1200 Pounds; 150 Pounds; 600 Pounds; 300 Pounds
2006: 300 Pounds; 300 Pounds; 40 Pounds; 300 Pounds

Waste Code(s):

U201: (108-46-3) Resorcinol

Waste Amounts By Year:

1986: 271 Pounds

1995: 1200 Pounds
1996: 400 Pounds; 600 Pounds
2000: 200 Pounds

Waste Code(s):

U211: (56-23-5) Methane, tetrachloro-

Waste Amounts By Year:

1988: 80 Pounds; 1950 Pounds
1990: 200 Pounds

Waste Code(s):

U213: (109-99-9) Tetrahydrofuran (I)

Waste Amounts By Year:

1990: 200 Pounds

Waste Code(s):

U219: (62-56-6) Thiourea

Waste Amounts By Year:

1988: 30 Pounds

Waste Code(s):

U220: (108-88-3) Toluene

Waste Amounts By Year:

1991: 2500 Pounds

Waste Code(s):

U223: (26471-62-5) Toluene diisocyanate (R,T)

Waste Amounts By Year:

1995: 800 Pounds
2002: 400 Pounds

Waste Code(s):

U226: (71-55-6) Methyl chloroform

Waste Amounts By Year:

1988: 150 Pounds
1989: 80 Pounds
2005: 300 Pounds

Waste Code(s):

U227: (79-00-5) 1,1,2-Trichloroethane

Waste Amounts By Year:

1988: 150 Pounds; 150 Pounds

Waste Code(s):

U228: (79-01-6) Trlchloroethylene

Waste Amounts By Year:

1980/1981: 300 Pounds; 240 Pounds
1983: 980 Pounds
1984: 450 Pounds

Waste Code(s):

U239: (1330-20-7) Xylene (I)

Waste Amounts By Year:

2004: 9 Pounds

Waste Code(s):

U240: (194-75-7) Acetic acid, (2,4-dichlorophenoxy)-, salts & esters

Waste Amounts By Year:

1986: 800 Pounds
1988: 80 Pounds; 1600 Pounds
1989: 1600 Pounds; 1400 Pounds; 11000 Pounds

Waste Code(s):

U246: (506-68-3) Cyanogen bromide (CN)Br

Waste Amounts By Year:

1991: 660 Pounds

Waste Code(s):

U247: (72-43-5) Methoxychlor

Waste Amounts By Year:

1988: 38000 Pounds; 1200 Pounds
1991: 400 Pounds
1993: 400 Pounds
1995: 200 Pounds

Waste Code(s):

U328: (95-53-4) o-Toluidine

Waste Amounts By Year:

1993: 240 Pounds
1996: 1000 Pounds

Waste Code(s):

X726: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Amounts By Year:

1987: 55 Gallons; 55 Gallons; 165 Gallons; 55 Gallons; 715 Gallons; 715 Gallons; 110 Gallons; 55 Gallons; 300 Pounds; 550 Gallons; 55 Gallons; 55 Gallons

Waste Code(s):

X900: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Amounts By Year:

1987: 16800 Pounds; 6000 Pounds; 3000 Pounds; 2400 Pounds; 3000 Pounds; 6000 Pounds; 5100 Pounds

Waste Code(s):

X905: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Amounts By Year:

1985: 260 Pounds

Waste Code(s):

U021: (92-87-5) Benzidine

Waste Amounts By Year:

1984: 682 Pounds; 40 Pounds; 3600 Pounds; 160 Pounds; 300 Pounds
1985: 3840 Pounds; 480 Pounds; 1260 Pounds; 5580 Pounds; 7125 Pounds; 1595 Pounds; 680 Pounds; 1520 Pounds; 5680 Pounds; 5160 Pounds
1986: 4550 Pounds; 750 Pounds; 9675 Pounds; 800 Pounds; 3600 Pounds; 3600 Pounds; 2240 Pounds; 9000 Pounds; 4160 Pounds; 9675 Pounds
1987: 4350 Pounds; 8000 Pounds; 9675 Pounds; 9840 Pounds; 2000 Pounds; 5000 Pounds; 9675 Pounds; 15840 Pounds; 150 Pounds; 10375 Pounds; 3600 Pounds; 3600 Pounds; 8150 Pounds
1988: 8700 Pounds; 1950 Pounds; 2440 Pounds; 10650 Pounds; 750 Pounds; 5760 Pounds; 3600 Pounds; 7880 Pounds; 6075 Pounds
1989: 600 Pounds; 1440 Pounds; 13040 Pounds

Waste Code(s):

U024: (111-91-1) Dichloromethoxy ethane

Waste Amounts By Year:

1988: 80 Pounds

Waste Code(s):

U028: (117-81-7) 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester

Waste Amounts By Year:

1988: 75 Pounds

Waste Code(s):

U031: (71-36-3) 1-Butanol (I)

Waste Amounts By Year:

1990: 200 Pounds

Waste Code(s):

U036: (57-74-9) 4, 7-Methano-lH-indene, 1,2,4,5,6,7,8,8-octachloro- 2,3,3a,4,7,7a-hexahydro-

Waste Amounts By Year:

1987: 3040 Pounds
1988: 2150 Pounds; 1875 Pounds; 2280 Pounds; 115 Pounds; 1000 Pounds; 240 Pounds; 40 Pounds; 5040 Pounds; 4880 Pounds; 900 Pounds; 4800 Pounds; 11450 Pounds; 400 Pounds
1989: 2010 Pounds; 3920 Pounds; 900 Pounds; 3440 Pounds; 1600 Pounds; 1500 Pounds; 7858 Pounds; 3120 Pounds; 5500 Pounds; 1700 Pounds; 3178 Pounds; 3481 Pounds; 3297 Pounds; 5384 Pounds; 2937 Pounds; 4273 Pounds; 5979 Pounds; 4013 Pounds; 700 Pounds; 2123 Pounds
1990: 1600 Pounds; 3200 Pounds; 4101 Pounds; 800 Pounds; 4589 Pounds; 2628 Pounds; 10122 Pounds; 5549 Pounds; 110 Pounds; 2268 Pounds;

1396 Pounds; 334 Pounds; 3352 Pounds; 1430 Pounds; 1750 Pounds; 785 Pounds; 2200 Pounds
1991: 6239 Pounds; 1800 Pounds; 4524 Pounds; 1000 Pounds; 1000 Pounds; 1200 Pounds; 1400 Pounds; 10200 Pounds; 400 Pounds; 4960 Pounds; 172 Pounds; 669 Pounds; 100 Pounds; 4400 Pounds; 200 Pounds; 90 Pounds; 635 Pounds
1992: 10600 Pounds; 11600 Pounds; 4400 Pounds; 2000 Pounds; 1000 Pounds; 800 Pounds; 13400 Pounds; 5400 Pounds; 800 Pounds
1995: 2000 Pounds; 1400 Pounds; 800 Pounds; 400 Pounds; 600 Pounds; 400 Pounds; 2400 Pounds
1996: 1600 Pounds; 200 Pounds
2000: 800 Pounds

Waste Code(s):

U037: (108-90-7) Benzene, chloro-

Waste Amounts By Year:

1988: 80 Pounds

Waste Code(s):

U044: (67-66-3) Methane, trichloro-

Waste Amounts By Year:

1987: 400 Pounds
1988: 300 Pounds; 50 Pounds; 500 Pounds; 150 Pounds
1990: 200 Pounds; 600 Pounds; 600 Pounds; 176 Pounds; 200 Pounds; 13042 Pounds

Waste Code(s):

U047: (91-58-7) Naphthalene, 2-chloro-

Waste Amounts By Year:

1988: 1200 Pounds

Waste Code(s):

U048: (95-57-8) Phenol, 2-chloro-

Waste Amounts By Year:

1988: 240 Pounds; 320 Pounds

Waste Code(s):

U050: (218-01-9) Chrysene

Waste Amounts By Year:

1988: 80 Pounds

Waste Code(s):

U051: Creosote

Waste Amounts By Year:

1992: 400 Pounds

Waste Code(s):

U052: (1319-77-3) Phenol, methyl-

Waste Amounts By Year:

1988: 1500 Pounds

1989: 80 Pounds
1992: 200 Pounds
1997: 23200 Pounds

Waste Code(s):

U055: (98-82-8) Benzene, (1-methylethyl)- (I)

Waste Amounts By Year:

1987: 1800 Pounds

Waste Code(s):

U058: (50-18-0) 2H-1,3,2-Oxazaphosphorin- 2-amine, N,N-bis (2-chloroethyl) tetrahydro-, 2-oxide

Waste Amounts By Year:

1999: 1800 Pounds
2001: 200 Pounds
2002: 100 Pounds
2003: 400 Pounds
2004: 150 Pounds; 300 Pounds
2005: 300 Pounds; 1050 Pounds; 1050 Pounds; 900 Pounds; 300 Pounds
2006: 264 Pounds; 88 Pounds
2012: 100 Pounds

Waste Code(s):

U061: (50-29-3) Benzene, 1,1'-(2,2,2-trichloroethylidene) bis[4-chloro-

Waste Amounts By Year:

1986: 2000 Pounds; 1600 Pounds; 1425 Pounds; 6900 Pounds; 525 Pounds; 525 Pounds; 9200 Pounds; 3100 Pounds; 9680 Pounds; 1425 Pounds; 1850 Pounds; 2000 Pounds; 3950 Pounds; 6950 Pounds; 2000 Pounds
1987: 11100 Pounds; 6950 Pounds; 525 Pounds; 6300 Pounds; 5050 Pounds; 8400 Pounds; 1425 Pounds; 1425 Pounds; 525 Pounds; 3150 Pounds; 2000 Pounds
1988: 960 Pounds; 400 Pounds; 3200 Pounds; 550 Pounds

Waste Code(s):

U069: (84-74-2) 1,2-Benzenedicarboxylic acid, dibutyl ester

Waste Amounts By Year:

1995: 800 Pounds

Waste Code(s):

U070: (95-50-1) Benzene, 1,2-dichloro-

Waste Amounts By Year:

1987: 2000 Pounds
1988: 2800 Pounds
1991: 1800 Pounds

Waste Code(s):

U072: (106-46-7) Benzene, 1,4-dichloro-

Waste Amounts By Year:

1987: 400 Pounds
1996: 600 Pounds

Waste Code(s):

U080: (75-09-2) Methane, dichloro-

Waste Amounts By Year:

1980/1981: 160 Pounds; 800 Pounds
1985: 460 Pounds
1988: 600 Pounds; 200 Pounds; 50 Pounds; 80 Pounds; 900 Pounds; 600 Pounds; 100 Pounds; 600 Pounds
1992: 800 Pounds

Waste Code(s):

U105: (121-14-2) Benzene, 1-methyl-2,4-dinitro-

Waste Amounts By Year:

1999: 1000 Pounds

Waste Code(s):

U107: (117-84-0) 1,2-Benzenedicarboxylic acid, dioctyl ester

Waste Amounts By Year:

1988: 1600 Pounds

Waste Code(s):

U108: (123-91-1) 1,4-Diethyleneoxide

Waste Amounts By Year:

1989: 80 Pounds

Waste Code(s):

U115: (75-21-8) Oxirane (I,T)

Waste Amounts By Year:

2000: 600 Pounds

Waste Code(s):

U119: (62-50-0) Methanesulfonic acid, ethyl ester

Waste Amounts By Year:

2000: 4000 Pounds

Waste Code(s):

D011: SILVER (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1988: 300 Pounds; 200 Pounds; 500 Pounds; 300 Pounds; 200 Pounds; 200 Pounds
1989: 200 Pounds; 400 Pounds
1990: 1000 Pounds; 400 Pounds; 200 Pounds
1991: 1000 Pounds; 1200 Pounds
1992: 400 Pounds; 500 Pounds; 1400 Pounds
1993: 1500 Pounds; 400 Pounds; 1200 Pounds; 600 Pounds; 2600 Pounds
1994: 200 Pounds; 600 Pounds; 300 Pounds; 1000 Pounds; 1000 Pounds; 1200 Pounds
1995: 200 Pounds; 200 Pounds

1996: 400 Pounds; 800 Pounds; 1400 Pounds; 200 Pounds; 1800 Pounds; 400 Pounds; 1600 Pounds; 800 Pounds; 4600 Pounds; 1600 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 1800 Pounds
1997: 400 Pounds; 400 Pounds; 4200 Pounds
1998: 400 Pounds; 800 Pounds; 3800 Pounds
1999: 400 Pounds; 200 Pounds; 600 Pounds; 600 Pounds; 400 Pounds; 800 Pounds; 200 Pounds; 600 Pounds; 400 Pounds; 10000 Pounds; 800 Pounds; 220 Gallons; 1200 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 4900 Pounds; 200 Pounds; 275 Gallons; 1200 Pounds; 200 Pounds; 200 Pounds
2000: 200 Pounds; 400 Pounds; 5200 Pounds; 200 Pounds; 1200 Pounds; 600 Pounds; 400 Pounds; 275 Gallons; 275 Gallons; 800 Pounds; 400 Pounds; 400 Pounds; 275 Gallons; 800 Pounds
2001: 200 Pounds; 4800 Pounds; 200 Pounds; 500 Pounds; 800 Pounds; 1800 Pounds; 600 Pounds; 400 Pounds; 275 Gallons; 275 Gallons; 200 Pounds; 15 Gallons; 400 Pounds; 400 Pounds
2002: 200 Pounds; 275 Gallons; 800 Pounds; 400 Pounds; 275 Gallons; 400 Pounds; 400 Pounds; 1600 Pounds; 400 Pounds; 330 Gallons
2003: 200 Pounds; 600 Pounds; 880 Pounds; 1880 Pounds; 400 Pounds; 400 Pounds; 2400 Pounds; 440 Pounds; 275 Gallons; 400 Pounds
2004: 2000 Pounds
2005: 900 Pounds; 1200 Pounds; 800 Pounds; 2600 Pounds
2006: 40 Pounds

Waste Code(s):

D013: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER) (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2001: 10800 Pounds

Waste Code(s):

D016: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID) (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1991: 500 Pounds
1996: 400 Pounds
1998: 800 Pounds
2000: 42000 Pounds; 500 Pounds; 19400 Pounds; 500 Pounds; 1200 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

1980/1981: 250 Pounds; 2200 Pounds; 580 Pounds; 480 Pounds; 680 Pounds; 340 Pounds; 2880 Pounds; 100 Pounds; 400 Pounds; 1460 Pounds; 100 Pounds; 1560 Pounds; 500 Pounds; 1740 Pounds; 160 Pounds; 15975 Pounds; 14400 Pounds; 3285 Pounds; 6240 Pounds; 13060 Pounds; 7100 Pounds; 9120 Pounds; 10720 Pounds; 17685 Pounds; 22440 Pounds; 25610 Pounds; 24500 Pounds; 100 Pounds; 700 Pounds; 840 Pounds; 240 Pounds; 960 Pounds; 2000 Pounds; 1800 Pounds; 900 Pounds; 70 Pounds; 100 Pounds; 15525 Pounds; 10560 Pounds; 32000 Pounds; 2700 Pounds; 8160 Pounds; 8360 Pounds; 24925 Pounds; 15360 Pounds; 12975 Pounds; 9600 Pounds; 1200 Pounds; 1720 Pounds; 400 Pounds; 240 Pounds; 600 Pounds; 1490 Pounds; 290 Pounds; 760 Pounds; 240 Pounds; 40 Pounds; 4425 Pounds; 19375 Pounds; 5450 Pounds; 11600 Pounds; 800 Pounds; 6260 Pounds; 26100 Pounds; 400 Pounds; 18200 Pounds; 28560 Pounds; 1520 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 225 Pounds; 10750 Pounds; 240 Pounds; 600 Pounds; 17680 Pounds; 24440 Pounds; 9440 Pounds; 5760 Pounds; 12750 Pounds; 880 Pounds; 100 Pounds; 920 Pounds; 1200 Pounds; 15950 Pounds; 34440 Pounds; 13175 Pounds; 2160 Pounds
1982: 4080 Pounds; 5700 Pounds; 26000 Pounds; 15625 Pounds; 15120 Pounds; 21720 Pounds; 23760 Pounds; 3870 Pounds; 340 Pounds; 4840 Pounds; 160 Pounds; 480 Pounds; 8800 Pounds; 32400 Pounds; 22135 Pounds; 225 Pounds; 4500 Pounds; 8400 Pounds; 23090 Pounds; 4500 Pounds; 16800 Pounds; 480 Pounds; 9275 Pounds; 9680 Pounds; 11280 Pounds; 7150 Pounds; 33120 Pounds; 16960 Pounds; 21900 Pounds; 13360 Pounds; 32840 Pounds; 15800 Pounds; 700 Pounds; 800 Pounds; 1200 Pounds; 2400 Pounds; 1290 Pounds; 225 Pounds; 800 Pounds; 40 Pounds; 20450 Pounds; 2400 Pounds; 8960 Pounds; 6625 Pounds; 350 Pounds; 300 Pounds; 1800 Pounds; 960 Pounds; 480 Pounds; 3425 Pounds; 80 Pounds; 2100 Pounds; 100 Pounds; 800 Pounds; 325 Pounds; 6640 Pounds; 18365 Pounds; 8600 Pounds; 18620 Pounds; 1345 Pounds; 600 Pounds; 1200 Pounds
1983: 3000 Pounds; 5000 Pounds; 7800 Pounds; 10020 Pounds; 7600 Pounds; 11475 Pounds; 300 Pounds; 1550 Pounds; 2140 Pounds; 1150 Pounds; 1000 Pounds; 20160 Pounds; 5100 Pounds; 15200 Pounds; 2880 Pounds; 2450 Pounds; 5980 Pounds; 7020 Pounds; 7280 Pounds; 2160 Pounds; 7150 Pounds; 6000 Pounds; 1100 Pounds; 800 Pounds; 225 Pounds; 1150 Pounds; 760 Pounds; 600 Pounds; 400 Pounds; 300 Pounds; 800 Pounds; 400 Pounds; 600 Pounds; 1400 Pounds; 800 Pounds; 6750 Pounds; 8400 Pounds; 13640 Pounds; 10660 Pounds; 9200 Pounds; 3725 Pounds; 1050 Pounds; 6000 Pounds; 8000 Pounds; 600 Pounds; 126 Pounds; 675 Pounds; 160 Pounds; 1880 Pounds; 50 Pounds; 350 Pounds; 17400 Pounds; 6000 Pounds; 4375 Pounds; 12180 Pounds; 2240 Pounds; 5655 Pounds; 7675 Pounds; 2800 Pounds; 22500 Pounds; 16000 Pounds; 7000 Pounds; 3200 Pounds; 8800 Pounds; 9600 Pounds; 7200 Pounds; 6150 Pounds; 9400 Pounds; 200 Pounds; 340 Pounds; 400 Pounds; 100 Pounds; 308 Pounds; 175 Pounds; 375 Pounds; 80 Pounds; 1600 Pounds; 3030 Pounds; 325 Pounds; 200 Pounds; 1400 Pounds; 25 Pounds; 225 Pounds; 1291 Pounds; 3300 Pounds; 400 Pounds; 200 Pounds; 950 Pounds; 1200 Pounds; 8200 Pounds; 11200 Pounds; 2000 Pounds; 3600 Pounds; 2600 Pounds; 40 Pounds; 700 Pounds; 16340 Pounds; 6180 Pounds; 1200 Pounds; 1850 Pounds; 10560 Pounds; 9480 Pounds; 6200 Pounds; 8150 Pounds; 1000 Pounds; 121 Pounds; 400 Pounds; 200 Pounds; 600 Pounds; 800 Pounds; 510 Pounds

1984: 14150 Pounds; 12000 Pounds; 6200 Pounds; 4920 Pounds; 6400 Pounds; 9200 Pounds; 11120 Pounds; 90 Pounds; 12200 Pounds; 2400 Pounds; 8000 Pounds; 8200 Pounds; 14600 Pounds; 4800 Pounds; 6800 Pounds; 4950 Pounds; 500 Pounds; 4500 Pounds; 5000 Pounds; 100 Pounds; 5000 Pounds; 4300 Pounds; 18100 Pounds; 300 Pounds; 4200 Pounds; 24 Pounds; 12160 Pounds; 9600 Pounds; 10000 Pounds; 4000 Pounds; 5800 Pounds; 7000 Pounds; 12720 Pounds; 50 Pounds; 1500 Pounds; 6720 Pounds; 100 Pounds; 10000 Pounds; 4400 Pounds; 25 Pounds; 6400 Pounds; 7000 Pounds; 20000 Pounds; 12400 Pounds; 200 Pounds; 9000 Pounds; 7600 Pounds; 4300 Pounds; 450 Pounds; 9800 Pounds; 300 Pounds; 8400 Pounds; 90 Pounds; 100 Pounds; 5000 Pounds; 10600 Pounds; 13000 Pounds
1985: 220 Pounds; 600 Pounds; 3400 Pounds; 4500 Pounds; 400 Pounds; 10 Pounds; 16000 Pounds; 100 Pounds; 9530 Pounds; 5440 Pounds; 140 Pounds; 12000 Pounds; 4500 Pounds; 15200 Pounds; 75 Pounds; 7400 Pounds; 4800 Pounds; 11000 Pounds; 5000 Pounds; 176 Pounds; 8600 Pounds; 800 Pounds; 600 Pounds; 800 Pounds; 1200 Pounds; 1900 Pounds; 10 Pounds; 70 Pounds; 400 Pounds; 1700 Pounds; 400 Pounds; 50 Pounds; 16800 Pounds; 25 Pounds; 10200 Pounds; 4925 Pounds; 4600 Pounds; 4400 Pounds; 3800 Pounds; 3000 Pounds; 300 Pounds; 25 Pounds; 400 Pounds; 800 Pounds; 6925 Pounds; 1700 Pounds; 21890 Pounds; 8400 Pounds; 850 Pounds; 200 Pounds; 100 Pounds; 1225 Pounds; 200 Pounds; 1600 Pounds; 45 Pounds; 26000 Pounds; 25 Pounds; 100 Pounds; 16400 Pounds; 50 Pounds; 800 Pounds; 50 Pounds; 14000 Pounds; 7740 Pounds
1986: 4200 Pounds; 400 Pounds; 500 Pounds; 5800 Pounds; 3400 Pounds; 1000 Pounds; 2400 Pounds; 5200 Pounds; 2100 Pounds; 11550 Pounds; 7800 Pounds; 330 Pounds; 14400 Pounds; 15600 Pounds; 1200 Pounds; 1500 Pounds; 15400 Pounds; 11400 Pounds; 9800 Pounds; 600 Pounds; 7750 Pounds; 2200 Pounds; 500 Pounds; 12400 Pounds; 3600 Pounds; 5800 Pounds; 56 Pounds; 400 Pounds; 3200 Pounds; 40 Pounds; 1200 Pounds; 2000 Pounds; 4600 Pounds; 4650 Pounds; 180 Pounds; 12800 Pounds; 1200 Pounds; 2400 Pounds; 1800 Pounds; 6300 Pounds; 12800 Pounds; 3115 Pounds; 1800 Pounds; 4400 Pounds; 4800 Pounds; 5800 Pounds; 3000 Pounds; 5600 Pounds; 1800 Pounds; 3000 Pounds; 1000 Pounds; 1000 Pounds; 5600 Pounds; 9600 Pounds; 8800 Pounds; 11200 Pounds; 7400 Pounds; 9400 Pounds; 450 Pounds; 6800 Pounds; 15800 Pounds; 5000 Pounds; 200 Pounds; 17400 Pounds; 150 Pounds; 17600 Pounds; 35000 Pounds; 1600 Pounds; 19500 Pounds; 11200 Pounds; 19200 Pounds; 5250 Pounds; 5600 Pounds; 9600 Pounds; 2500 Pounds; 1000 Pounds; 12400 Pounds; 1600 Pounds; 10500 Pounds; 2000 Pounds; 2800 Pounds; 13500 Pounds; 2500 Pounds; 11750 Pounds; 27400 Pounds; 6000 Pounds; 17200 Pounds; 7400 Pounds; 200 Pounds; 68 Pounds; 1800 Pounds; 2400 Pounds; 3900 Pounds; 5400 Pounds; 6600 Pounds; 400 Pounds; 400 Pounds; 2800 Pounds; 2200 Pounds; 400 Pounds; 7800 Pounds; 1250 Pounds; 5200 Pounds; 400 Pounds; 8200 Pounds; 40 Pounds; 11300 Pounds; 3200 Pounds; 400 Pounds; 17600 Pounds; 3400 Pounds; 4400 Pounds; 11200 Pounds; 2000 Pounds; 1250 Pounds; 100 Pounds; 2500 Pounds; 11600 Pounds; 3000 Pounds; 500 Pounds; 59 Pounds; 1500 Pounds; 400 Pounds; 1600 Pounds; 200 Pounds; 7 Pounds; 1500 Pounds; 1000 Pounds; 10000 Pounds; 400 Pounds; 400 Pounds; 3000 Pounds; 2600 Pounds; 800 Pounds; 2000 Pounds; 800 Pounds; 457 Pounds; 10200 Pounds; 3200 Pounds; 500 Pounds; 5200 Pounds; 6000 Pounds; 2 Cubic yards; 13500 Pounds; 2200 Pounds; 800 Pounds; 7200 Pounds; 9000 Pounds; 17600 Pounds; 1800 Pounds
1987: 42833 Pounds; 17200 Pounds; 8400 Pounds; 4500 Pounds; 27900 Pounds; 44666 Pounds; 3250 Pounds; 2000 Pounds; 400 Pounds; 2200 Pounds; 14750 Pounds; 100 Pounds; 1200 Pounds; 5800 Pounds; 720 Pounds; 1200 Pounds; 8800 Pounds; 15000 Pounds; 44000 Pounds; 5100 Pounds; 17200 Pounds; 5500 Pounds; 6000 Pounds; 13800 Pounds; 1500 Pounds; 39636 Pounds; 24500 Pounds; 7800 Pounds; 1800 Pounds; 18400 Pounds; 16800 Pounds; 1000 Pounds; 300 Pounds; 3600 Pounds; 12300 Pounds; 600 Pounds; 11000 Pounds; 1000 Pounds; 1200 Pounds; 5600 Pounds; 3200 Pounds; 8500 Pounds; 10400 Pounds; 8750 Pounds; 860 Pounds; 36 Pounds; 1400 Pounds; 400 Pounds; 27000 Pounds; 9600 Pounds; 13200 Pounds; 100 Pounds; 46653 Pounds; 4400 Pounds; 400 Pounds; 9250 Pounds; 5600 Pounds; 4500 Pounds; 15600 Pounds; 30 Pounds; 7600 Pounds; 19250 Pounds; 4800 Pounds; 400 Pounds; 5600 Pounds; 3000 Pounds; 250 Pounds; 7600 Pounds; 2400 Pounds; 13800 Pounds; 25600 Pounds; 20100 Pounds; 4000 Pounds; 3600 Pounds; 5000 Pounds; 2200 Pounds; 1600 Pounds; 35 Pounds; 5600 Pounds; 800 Pounds; 3600 Pounds; 17600 Pounds; 22800 Pounds; 800 Pounds; 5000 Pounds; 750 Pounds; 6400 Pounds; 800 Pounds; 300 Pounds; 3400 Pounds; 350 Pounds; 12000 Pounds; 1750 Pounds; 8200 Pounds; 2400 Pounds; 1500 Pounds; 500 Pounds; 300 Pounds; 600 Pounds; 1500 Pounds; 5200 Pounds; 1600 Pounds; 2100 Pounds; 1200 Pounds; 2400 Pounds; 400 Pounds; 800 Pounds; 7200 Pounds; 2500 Pounds; 800 Pounds; 3600 Pounds; 2400 Pounds; 800 Pounds; 1200 Pounds; 4000 Pounds; 400 Pounds; 800 Pounds; 15600 Pounds; 1200 Pounds; 2000 Pounds; 11000 Pounds; 4550 Pounds; 1200 Pounds; 2700 Pounds; 400 Pounds; 12000 Pounds; 47154 Pounds; 300 Pounds; 3600 Pounds; 25200 Pounds; 14000 Pounds; 8400 Pounds; 4400 Pounds; 500 Pounds; 400 Pounds; 300 Pounds; 9600 Pounds; 400 Pounds; 7600 Pounds; 11200 Pounds; 19500 Pounds; 400 Pounds; 1200 Pounds; 400 Pounds; 3250 Pounds; 1700 Pounds; 1400 Pounds; 14000 Pounds; 130 Pounds; 8000 Pounds; 6400 Pounds; 800 Pounds; 21600 Pounds; 300 Pounds; 200 Pounds; 54 Pounds; 6800 Pounds; 800 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 3600 Pounds; 13600 Pounds; 2000 Pounds; 300 Pounds; 10800 Pounds; 3600 Pounds; 600 Pounds; 5400 Pounds; 8000 Pounds; 6000 Pounds; 9000 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 5400 Pounds; 400 Pounds; 6200 Pounds; 8000 Pounds; 300 Pounds; 6800 Pounds; 3600 Pounds; 400 Pounds; 11200 Pounds; 26000 Pounds; 6250 Pounds; 400 Pounds; 300 Pounds; 44695 Pounds; 330 Gallons; 8100 Pounds; 400 Pounds; 14000 Pounds; 15200 Pounds; 300 Pounds; 300 Pounds; 1600 Pounds; 2800 Pounds; 14800 Pounds; 500 Pounds; 800 Pounds; 900 Pounds; 750 Pounds; 4000 Pounds; 8100 Pounds; 500 Pounds; 400 Pounds; 2200 Pounds
1988: 3 Pounds; 7200 Pounds; 10000 Pounds; 1800 Pounds; 1 Pounds; 1200 Pounds; 16 Pounds; 600 Pounds; 400 Pounds; 200 Pounds; 1200 Pounds; 120 Pounds; 2400 Pounds; 200 Pounds; 300 Pounds; 3300 Pounds; 300 Pounds; 9900 Pounds; 4 Pounds; 8400 Pounds; 2600 Pounds; 9000 Pounds; 187 Pounds; 50 Pounds; 10000 Pounds; 400 Pounds; 200 Pounds; 40 Pounds; 800 Pounds; 200 Pounds; 880 Pounds; 800 Pounds; 187 Pounds; 7200 Pounds; 100 Pounds; 200 Pounds; 50 Pounds; 100 Pounds; 2000 Pounds; 400 Pounds; 26400 Pounds; 500 Pounds; 280 Pounds; 30800 Pounds; 1200 Pounds; 475 Pounds; 6900 Pounds; 36 Pounds; 68 Pounds; 6600 Pounds; 1200 Pounds; 44408 Pounds; 200 Pounds; 8175 Pounds; 300 Pounds; 187 Pounds; 51 Pounds; 400 Pounds; 250 Pounds; 1 Pounds; 2 Pounds; 400 Pounds; 150 Pounds; 200 Pounds; 1 Pounds; 500 Pounds; 7 Pounds; 2 Pounds; 1 Pounds; 400 Pounds; 1200 Pounds; 40 Pounds; 1 Pounds; 600 Pounds; 270 Pounds; 800 Pounds; 800 Pounds; 24 Pounds; 119 Pounds; 6 Pounds; 400 Pounds; 400 Pounds; 187 Pounds; 105 Pounds; 150 Pounds; 200 Pounds; 2000 Pounds; 2800 Pounds; 7 Pounds; 750 Pounds; 2400 Pounds; 6000 Pounds; 2600 Pounds; 160 Pounds; 800 Pounds; 20 Pounds; 480 Pounds; 10 Pounds; 1 Pounds; 1 Pounds; 1000 Pounds; 2500 Pounds; 25 Pounds; 2400 Pounds; 1600 Pounds; 6400 Pounds; 400 Pounds; 1250 Pounds; 400 Pounds; 1200 Pounds; 500 Pounds; 600 Pounds; 2000 Pounds; 400 Pounds; 400 Pounds; 46 Pounds; 800 Pounds; 1200 Pounds; 4600 Pounds; 7400 Pounds; 50 Pounds; 400 Pounds; 16800 Pounds; 41630 Pounds; 10400 Pounds; 200 Pounds; 2400 Pounds; 6400 Pounds; 3150 Pounds; 13 Pounds; 101 Pounds; 45 Pounds; 500 Pounds; 400 Pounds; 100 Pounds; 200 Pounds; 200 Pounds; 2 Pounds; 4 Pounds; 40 Pounds; 200 Pounds; 2400 Pounds; 250 Pounds; 500 Pounds; 500 Pounds; 2000 Pounds; 300 Pounds; 600 Pounds; 2000 Pounds; 6200 Pounds; 3200 Pounds; 3200 Pounds; 1040 Pounds; 400 Pounds; 46 Pounds; 25 Pounds; 5600 Pounds; 720 Pounds; 5200 Pounds; 3600 Pounds; 1160 Pounds; 360 Pounds; 160 Pounds; 43092 Pounds; 25500 Pounds; 400 Pounds; 2 Pounds; 16 Pounds; 1200 Pounds; 4800 Pounds; 5400 Pounds; 2 Pounds; 16 Pounds; 6 Pounds; 2800 Pounds; 8000 Pounds; 10800 Pounds; 8700 Pounds; 11600 Pounds; 1200 Pounds; 2400 Pounds; 40 Pounds; 345 Pounds; 75 Pounds; 1 Pounds; 25 Pounds; 3600 Pounds; 400 Pounds; 40 Pounds; 1000 Pounds; 50 Pounds; 600 Pounds; 300 Pounds; 400 Pounds; 1800 Pounds; 43185 Pounds; 9600 Pounds; 1000 Pounds; 37 Pounds; 1200 Pounds; 6000 Pounds; 100 Pounds; 9200 Pounds; 400 Pounds; 4000 Pounds; 1000 Pounds; 4000 Pounds; 1800 Pounds; 400 Pounds; 50 Pounds; 45673 Pounds; 435 Pounds; 20 Pounds; 1000 Pounds; 6000 Pounds; 450 Pounds; 388 Pounds; 1600 Pounds; 1000 Pounds; 3750 Pounds; 25 Pounds; 3600 Pounds; 1200 Pounds; 44575 Pounds; 2 Pounds; 1200 Pounds; 500 Pounds; 150 Pounds; 1450 Pounds; 6800 Pounds; 1600 Pounds; 250 Pounds; 23400 Pounds; 14000 Pounds; 2000 Pounds; 15000 Pounds; 22400 Pounds; 1200 Pounds; 4000 Pounds; 3680 Pounds; 12 Pounds; 43 Pounds; 4 Pounds; 2000

Pounds; 8400 Pounds; 150 Pounds; 40 Pounds; 80 Pounds; 4000 Pounds; 250 Pounds; 100 Pounds; 25 Pounds; 1400 Pounds; 20 Pounds; 300 Pounds; 750 Pounds
1989: 2000 Pounds; 1200 Pounds; 10000 Pounds; 200 Pounds; 1600 Pounds; 600 Pounds; 400 Pounds; 500 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 10200 Pounds; 1200 Pounds; 400 Pounds; 900 Pounds; 4400 Pounds; 12000 Pounds; 600 Pounds; 500 Pounds; 500 Pounds; 6800 Pounds; 4200 Pounds; 1400 Pounds; 800 Pounds; 2200 Pounds; 400 Pounds; 200 Pounds; 9600 Pounds; 2400 Pounds; 16000 Pounds; 6800 Pounds; 1600 Pounds; 6800 Pounds; 16200 Pounds; 17600 Pounds; 9200 Pounds; 11600 Pounds; 9800 Pounds; 6800 Pounds; 400 Pounds; 34200 Pounds; 3200 Pounds; 300 Pounds; 4000 Pounds; 1600 Pounds; 17400 Pounds; 3600 Pounds; 800 Pounds; 1800 Pounds; 19200 Pounds; 400 Pounds; 200 Pounds; 500 Pounds; 200 Pounds; 1600 Pounds; 1800 Pounds; 200 Pounds; 1000 Pounds; 800 Pounds; 600 Pounds; 5600 Pounds; 17000 Pounds; 3600 Pounds; 14200 Pounds; 10000 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 300 Pounds; 600 Pounds; 2500 Pounds; 400 Pounds; 200 Pounds; 500 Pounds; 100 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 13800 Pounds; 800 Pounds; 14200 Pounds; 3600 Pounds; 1500 Pounds; 9600 Pounds; 10200 Pounds; 6400 Pounds; 5600 Pounds; 2500 Pounds; 1200 Pounds; 600 Pounds; 400 Pounds; 300 Pounds; 1000 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 2000 Pounds; 4000 Pounds; 600 Pounds; 1500 Pounds; 500 Pounds; 13200 Pounds; 500 Pounds; 7600 Pounds; 1600 Pounds; 1400 Pounds; 200 Pounds; 16800 Pounds; 9600 Pounds; 800 Pounds; 3800 Pounds; 800 Pounds; 1400 Gallons; 1200 Pounds; 1600 Pounds; 9600 Pounds; 4400 Pounds; 10600 Pounds; 14200 Pounds; 1600 Pounds; 4400 Pounds; 12400 Pounds; 8000 Pounds; 9400 Pounds; 200 Pounds; 9300 Pounds; 2000 Pounds; 3200 Pounds; 800 Pounds; 5600 Pounds; 11800 Pounds; 4400 Pounds; 2800 Pounds; 400 Pounds; 3900 Pounds; 500 Pounds; 2800 Pounds; 3600 Pounds; 5200 Pounds; 2800 Pounds; 900 Pounds; 300 Pounds; 300 Pounds; 450 Pounds; 2800 Pounds; 13200 Pounds; 200 Pounds; 12200 Pounds; 3200 Pounds; 240 Pounds; 5600 Pounds; 800 Pounds; 3400 Pounds; 400 Pounds; 1000 Pounds; 1400 Pounds; 1600 Pounds; 4400 Pounds; 400 Pounds; 200 Pounds; 6400 Pounds; 17600 Pounds; 24000 Pounds; 3200 Pounds
1990: 5200 Pounds; 2600 Pounds; 13200 Pounds; 1894 Pounds; 4400 Pounds; 5400 Pounds; 6276 Pounds; 12400 Pounds; 200 Pounds; 7200 Pounds; 4000 Pounds; 7636 Pounds; 7800 Pounds; 1600 Pounds; 25000 Pounds; 220 Pounds; 600 Pounds; 10400 Pounds; 3800 Pounds; 488 Pounds; 1600 Pounds; 164 Pounds; 1400 Pounds; 600 Pounds; 400 Pounds; 3000 Pounds; 2000 Pounds; 200 Pounds; 7200 Pounds; 1500 Pounds; 800 Pounds; 2200 Pounds; 800 Pounds; 3400 Pounds; 7250 Pounds; 1500 Pounds; 200 Pounds; 800 Pounds; 7200 Pounds; 1000 Pounds; 7500 Pounds; 27600 Pounds; 246 Pounds; 200 Pounds; 2600 Pounds; 50 Pounds; 800 Pounds; 635 Pounds; 200 Pounds; 10200 Pounds; 21200 Pounds; 1000 Pounds; 1800 Pounds; 15400 Pounds; 7200 Pounds; 3600 Pounds; 1600 Pounds; 4500 Pounds; 7000 Pounds; 323 Pounds; 400 Pounds; 200 Pounds; 600 Pounds; 11750 Pounds; 15250 Pounds; 15600 Pounds; 2800 Pounds; 450 Pounds; 5400 Pounds; 1800 Pounds; 2800 Pounds; 1000 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 700 Pounds; 800 Pounds; 900 Pounds; 600 Pounds; 900 Pounds; 250 Pounds; 300 Pounds; 300 Pounds; 250 Pounds; 600 Pounds; 1400 Pounds; 600 Pounds; 400 Pounds; 200 Pounds; 1000 Pounds; 4400 Pounds; 4600 Pounds; 321 Pounds; 2800 Pounds; 1200 Pounds; 200 Pounds; 19500 Pounds; 15750 Pounds; 13500 Pounds; 9200 Pounds; 2200 Pounds; 1600 Pounds; 12200 Pounds; 23500 Pounds; 3800 Pounds; 8000 Pounds; 5000 Pounds; 17400 Pounds; 5800 Pounds; 1400 Pounds; 30600 Pounds; 12200 Pounds; 400 Pounds; 17400 Pounds; 17600 Pounds; 13600 Pounds; 13500 Pounds; 800 Pounds; 200 Pounds; 17600 Pounds; 21000 Pounds; 1000 Pounds; 300 Pounds; 15500 Pounds; 600 Pounds; 14850 Pounds; 400 Pounds; 4184 Pounds; 5400 Pounds; 800 Pounds; 9600 Pounds; 6474 Pounds; 4200 Pounds; 3600 Pounds; 10400 Pounds; 2500 Pounds; 3500 Pounds; 1323 Pounds; 500 Pounds; 250 Pounds; 1500 Pounds; 1000 Pounds; 1000 Pounds; 200 Pounds; 300 Pounds; 800 Pounds; 1750 Pounds; 2100 Pounds; 800 Pounds; 5600 Pounds; 600 Pounds; 200 Pounds; 1600 Pounds; 200 Pounds; 2800 Pounds; 500 Pounds; 3200 Pounds
1991: 60 Pounds; 700 Pounds; 4000 Pounds; 600 Pounds; 8400 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 800 Pounds; 2000 Pounds; 1000 Pounds; 1200 Pounds; 10500 Pounds; 400 Pounds; 800 Pounds; 40 Pounds; 1000 Pounds; 4200 Pounds; 200 Pounds; 100 Pounds; 1600 Pounds; 1000 Pounds; 800 Pounds; 1200 Pounds; 400 Pounds; 1400 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 1000 Pounds; 320 Pounds; 300 Pounds; 25 Pounds; 4200 Pounds; 13000 Pounds; 3200 Pounds; 6500 Pounds; 500 Pounds; 17800 Pounds; 400 Pounds; 400 Pounds; 3200 Pounds; 600 Pounds; 1500 Pounds; 400 Pounds; 1400 Pounds; 200 Pounds; 1400 Pounds; 400 Pounds; 1 Pounds; 800 Pounds; 10000 Pounds; 2000 Pounds; 300 Pounds; 3200 Pounds; 600 Pounds; 5600 Pounds; 12000 Pounds; 27800 Pounds; 8600 Pounds; 2400 Pounds; 200 Pounds; 400 Pounds; 6600 Pounds; 23400 Pounds; 3200 Pounds; 17200 Pounds; 4400 Pounds; 3500 Pounds; 11800 Pounds; 21500 Pounds; 14400 Pounds; 20800 Pounds; 20000 Pounds; 12339 Pounds; 4600 Pounds; 19200 Pounds; 16200 Pounds; 912 Pounds; 400 Pounds; 4600 Pounds; 200 Pounds; 574 Pounds; 90 Pounds; 718 Pounds; 1140 Pounds; 180 Pounds; 180 Pounds; 12400 Pounds; 22600 Pounds; 31600 Pounds; 21000 Pounds; 40 Pounds; 2600 Pounds; 1200 Pounds; 1000 Pounds; 600 Pounds; 3200 Pounds; 5400 Pounds; 600 Pounds; 1600 Pounds; 4800 Pounds; 14000 Pounds; 7800 Pounds; 2200 Pounds; 7800 Pounds; 35200 Pounds; 17200 Pounds; 800 Pounds; 19250 Pounds; 8000 Pounds; 18800 Pounds; 16800 Pounds; 17800 Pounds; 19200 Pounds; 21400 Pounds; 13500 Pounds; 1000 Pounds; 400 Pounds; 3200 Pounds; 3000 Pounds; 4200 Pounds; 400 Pounds; 90 Pounds; 1170 Pounds; 4200 Pounds; 14400 Pounds; 1000 Pounds; 2000 Pounds; 4400 Pounds; 7614 Pounds; 500 Pounds; 1200 Pounds; 1200 Pounds; 5000 Pounds; 1500 Pounds; 360 Pounds; 1800 Pounds; 19400 Pounds; 25400 Pounds; 6400 Pounds; 7800 Pounds; 1600 Pounds; 5600 Pounds; 7600 Pounds; 90 Pounds; 1000 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 17400 Pounds; 19000 Pounds; 20600 Pounds; 3600 Pounds; 6600 Pounds; 26800 Pounds; 4500 Pounds
1992: 400 Pounds; 12000 Pounds; 24000 Pounds; 600 Pounds; 800 Pounds; 3200 Pounds; 250 Pounds; 7600 Pounds; 200 Pounds; 5000 Pounds; 17600 Pounds; 12200 Pounds; 3200 Pounds; 9600 Pounds; 1200 Pounds; 6300 Pounds; 4000 Pounds; 400 Pounds; 75 Pounds; 600 Pounds; 6300 Pounds; 600 Pounds; 150 Pounds; 20400 Pounds; 11600 Pounds; 7400 Pounds; 90 Pounds; 21200 Pounds; 29800 Pounds; 27000 Pounds; 200 Pounds; 25860 Pounds; 200 Pounds; 1000 Pounds; 200 Pounds; 800 Pounds; 8000 Pounds; 750 Pounds; 625 Pounds; 9000 Pounds; 600 Pounds; 375 Pounds; 1000 Pounds; 18400 Pounds; 400 Pounds; 200 Pounds; 700 Pounds; 200 Pounds; 800 Pounds; 600 Pounds; 20 Pounds; 225 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 600 Pounds; 800 Pounds; 18200 Pounds; 1200 Pounds; 4000 Pounds; 8800 Pounds; 600 Pounds; 6800 Pounds; 200 Pounds; 13800 Pounds; 800 Pounds; 300 Pounds; 1600 Pounds; 2400 Pounds; 300 Pounds; 12000 Pounds; 650 Pounds; 500 Pounds; 900 Pounds; 3200 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 600 Pounds; 2200 Pounds; 450 Pounds; 400 Pounds; 5 Pounds; 400 Pounds; 200 Pounds; 24800 Pounds; 36400 Pounds; 25600 Pounds; 300 Pounds; 39733 Pounds; 4000 Pounds; 600 Pounds; 8400 Pounds; 2000 Pounds; 10400 Pounds; 17400 Pounds; 17400 Pounds; 1600 Pounds; 6810 Pounds; 13400 Pounds; 18200 Pounds; 35600 Pounds; 125 Pounds; 12200 Pounds; 150 Pounds; 40000 Pounds; 27400 Pounds; 27000 Pounds; 2400 Pounds; 1200 Pounds; 9800 Pounds; 43800 Pounds; 20000 Pounds; 20000 Pounds; 14000 Pounds; 1200 Pounds; 450 Pounds; 200 Pounds; 20000 Pounds; 8800 Pounds; 23200 Pounds
1993: 400 Pounds; 3200 Pounds; 500 Pounds; 100 Pounds; 180 Pounds; 125 Pounds; 400 Pounds; 400 Pounds; 100 Pounds; 300 Pounds; 4800 Pounds; 10600 Pounds; 100 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 408 Pounds; 400 Pounds; 400 Pounds; 700 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 300 Pounds; 810 Pounds; 25 Pounds; 1400 Pounds; 270 Pounds; 300 Pounds; 300 Pounds; 300 Pounds; 1400 Pounds; 20 Pounds; 2400 Pounds; 500 Pounds; 1200 Pounds; 100 Pounds; 200 Pounds; 600 Pounds; 400 Pounds; 200 Pounds; 600 Pounds; 100 Pounds; 200 Pounds; 270 Pounds; 200 Pounds; 100 Pounds; 125 Pounds; 90 Pounds; 100 Pounds; 800 Pounds; 800 Pounds; 100 Pounds; 10600 Pounds; 40 Pounds; 400 Pounds; 100 Pounds; 400 Pounds; 300 Pounds; 150 Pounds
1994: 1000 Pounds; 400 Pounds; 600 Pounds; 500 Pounds; 4000 Pounds; 300 Pounds; 100 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 1400 Pounds; 200 Pounds; 100 Pounds; 800 Pounds; 100 Pounds; 400 Pounds; 1200 Pounds; 600 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 1100 Pounds; 1600 Pounds; 400 Pounds; 200 Pounds; 500 Pounds; 600 Pounds; 6600 Pounds; 100 Pounds; 200 Pounds; 800 Pounds; 1800

Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 7400 Pounds; 75 Pounds; 200 Pounds; 2000 Pounds; 1200 Pounds; 10800 Pounds; 7000 Pounds; 4000 Pounds; 600 Pounds; 1400 Pounds; 500 Pounds; 400 Pounds; 400 Pounds; 300 Pounds; 4000 Pounds; 1400 Pounds; 600 Pounds; 600 Pounds; 100 Pounds; 7800 Pounds; 2800 Pounds; 200 Pounds; 300 Pounds; 1200 Pounds; 800 Pounds; 1000 Pounds; 200 Pounds; 300 Pounds; 2400 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 100 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 150 Pounds; 400 Pounds; 500 Pounds; 800 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 7200 Pounds; 800 Pounds; 1600 Pounds; 400 Pounds; 600 Pounds

1995: 400 Pounds; 6000 Pounds; 9400 Pounds; 2400 Pounds; 600 Pounds; 7200 Pounds; 4300 Pounds; 3800 Pounds; 8000 Pounds; 2000 Pounds; 600 Pounds; 400 Pounds; 600 Pounds; 100 Pounds; 200 Pounds; 200 Pounds; 4400 Pounds; 600 Pounds; 2840 Pounds; 3840 Pounds; 5120 Pounds; 800 Pounds; 200 Pounds; 2800 Pounds; 800 Pounds; 400 Pounds; 800 Pounds; 3840 Pounds; 400 Pounds; 800 Pounds; 1000 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 800 Pounds; 600 Pounds; 200 Pounds; 800 Pounds; 4600 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 600 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 3600 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 5000 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 1400 Pounds; 150 Pounds; 4600 Pounds; 400 Pounds; 15000 Pounds; 600 Pounds; 4000 Pounds; 180 Pounds

1996: 800 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 2800 Pounds; 400 Pounds; 5800 Pounds; 200 Pounds; 800 Pounds; 1400 Pounds; 400 Pounds; 1200 Pounds; 1200 Pounds; 1800 Pounds; 600 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 600 Pounds; 600 Pounds; 400 Pounds; 600 Pounds; 32000 Pounds; 200 Pounds; 5000 Pounds; 5800 Pounds; 5600 Pounds; 400 Pounds; 40000 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 2200 Pounds; 400 Pounds; 1200 Pounds; 150 Pounds; 150 Pounds; 200 Pounds; 6400 Pounds; 8000 Pounds; 1000 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 400 Pounds; 1200 Pounds; 200 Pounds; 1000 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 1400 Pounds; 2200 Pounds; 200 Pounds; 600 Pounds; 800 Pounds; 1800 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 1200 Pounds; 400 Pounds; 400 Pounds; 1200 Pounds; 1400 Pounds; 6400 Pounds; 2200 Pounds; 3500 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 1800 Pounds; 400 Pounds; 1200 Pounds; 200 Pounds; 1800 Pounds; 200 Pounds; 800 Pounds; 600 Pounds; 2200 Pounds; 200 Pounds; 14200 Pounds; 3000 Pounds; 1400 Pounds; 20400 Pounds; 900 Pounds; 800 Pounds; 400 Pounds; 4200 Pounds; 800 Pounds; 4800 Pounds; 600 Pounds; 1000 Pounds; 200 Pounds; 2800 Pounds; 4400 Pounds; 1200 Pounds; 200 Pounds; 3200 Pounds; 800 Pounds; 3800 Pounds; 200 Pounds; 3400 Pounds; 600 Pounds; 400 Pounds; 200 Pounds; 1600 Pounds; 1400 Pounds; 800 Pounds; 600 Pounds; 200 Pounds; 600 Pounds; 5200 Pounds; 800 Pounds; 400 Pounds; 600 Pounds; 400 Pounds; 1000 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 2800 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 4200 Pounds; 800 Pounds; 200 Pounds; 600 Pounds; 200 Pounds; 5000 Pounds; 1600 Pounds; 1600 Pounds; 400 Pounds; 14000 Pounds; 38000 Pounds; 600 Pounds; 400 Pounds

1997: 200 Pounds; 600 Pounds; 5200 Pounds; 2400 Pounds; 800 Pounds; 400 Pounds; 1000 Pounds; 2000 Pounds; 200 Pounds; 600 Pounds; 3400 Pounds; 600 Pounds; 400 Pounds; 4000 Pounds; 200 Pounds; 600 Pounds; 4000 Pounds; 3400 Pounds; 3800 Pounds; 1600 Pounds; 1200 Pounds; 200 Pounds; 800 Pounds; 2800 Pounds; 600 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 600 Pounds; 200 Pounds; 7800 Pounds; 4000 Pounds; 600 Pounds; 2800 Pounds; 200 Pounds; 400 Pounds; 800 Pounds; 6600 Pounds; 1600 Pounds; 200 Pounds; 10000 Pounds; 5600 Pounds; 600 Pounds; 4000 Pounds; 1600 Pounds; 1000 Pounds; 600 Pounds; 1000 Pounds; 400 Pounds; 600 Pounds; 200 Pounds; 1400 Pounds; 200 Pounds; 600 Pounds; 4000 Pounds; 200 Pounds; 600 Pounds; 4400 Pounds; 1400 Pounds; 1200 Pounds; 1000 Pounds; 1000 Pounds; 600 Pounds; 5600 Pounds; 1400 Pounds; 3200 Pounds; 4000 Pounds; 200 Pounds; 4000 Pounds; 6400 Pounds; 200 Pounds; 1800 Pounds; 2600 Pounds; 200 Pounds; 2600 Pounds; 800 Pounds; 2400 Pounds; 600 Pounds; 2800 Pounds; 1400 Pounds; 5200 Pounds; 600 Pounds; 6400 Pounds

1998: 1400 Pounds; 600 Pounds; 38500 Pounds; 3400 Pounds; 9870 Pounds; 1600 Pounds; 1800 Pounds; 900 Pounds; 700 Pounds; 6800 Pounds; 12800 Pounds; 5600 Pounds; 23000 Pounds; 12225 Pounds; 400 Pounds; 4000 Pounds; 9800 Pounds; 4000 Pounds; 5400 Pounds; 2800 Pounds; 12000 Pounds; 3600 Pounds; 4400 Pounds; 3200 Pounds; 1400 Pounds; 400 Pounds; 5000 Pounds; 7200 Pounds; 12036 Pounds; 9700 Pounds; 3500 Pounds; 600 Pounds; 1400 Pounds; 800 Pounds; 1000 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 1200 Pounds; 800 Pounds; 800 Pounds; 200 Pounds; 1200 Pounds; 1600 Pounds; 400 Pounds; 12800 Pounds; 1200 Pounds; 800 Pounds; 700 Pounds; 2200 Pounds; 1600 Pounds; 200 Pounds; 400 Pounds; 1600 Pounds; 400 Pounds; 100 Pounds; 1600 Pounds; 2212 Pounds; 300 Pounds; 1600 Pounds; 3400 Pounds; 3200 Pounds; 400 Pounds; 100 Pounds; 6000 Pounds; 2200 Pounds; 4200 Pounds; 1600 Pounds; 4000 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 1600 Pounds; 500 Pounds; 400 Pounds; 600 Pounds; 600 Pounds; 1600 Pounds; 200 Pounds; 400 Pounds; 2300 Pounds; 200 Pounds; 3400 Pounds; 12000 Pounds; 7200 Pounds; 19500 Pounds

1999: 23250 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 5760 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 1920 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 10240 Pounds; 4800 Pounds; 375 Pounds; 400 Pounds; 2600 Pounds; 2800 Pounds; 5600 Pounds; 1960 Pounds; 1200 Pounds; 11000 Pounds; 4000 Pounds; 2900 Pounds; 1300 Pounds; 2000 Pounds; 2400 Pounds; 1800 Pounds; 200 Pounds; 1600 Pounds; 400 Pounds; 1480 Pounds; 1600 Pounds; 400 Pounds; 960 Pounds; 3200 Pounds; 200 Pounds; 600 Pounds; 600 Pounds; 1200 Pounds; 1600 Pounds; 3200 Pounds; 800 Pounds; 4470 Pounds; 16000 Pounds; 200 Pounds; 5000 Pounds; 600 Pounds; 200 Pounds; 20 Pounds; 4400 Pounds; 1800 Pounds; 2540 Pounds; 400 Pounds; 800 Pounds; 28400 Pounds; 20000 Pounds; 19600 Pounds; 300 Pounds; 10 Pounds; 600 Pounds; 200 Pounds; 200 Pounds; 4800 Pounds; 150 Pounds; 4400 Pounds; 60 Gallons; 10400 Pounds; 3500 Pounds; 300 Pounds; 200 Pounds; 600 Pounds; 800 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 600 Pounds; 400 Pounds; 720 Pounds; 4800 Pounds; 800 Pounds; 200 Pounds; 2400 Pounds; 1400 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 2500 Pounds; 200 Pounds

2000: 1440 Pounds; 2600 Pounds; 2400 Pounds; 800 Pounds; 1200 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 8000 Pounds; 400 Pounds; 2280 Pounds; 1800 Pounds; 600 Pounds; 3200 Pounds; 2500 Pounds; 600 Pounds; 8000 Pounds; 1240 Pounds; 8800 Pounds; 2200 Pounds; 440 Pounds; 600 Pounds; 950 Pounds; 200 Pounds; 1200 Pounds; 200 Pounds; 4600 Pounds; 200 Pounds; 200 Pounds; 2000 Pounds; 200 Pounds; 200 Pounds; 20000 Pounds; 700 Pounds; 600 Pounds; 200 Pounds; 1400 Pounds; 400 Pounds; 200 Pounds; 3200 Pounds; 1200 Pounds; 2400 Pounds; 32850 Pounds; 1440 Pounds; 400 Pounds; 7200 Pounds; 1000 Pounds; 24000 Pounds; 1000 Pounds; 2400 Pounds; 6400 Pounds; 1200 Pounds; 2600 Pounds; 200 Pounds; 4400 Pounds; 200 Pounds; 1840 Pounds; 1000 Pounds; 200 Pounds; 12000 Pounds; 2800 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 2360 Pounds; 2600 Pounds; 600 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 600 Pounds; 880 Pounds; 600 Pounds; 600 Pounds; 200 Pounds; 400 Pounds; 2100 Pounds; 1000 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 1800 Pounds; 1200 Pounds; 500 Pounds; 800 Pounds; 2000 Pounds; 1600 Pounds; 940 Pounds; 35000 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 500 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 1500 Pounds; 1600 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 15000 Pounds; 6000 Pounds; 1000 Pounds; 10000 Pounds; 4000 Pounds

2001: 10000 Pounds; 1600 Pounds; 4000 Pounds; 8400 Pounds; 3200 Pounds; 200 Pounds; 1500 Pounds; 1000 Pounds; 200 Pounds; 600 Pounds; 800 Pounds; 500 Pounds; 400 Pounds; 2000 Pounds; 200 Pounds; 2 Gallons; 1 Gallons; 1 Pounds; 1000 Pounds; 600 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 476 Pounds; 600 Pounds; 1200 Pounds; 1200 Pounds; 600 Pounds; 2000 Pounds; 600 Pounds; 200 Pounds; 1 Pounds; 10800 Pounds; 2000 Pounds; 2 Gallons; 506 Pounds; 600 Pounds; 100 Pounds; 150 Pounds; 900 Pounds; 600 Pounds; 1600 Pounds; 200 Pounds; 2800 Pounds; 800 Pounds; 2800 Pounds; 400 Pounds; 450 Pounds; 200 Pounds; 490 Pounds; 400 Pounds; 500 Pounds; 7 Pounds; 400 Pounds; 100 Pounds; 200 Pounds; 1000 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 2600 Pounds; 1950 Pounds; 2400 Pounds; 1000 Pounds; 3400 Pounds; 400 Pounds; 120 Pounds; 200 Pounds; 1200 Pounds; 1600 Pounds; 200 Pounds; 700 Pounds; 1000 Pounds; 200 Pounds

2002: 400 Pounds; 400 Pounds; 400 Pounds; 3160 Pounds; 1800 Pounds; 1500 Pounds; 200 Pounds; 220 Pounds; 10520 Pounds; 800 Pounds; 1640 Pounds; 200 Pounds; 2200 Pounds; 800 Pounds; 11050 Pounds; 1200 Pounds; 600 Pounds; 2400 Pounds; 200 Pounds; 622 Pounds; 200 Pounds; 720 Pounds; 800 Pounds; 600 Pounds; 2600 Pounds; 1120 Pounds; 55 Gallons; 800 Pounds; 600 Pounds; 800 Pounds; 600 Pounds; 800 Pounds; 400 Pounds; 1600 Pounds; 100 Pounds; 200 Pounds; 533 Pounds; 1000 Pounds; 800 Pounds; 400 Pounds; 2600 Pounds; 2000 Pounds; 12000 Pounds; 2000 Pounds; 800 Pounds; 1000 Pounds; 4400 Pounds; 5800 Pounds; 300 Pounds; 300 Pounds; 300 Pounds; 1000 Pounds; 100 Pounds; 400 Pounds; 1400 Pounds; 200 Pounds; 1000 Pounds; 5500 Pounds; 1000 Pounds; 7200 Pounds
2003: 4400 Pounds; 3200 Pounds; 2960 Pounds; 600 Pounds; 60 Pounds; 150 Pounds; 1650 Pounds; 2850 Pounds; 600 Pounds; 1240 Pounds; 300 Pounds; 400 Pounds; 1650 Pounds; 400 Pounds; 80 Pounds; 1050 Pounds; 150 Pounds; 4400 Pounds; 300 Pounds; 300 Pounds; 1640 Pounds; 3760 Pounds; 4480 Pounds; 150 Pounds; 150 Pounds; 2600 Pounds; 440 Pounds; 18480 Pounds; 760 Pounds; 9240 Pounds; 450 Pounds; 400 Pounds; 2080 Pounds; 1320 Pounds; 450 Pounds; 4800 Pounds; 1000 Pounds; 3200 Pounds; 300 Pounds; 200 Pounds; 15000 Pounds; 2720 Pounds; 300 Pounds; 320 Pounds; 300 Pounds; 1200 Pounds; 1200 Pounds; 150 Pounds; 4566 Pounds; 450 Pounds; 440 Pounds; 400 Pounds; 1120 Pounds; 300 Pounds; 450 Pounds; 960 Pounds; 150 Pounds; 150 Pounds; 280 Pounds; 1560 Pounds; 1000 Pounds; 1200 Pounds; 1160 Pounds; 1280 Pounds; 750 Pounds; 7600 Pounds; 4200 Pounds; 300 Pounds; 225 Pounds; 600 Pounds; 9240 Pounds; 300 Pounds; 3000 Pounds; 680 Pounds; 8800 Pounds; 11200 Pounds; 2360 Pounds; 1440 Pounds; 2160 Pounds; 2000 Pounds; 800 Pounds; 900 Pounds; 2200 Pounds; 800 Pounds
2004: 450 Pounds; 1320 Pounds; 3600 Pounds; 150 Pounds; 450 Pounds; 1000 Pounds; 1740 Pounds; 440 Pounds; 350 Pounds; 300 Pounds; 150 Pounds; 1000 Pounds; 300 Pounds; 2800 Pounds; 2040 Pounds; 2400 Pounds; 500 Pounds; 1720 Pounds; 1480 Pounds; 1440 Pounds; 760 Pounds; 200 Pounds; 900 Pounds; 900 Pounds; 4000 Pounds; 5 Pounds; 1600 Pounds; 1880 Pounds; 1840 Pounds; 5 Pounds; 360 Pounds; 150 Pounds; 150 Pounds; 450 Pounds; 300 Pounds; 150 Pounds; 150 Pounds; 300 Pounds; 1880 Pounds; 1720 Pounds; 1840 Pounds; 1880 Pounds; 2240 Pounds; 280 Pounds; 2080 Pounds; 1400 Pounds; 1560 Pounds; 450 Pounds; 300 Pounds; 2800 Pounds; 1560 Pounds; 4000 Pounds; 1200 Pounds; 200 Pounds; 920 Pounds; 2400 Pounds; 400 Pounds; 15400 Pounds; 7600 Pounds; 5000 Pounds; 2800 Pounds; 800 Pounds; 13000 Pounds; 600 Pounds; 300 Pounds; 3420 Pounds; 1520 Pounds; 880 Pounds; 1440 Pounds; 1280 Pounds; 1920 Pounds; 1240 Pounds; 600 Pounds; 150 Pounds; 600 Pounds; 450 Pounds; 2500 Pounds; 300 Pounds; 5 Pounds; 2800 Pounds; 1080 Pounds; 520 Pounds; 4000 Pounds; 840 Pounds; 1960 Pounds; 400 Pounds
2005: 2120 Pounds; 420 Pounds; 200 Pounds; 2800 Pounds; 9500 Pounds; 110 Gallons; 200 Pounds; 300 Pounds; 45 Pounds; 1050 Pounds; 600 Pounds; 450 Pounds; 2360 Pounds; 1440 Pounds; 600 Pounds; 200 Pounds; 355 Pounds; 1000 Pounds; 200 Pounds; 320 Pounds; 150 Pounds; 150 Pounds; 600 Pounds; 450 Pounds; 450 Pounds; 1080 Pounds; 2000 Pounds; 1640 Pounds; 800 Pounds; 2240 Pounds; 1680 Pounds; 1360 Pounds; 450 Pounds; 300 Pounds; 2000 Pounds; 300 Pounds; 300 Pounds; 1400 Pounds; 300 Pounds; 800 Pounds; 25 Pounds; 300 Pounds; 60 Pounds; 50 Pounds; 5640 Pounds; 600 Pounds; 150 Pounds; 750 Pounds; 1880 Pounds
2006: 190 Pounds; 150 Pounds; 20 Pounds; 150 Pounds; 1600 Pounds; 40 Pounds
2008: 55 Gallons; 50 Pounds
2009: 75 Pounds; 55 Gallons; 55 Gallons; 55 Gallons; 55 Gallons; 800 Pounds

Waste Code(s):

P032: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Amounts By Year:

2001: 1000 Pounds

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)
U007: (79-06-1) 2-Propenamide
U058: (50-18-0) 2H-1,3,2-Oxazaphosphorin- 2-amine, N,N-bis (2-chloroethyl) tetrahydro-, 2-oxide
U082: (87-65-0) Phenol, 2,6-dichloro-

Waste Amounts By Year:

2006: 450 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
D003: REACTIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2006: 40 Pounds

74	4 of 10	S	0.11 / 592.17	24.22 / 15	NYCDEP 33 S 1ST ST BROOKLYN NY	GEN MANIFEST

RCRA ID: NYP003661618
Mailing Street 1: 96-05 HORACE HARDING EPWY
District Name: NYCDEP

Mailing Street 2:
Business Phone No: 7185954784
Mailing City: FLUSHING
Contact Name: N/S
Mailing State: NY
Location Zip Extension:
Mailing Zip: 11368
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

P106: (143-33-9) Sodium cyanide

Waste Amounts By Year:

2003: 5 Pounds

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2003: 20 Pounds; 100 Pounds

Waste Code(s):

D009: MERCURY (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2003: 120 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2003: 10 Pounds; 20 Pounds; 5 Pounds; 2 Pounds

Waste Code(s):

D011: SILVER (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2003: 20 Pounds

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RCRA ID: NYP003681881
Mailing Street 1: 96-05 HORACE HARDING
District Name: NYCDEP
Mailing Street 2:
Business Phone No: 7185954784
Mailing City: FLUSHING

Contact Name:	N/S
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	11368
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2004: 1800 Pounds

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33 SOUTH 1ST ST.
BROOKLYN NY 11211 | ***PCB***

Site ID:	NYD049178296	**Mail Street 1:**	261 KENT AVE.
Receive Date:		**Mail Street 2:**	
Generator:	No	**Mail Street No:**	
Storer:	No	**Mail City:**	BROOKLYN
Transporter:	Yes	**Mail State:**	NY
Disposer:	No	**Mail Zip:**	11211
Research:	No	**Mail Country:**	US
Smelter:	No	**Contact Name:**	LOUIS CAMACHO
Cert Title:		**Contact Title:**	
Cert Date:	4/15/2003	**Contact Phone:**	718-963-2233
Cert Name:		**Contact Phone Ext:**	
Location Country:	US	**Contact Email:**	
State Name:	NEW YORK	**Owner Name:**	RADIAC RESEARCH CORP.
Region:	2		

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74 | ***7 of 10*** | ***S*** | ***0.11 / 592.17*** | ***24.22 / 15*** | ***RADIAC RESEARCH CORP***
33 S 1ST ST
BROOKLYN NY 11249 | ***RCRA CORRACTS***

EPA Handler ID:	NYD049178296
Gen Status Universe:	No Report
Contact Name:	JOHN V TEKIN JR
Contact Address:	261 , KENT AVE , , BROOKLYN , NY, 11249 , US
Contact Phone No and Ext:	718-963-2233 201
Contact Email:	JTEKIN@RADIACENV.COM
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20190305

Event/Area Details

Area Name:	SITEWIDE
Event Code:	CA050
Corrective Action Event Descri:	RFA COMPLETED
Actual Date of Event:	19851129
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19851129

Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: SITEWIDE
Event Code: CA725YE
Corrective Action Event Descri: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date of Event: 20090924
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20090924
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: SITEWIDE
Event Code: CA075LO
Corrective Action Event Descri: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date of Event: 19930210
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19930210
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: SITEWIDE
Event Code: CA050
Corrective Action Event Descri: RFA COMPLETED
Actual Date of Event: 20001228
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20001228
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: SITEWIDE
Event Code: CA070NO
Corrective Action Event Descri: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY
Actual Date of Event: 20001228
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20001228
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: SITEWIDE
Event Code: CA999
Corrective Action Event Descri: CA PROCESS IS TERMINATED
Actual Date of Event: 20090924
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20090924
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:

Event Responsible Agency:	S
Area Name:	SITEWIDE
Event Code:	CA400
Corrective Action Event Descri:	REMEDY DECISION
Actual Date of Event:	20090924
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	20090924
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	SITEWIDE
Event Code:	CA550NR
Corrective Action Event Descri:	REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
Actual Date of Event:	20090924
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	20090924
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	SITEWIDE
Event Code:	CA750YE
Corrective Action Event Descri:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date of Event:	20090924
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	20090924
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	SITEWIDE
Event Code:	CA800YE
Corrective Action Event Descri:	READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE
Actual Date of Event:	20130917
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	20130917
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Violation/Evaluation Summary

Note:	VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated June, 2019.

Violation Details

Citation:	
Violation Short Description:	Transporters - General
Violation Type:	263.A
Violation Determined Date:	20061103
Scheduled Compliance Date:	
Return to Compliance:	Documented

Actual Return to Compl: 20080905
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20080728
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20080905
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 5000
Paid Amount: 5000

Violation Details

Citation:
Violation Short Description: Universal Waste - Small Quantity Handlers
Violation Type: 273.B
Violation Determined Date: 20061103
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20080905
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20080728
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20080905
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 5000
Paid Amount: 5000

Violation Details

Citation: SR - 373 Permit
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20040624
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20040624
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20041014
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 373 Permit/373-2.9(h)(3)
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20040624
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20040624
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20041014
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 373 Permit/373-2.3(b)
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20040624
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20040624
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20041014
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: Transporters - Manifest and Recordkeeping
Violation Type: 263.B
Violation Determined Date: 20010508
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20010621
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20020508
Enf Disposition Status:
Disposition Status Date:

Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20000328
Scheduled Compliance Date: 20000905
Return to Compliance: Observed
Actual Return to Compl: 20000908
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20000508
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 20000328
Scheduled Compliance Date: 20000905
Return to Compliance: Observed
Actual Return to Compl: 20000908
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20000508
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990927
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990927
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20000215
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 20000
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19990927
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A

Violation Determined Date: 19990927
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20000215
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 20000
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 6nycrr373-2.3(d) & Permit Cond
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990726
Scheduled Compliance Date: 19990820
Return to Compliance: Observed
Actual Return to Compl: 19990813
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19990726
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990420
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990420
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19990423
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19990420
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19990423
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19990420
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER

Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19980515
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19980515
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19981027
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 24995
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19980515
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404

Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19980515
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19981027
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 24995
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19970428
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19970428
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19971002
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 1200
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19970428
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19970428
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19971002
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State

Proposed Penalty Amount: 1200
Final Amount:
Paid Amount:

Violation Details

Citation: FR - 40CFR265.16(d)(4) & (e)
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19960708
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 6NYCRR373-2.2(g)(2) & (4)
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19970131
Return to Compliance: Observed
Actual Return to Compl: 19971217
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:

Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: FR - 40cfr265.32(c)and 265.33
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19960708
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: SR - 6nycrr373-2.5(d)(1), 373-2.2(h
Violation Short Description: Permits - Application
Violation Type: 270.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19970131
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER

Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: SR - iNYCRR373-2.2(h)(5)
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19950607
Scheduled Compliance Date: 19950710
Return to Compliance: Observed
Actual Return to Compl: 19960417
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 6NYCRR373-2.3(f)
Violation Short Description: TSD - Preparedness and Prevention
Violation Type: 264.C
Violation Determined Date: 19950607
Scheduled Compliance Date: 19950712
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: SR - 6NYCRR 376.5(a)(1)(ii)('a')
Violation Short Description: TSD - Container Use and Management
Violation Type: 264.I
Violation Determined Date: 19950607
Scheduled Compliance Date: 19960708
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19941216
Scheduled Compliance Date: 19950214
Return to Compliance: Observed
Actual Return to Compl: 19950517
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19941216
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:

Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - Manifest/Records/Reporting
Violation Type: 264.E
Violation Determined Date: 19941216
Scheduled Compliance Date: 19950116
Return to Compliance: Observed
Actual Return to Compl: 19950130
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19941216
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19941216
Scheduled Compliance Date: 19950214
Return to Compliance: Observed
Actual Return to Compl: 19950517
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19941216
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19910201
Scheduled Compliance Date: 19910728
Return to Compliance: Observed
Actual Return to Compl: 19920130
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310

Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19910528
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 40000
Paid Amount: 40000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19901221
Scheduled Compliance Date: 19910121
Return to Compliance: Observed
Actual Return to Compl: 19910528
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19900720
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19900726
Scheduled Compliance Date: 19910728
Return to Compliance: Observed
Actual Return to Compl: 19920130
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19910528
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 40000
Paid Amount: 40000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19900720
Scheduled Compliance Date: 19900820
Return to Compliance: Observed

Actual Return to Compl: 19910528
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19900720
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19900511
Scheduled Compliance Date: 19900922
Return to Compliance: Observed
Actual Return to Compl: 19900924
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19900511
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19860919
Scheduled Compliance Date: 19861019
Return to Compliance: Observed
Actual Return to Compl: 19860930
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19860919
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19860515
Scheduled Compliance Date: 19860615
Return to Compliance: Observed
Actual Return to Compl: 19860820
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19860515
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19860502
Scheduled Compliance Date: 19860602
Return to Compliance: Observed
Actual Return to Compl: 19860711
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19860502
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19840731
Scheduled Compliance Date: 19850427
Return to Compliance: Observed
Actual Return to Compl: 19850712
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19850327
Enf Disposition Status:
Disposition Status Date:

Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20130322
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120913
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20100217
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20080905
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20080905
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20071105
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description: Universal Waste - Small Quantity Handlers
Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20071105
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description: Transporters - General
Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20061128
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20061103
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Universal Waste - Small Quantity Handlers
Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20061103
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Transporters - General
Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20060520

Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20060511
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20040624
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20040624
Evaluation Agency: State

Evaluation Start Date: 20040310
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20040220
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20030827
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20030708
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20030304
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020815
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020711
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20020301
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020201
Evaluation Type Description: CASE DEVELOPMENT INSPECTION
Violation Short Description:
Return to Compliance Date:

Evaluation Agency: State

Evaluation Start Date: 20010928
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010712
Evaluation Type Description: CASE DEVELOPMENT INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010606
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010508
Evaluation Type Description: CASE DEVELOPMENT INSPECTION
Violation Short Description: Transporters - Manifest and Recordkeeping
Return to Compliance Date: 20010621
Evaluation Agency: State

Evaluation Start Date: 20010309
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20001128
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20000908
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20000328
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000908
Evaluation Agency: State

Evaluation Start Date: 20000328
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000908
Evaluation Agency: State

Evaluation Start Date: 19990927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19990927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19990617

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19990813
Evaluation Agency: EPA

Evaluation Start Date: 19990420
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19990303
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19990303
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19980319
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19980319
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19970305
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19970225
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19970225
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19960628
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19960417
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19960417
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 19971217

Evaluation Agency: EPA

Evaluation Start Date: 19960417
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Permits - Application
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19950524
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Preparedness and Prevention
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19950524
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 19960417
Evaluation Agency: EPA

Evaluation Start Date: 19950524
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Container Use and Management
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19940927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19950517
Evaluation Agency: State

Evaluation Start Date: 19940927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Manifest/Records/Reporting
Return to Compliance Date: 19950130
Evaluation Agency: State

Evaluation Start Date: 19940927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 19950517
Evaluation Agency: State

Evaluation Start Date: 19930920
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920921
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920130
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19910930
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19910201

Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19901221
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19910528
Evaluation Agency: EPA

Evaluation Start Date: 19901221
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19920130
Evaluation Agency: State

Evaluation Start Date: 19900720
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19910528
Evaluation Agency: EPA

Evaluation Start Date: 19900706
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19920130
Evaluation Agency: State

Evaluation Start Date: 19900228
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19900924
Evaluation Agency: State

Evaluation Start Date: 19890215
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19871109
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19870911
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19870903
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19870212
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19870211
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:

Evaluation Agency: State

Evaluation Start Date: 19870211
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19861022
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19860825
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19860825
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19860930
Evaluation Agency: State

Evaluation Start Date: 19860611
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19860516
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19860515
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19860820
Evaluation Agency: State

Evaluation Start Date: 19860228
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19860711
Evaluation Agency: State

Evaluation Start Date: 19860228
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19850627
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19840731
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19850712
Evaluation Agency: State

Evaluation Start Date: 19840430

Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19840104
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: Yes
Transfer Facility: Yes
Onsite Burner: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19800721
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D019
Waste Code Description: CARBON TETRACHLORIDE

Hazardous Waste Code: D020
Waste Code Description: CHLORDANE

Hazardous Waste Code: D021
Waste Code Description: CHLOROBENZENE

Hazardous Waste Code: D022
Waste Code Description: CHLOROFORM

Hazardous Waste Code: D023
Waste Code Description: O-CRESOL

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: D025
Waste Code Description: P-CRESOL

Hazardous Waste Code: D026
Waste Code Description: CRESOL

Hazardous Waste Code: D027
Waste Code Description: 1,4-DICHLOROBENZENE

Hazardous Waste Code: D028
Waste Code Description: 1,2-DICHLOROETHANE

Hazardous Waste Code: D029
Waste Code Description: 1,1-DICHLOROETHYLENE

Hazardous Waste Code: D030
Waste Code Description: 2,4-DINITROTOLUENE

Hazardous Waste Code: D031
Waste Code Description: HEPTACHLOR (AND ITS EPOXIDE)

Hazardous Waste Code: D032
Waste Code Description: HEXACHLOROBENZENE

Hazardous Waste Code: D033
Waste Code Description: HEXACHLOROBUTADIENE

Hazardous Waste Code: D034
Waste Code Description: HEXACHLOROETHANE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D036
Waste Code Description: NITROBENZENE

Hazardous Waste Code: D038
Waste Code Description: PYRIDINE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: D042
Waste Code Description: 2,4,6-TRICHLOROPHENOL

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR

THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F004
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F010
Waste Code Description: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F011
Waste Code Description: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

Hazardous Waste Code: F012
Waste Code Description: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P002

Waste Code Description:	1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-
Hazardous Waste Code:	P003
Waste Code Description:	2-PROPENAL (OR) ACROLEIN
Hazardous Waste Code:	P004
Waste Code Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN
Hazardous Waste Code:	P005
Waste Code Description:	2-PROPEN-1-OL (OR) ALLYL ALCOHOL
Hazardous Waste Code:	P006
Waste Code Description:	ALUMINUM PHOSPHIDE (R,T)
Hazardous Waste Code:	P007
Waste Code Description:	3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL
Hazardous Waste Code:	P008
Waste Code Description:	4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE
Hazardous Waste Code:	P009
Waste Code Description:	AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)
Hazardous Waste Code:	P010
Waste Code Description:	ARSENIC ACID H3ASO4
Hazardous Waste Code:	P011
Waste Code Description:	ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE
Hazardous Waste Code:	P012
Waste Code Description:	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Hazardous Waste Code:	P013
Waste Code Description:	BARIUM CYANIDE
Hazardous Waste Code:	P014
Waste Code Description:	BENZENETHIOL (OR) THIOPHENOL
Hazardous Waste Code:	P015
Waste Code Description:	BERYLLIUM
Hazardous Waste Code:	P016
Waste Code Description:	DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-
Hazardous Waste Code:	P017
Waste Code Description:	2-PROPANONE, 1-BROMO- (OR) BROMOACETONE
Hazardous Waste Code:	P018
Waste Code Description:	BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-
Hazardous Waste Code:	P020
Waste Code Description:	DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
Hazardous Waste Code:	P021
Waste Code Description:	CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2
Hazardous Waste Code:	P022
Waste Code Description:	CARBON DISULFIDE
Hazardous Waste Code:	P023
Waste Code Description:	ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE
Hazardous Waste Code:	P024
Waste Code Description:	BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE
Hazardous Waste Code:	P026
Waste Code Description:	1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-

Hazardous Waste Code: P027
Waste Code Description: 3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-

Hazardous Waste Code: P029
Waste Code Description: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

Hazardous Waste Code: P030
Waste Code Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Hazardous Waste Code: P031
Waste Code Description: CYANOGEN (OR) ETHANEDINITRILE

Hazardous Waste Code: P033
Waste Code Description: CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL

Hazardous Waste Code: P034
Waste Code Description: 2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-

Hazardous Waste Code: P036
Waste Code Description: ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE

Hazardous Waste Code: P037
Waste Code Description: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

Hazardous Waste Code: P038
Waste Code Description: ARSINE, DIETHYL- (OR) DIETHYLARSINE

Hazardous Waste Code: P039
Waste Code Description: DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER

Hazardous Waste Code: P040
Waste Code Description: O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER

Hazardous Waste Code: P041
Waste Code Description: DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P043
Waste Code Description: DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER

Hazardous Waste Code: P044
Waste Code Description: DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER

Hazardous Waste Code: P045
Waste Code Description: 2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX

Hazardous Waste Code: P046
Waste Code Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Hazardous Waste Code: P047
Waste Code Description: 4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS

Hazardous Waste Code: P048
Waste Code Description: 2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-

Hazardous Waste Code: P049
Waste Code Description: DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH

Hazardous Waste Code: P050
Waste Code Description: 6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN

Hazardous Waste Code: P051

Waste Code Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES
Hazardous Waste Code:	P054
Waste Code Description:	AZIRIDINE (OR) ETHYLENEIMINE
Hazardous Waste Code:	P056
Waste Code Description:	FLUORINE
Hazardous Waste Code:	P057
Waste Code Description:	ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE
Hazardous Waste Code:	P058
Waste Code Description:	ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT
Hazardous Waste Code:	P059
Waste Code Description:	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR
Hazardous Waste Code:	P060
Waste Code Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN
Hazardous Waste Code:	P062
Waste Code Description:	HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER
Hazardous Waste Code:	P063
Waste Code Description:	HYDROCYANIC ACID (OR) HYDROGEN CYANIDE
Hazardous Waste Code:	P064
Waste Code Description:	METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE
Hazardous Waste Code:	P065
Waste Code Description:	FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)
Hazardous Waste Code:	P066
Waste Code Description:	ETHANIMIDOTHIOIC ACID, N-[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL
Hazardous Waste Code:	P067
Waste Code Description:	1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-
Hazardous Waste Code:	P068
Waste Code Description:	HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE
Hazardous Waste Code:	P069
Waste Code Description:	2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-
Hazardous Waste Code:	P070
Waste Code Description:	ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME
Hazardous Waste Code:	P071
Waste Code Description:	METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER
Hazardous Waste Code:	P072
Waste Code Description:	ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-
Hazardous Waste Code:	P073
Waste Code Description:	NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-
Hazardous Waste Code:	P074
Waste Code Description:	NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2
Hazardous Waste Code:	P075
Waste Code Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Hazardous Waste Code:	P076
Waste Code Description:	NITRIC OXIDE (OR) NITROGEN OXIDE NO
Hazardous Waste Code:	P077

Waste Code Description:	BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE
Hazardous Waste Code:	P078
Waste Code Description:	NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2
Hazardous Waste Code:	P081
Waste Code Description:	1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
Hazardous Waste Code:	P082
Waste Code Description:	METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE
Hazardous Waste Code:	P084
Waste Code Description:	N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-
Hazardous Waste Code:	P085
Waste Code Description:	DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE
Hazardous Waste Code:	P087
Waste Code Description:	OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE
Hazardous Waste Code:	P088
Waste Code Description:	7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL
Hazardous Waste Code:	P089
Waste Code Description:	PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER
Hazardous Waste Code:	P092
Waste Code Description:	MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE
Hazardous Waste Code:	P093
Waste Code Description:	PHENYLTHIOUREA (OR) THIOUREA, PHENYL-
Hazardous Waste Code:	P094
Waste Code Description:	PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER
Hazardous Waste Code:	P095
Waste Code Description:	CARBONIC DICHLORIDE (OR) PHOSGENE
Hazardous Waste Code:	P096
Waste Code Description:	HYDROGEN PHOSPHIDE (OR) PHOSPHINE
Hazardous Waste Code:	P097
Waste Code Description:	FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER
Hazardous Waste Code:	P098
Waste Code Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Hazardous Waste Code:	P099
Waste Code Description:	ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE
Hazardous Waste Code:	P101
Waste Code Description:	ETHYL CYANIDE (OR) PROPANENITRILE
Hazardous Waste Code:	P102
Waste Code Description:	2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL
Hazardous Waste Code:	P103
Waste Code Description:	SELENOUREA
Hazardous Waste Code:	P104
Waste Code Description:	SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)
Hazardous Waste Code:	P105
Waste Code Description:	SODIUM AZIDE
Hazardous Waste Code:	P106
Waste Code Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Hazardous Waste Code: P107
Waste Code Description: STRONTIUM SULFIDE SRS

Hazardous Waste Code: P108
Waste Code Description: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

Hazardous Waste Code: P109
Waste Code Description: TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER

Hazardous Waste Code: P110
Waste Code Description: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD

Hazardous Waste Code: P111
Waste Code Description: DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE

Hazardous Waste Code: P112
Waste Code Description: METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)

Hazardous Waste Code: P113
Waste Code Description: THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3

Hazardous Waste Code: P114
Waste Code Description: SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE

Hazardous Waste Code: P115
Waste Code Description: SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE

Hazardous Waste Code: P116
Waste Code Description: HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE

Hazardous Waste Code: P118
Waste Code Description: METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL

Hazardous Waste Code: P119
Waste Code Description: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

Hazardous Waste Code: P120
Waste Code Description: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

Hazardous Waste Code: P121
Waste Code Description: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

Hazardous Waste Code: P122
Waste Code Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)

Hazardous Waste Code: P123
Waste Code Description: TOXAPHENE

Hazardous Waste Code: U001
Waste Code Description: ACETALDEHYDE (I) (OR) ETHANAL (I)

Hazardous Waste Code: U012
Waste Code Description: ANILINE (I,T) (OR) BENZENAMINE (I,T)

Hazardous Waste Code: U014
Waste Code Description: AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-

Hazardous Waste Code: U015
Waste Code Description: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

Hazardous Waste Code: U016
Waste Code Description: BENZ[C]ACRIDINE

Hazardous Waste Code: U017
Waste Code Description: BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-

Hazardous Waste Code: U018
Waste Code Description: BENZ[A]ANTHRACENE

Hazardous Waste Code:	U019
Waste Code Description:	BENZENE (I,T)
Hazardous Waste Code:	U020
Waste Code Description:	BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)
Hazardous Waste Code:	U021
Waste Code Description:	[1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE
Hazardous Waste Code:	U022
Waste Code Description:	BENZO[A]PYRENE
Hazardous Waste Code:	U023
Waste Code Description:	BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)
Hazardous Waste Code:	U024
Waste Code Description:	DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-
Hazardous Waste Code:	U025
Waste Code Description:	DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-
Hazardous Waste Code:	U026
Waste Code Description:	CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-
Hazardous Waste Code:	U027
Waste Code Description:	DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-
Hazardous Waste Code:	U028
Waste Code Description:	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE
Hazardous Waste Code:	U029
Waste Code Description:	METHANE, BROMO- (OR) METHYL BROMIDE
Hazardous Waste Code:	U030
Waste Code Description:	4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-
Hazardous Waste Code:	U031
Waste Code Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Hazardous Waste Code:	U032
Waste Code Description:	CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT
Hazardous Waste Code:	U033
Waste Code Description:	CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE
Hazardous Waste Code:	U034
Waste Code Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Hazardous Waste Code:	U035
Waste Code Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Hazardous Waste Code:	U036
Waste Code Description:	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
Hazardous Waste Code:	U037
Waste Code Description:	BENZENE, CHLORO- (OR) CHLOROBENZENE
Hazardous Waste Code:	U038
Waste Code Description:	BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE
Hazardous Waste Code:	U039
Waste Code Description:	P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-
Hazardous Waste Code:	U041
Waste Code Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Hazardous Waste Code:	U042

Waste Code Description:	2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-
Hazardous Waste Code:	U043
Waste Code Description:	ETHENE, CHLORO- (OR) VINYL CHLORIDE
Hazardous Waste Code:	U044
Waste Code Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Hazardous Waste Code:	U045
Waste Code Description:	METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)
Hazardous Waste Code:	U046
Waste Code Description:	CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-
Hazardous Waste Code:	U047
Waste Code Description:	BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-
Hazardous Waste Code:	U048
Waste Code Description:	O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-
Hazardous Waste Code:	U049
Waste Code Description:	4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE
Hazardous Waste Code:	U050
Waste Code Description:	CHRYSENE
Hazardous Waste Code:	U051
Waste Code Description:	CREOSOTE
Hazardous Waste Code:	U052
Waste Code Description:	CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-
Hazardous Waste Code:	U053
Waste Code Description:	2-BUTENAL (OR) CROTONALDEHYDE
Hazardous Waste Code:	U055
Waste Code Description:	BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)
Hazardous Waste Code:	U056
Waste Code Description:	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
Hazardous Waste Code:	U057
Waste Code Description:	CYCLOHEXANONE (I)
Hazardous Waste Code:	U058
Waste Code Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Hazardous Waste Code:	U059
Waste Code Description:	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN
Hazardous Waste Code:	U060
Waste Code Description:	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD
Hazardous Waste Code:	U061
Waste Code Description:	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT
Hazardous Waste Code:	U062
Waste Code Description:	CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALLATE
Hazardous Waste Code:	U063
Waste Code Description:	DIBENZ[A,H]ANTHRACENE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19801119
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Part A

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F004
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code:	F007
Waste Code Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Hazardous Waste Code:	F008
Waste Code Description:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F009
Waste Code Description:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F010
Waste Code Description:	QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F011
Waste Code Description:	SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.
Hazardous Waste Code:	F012
Waste Code Description:	QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F019
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
Hazardous Waste Code:	P001
Waste Code Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Hazardous Waste Code:	P002
Waste Code Description:	1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-
Hazardous Waste Code:	P003
Waste Code Description:	2-PROPENAL (OR) ACROLEIN
Hazardous Waste Code:	P004
Waste Code Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN
Hazardous Waste Code:	P005
Waste Code Description:	2-PROPEN-1-OL (OR) ALLYL ALCOHOL
Hazardous Waste Code:	P006
Waste Code Description:	ALUMINUM PHOSPHIDE (R,T)
Hazardous Waste Code:	P007
Waste Code Description:	3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL
Hazardous Waste Code:	P008
Waste Code Description:	4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE
Hazardous Waste Code:	P009
Waste Code Description:	AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)
Hazardous Waste Code:	P010
Waste Code Description:	ARSENIC ACID H3ASO4
Hazardous Waste Code:	P011
Waste Code Description:	ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE
Hazardous Waste Code:	P012
Waste Code Description:	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Hazardous Waste Code:	P013

Waste Code Description:	BARIUM CYANIDE
Hazardous Waste Code:	P014
Waste Code Description:	BENZENETHIOL (OR) THIOPHENOL
Hazardous Waste Code:	P015
Waste Code Description:	BERYLLIUM
Hazardous Waste Code:	P016
Waste Code Description:	DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-
Hazardous Waste Code:	P017
Waste Code Description:	2-PROPANONE, 1-BROMO- (OR) BROMOACETONE
Hazardous Waste Code:	P018
Waste Code Description:	BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-
Hazardous Waste Code:	P020
Waste Code Description:	DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
Hazardous Waste Code:	P021
Waste Code Description:	CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2
Hazardous Waste Code:	P022
Waste Code Description:	CARBON DISULFIDE
Hazardous Waste Code:	P023
Waste Code Description:	ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE
Hazardous Waste Code:	P024
Waste Code Description:	BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE
Hazardous Waste Code:	P026
Waste Code Description:	1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-
Hazardous Waste Code:	P027
Waste Code Description:	3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-
Hazardous Waste Code:	P029
Waste Code Description:	COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
Hazardous Waste Code:	P030
Waste Code Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Hazardous Waste Code:	P031
Waste Code Description:	CYANOGEN (OR) ETHANEDINITRILE
Hazardous Waste Code:	P033
Waste Code Description:	CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL
Hazardous Waste Code:	P034
Waste Code Description:	2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-
Hazardous Waste Code:	P036
Waste Code Description:	ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE
Hazardous Waste Code:	P037
Waste Code Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN
Hazardous Waste Code:	P038
Waste Code Description:	ARSINE, DIETHYL- (OR) DIETHYLARSINE
Hazardous Waste Code:	P039
Waste Code Description:	DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER
Hazardous Waste Code:	P040
Waste Code Description:	O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER

Hazardous Waste Code:	P041
Waste Code Description:	DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER
Hazardous Waste Code:	P042
Waste Code Description:	1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE
Hazardous Waste Code:	P043
Waste Code Description:	DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER
Hazardous Waste Code:	P044
Waste Code Description:	DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER
Hazardous Waste Code:	P045
Waste Code Description:	2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX
Hazardous Waste Code:	P046
Waste Code Description:	ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-
Hazardous Waste Code:	P047
Waste Code Description:	4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS
Hazardous Waste Code:	P048
Waste Code Description:	2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-
Hazardous Waste Code:	P049
Waste Code Description:	DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH
Hazardous Waste Code:	P050
Waste Code Description:	6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN
Hazardous Waste Code:	P051
Waste Code Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES
Hazardous Waste Code:	P054
Waste Code Description:	AZIRIDINE (OR) ETHYLENEIMINE
Hazardous Waste Code:	P056
Waste Code Description:	FLUORINE
Hazardous Waste Code:	P057
Waste Code Description:	ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE
Hazardous Waste Code:	P058
Waste Code Description:	ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT
Hazardous Waste Code:	P059
Waste Code Description:	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR
Hazardous Waste Code:	P060
Waste Code Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN
Hazardous Waste Code:	P062
Waste Code Description:	HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER
Hazardous Waste Code:	P063
Waste Code Description:	HYDROCYANIC ACID (OR) HYDROGEN CYANIDE
Hazardous Waste Code:	P064
Waste Code Description:	METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE
Hazardous Waste Code:	P065
Waste Code Description:	FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)

Hazardous Waste Code:	P066
Waste Code Description:	ETHANIMIDOTHIOIC ACID, N-[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL
Hazardous Waste Code:	P067
Waste Code Description:	1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-
Hazardous Waste Code:	P068
Waste Code Description:	HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE
Hazardous Waste Code:	P069
Waste Code Description:	2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-
Hazardous Waste Code:	P070
Waste Code Description:	ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME
Hazardous Waste Code:	P071
Waste Code Description:	METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER
Hazardous Waste Code:	P072
Waste Code Description:	ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-
Hazardous Waste Code:	P073
Waste Code Description:	NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-
Hazardous Waste Code:	P074
Waste Code Description:	NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2
Hazardous Waste Code:	P075
Waste Code Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Hazardous Waste Code:	P076
Waste Code Description:	NITRIC OXIDE (OR) NITROGEN OXIDE NO
Hazardous Waste Code:	P077
Waste Code Description:	BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE
Hazardous Waste Code:	P078
Waste Code Description:	NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2
Hazardous Waste Code:	P081
Waste Code Description:	1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
Hazardous Waste Code:	P082
Waste Code Description:	METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE
Hazardous Waste Code:	P084
Waste Code Description:	N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-
Hazardous Waste Code:	P085
Waste Code Description:	DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE
Hazardous Waste Code:	P087
Waste Code Description:	OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE
Hazardous Waste Code:	P088
Waste Code Description:	7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL
Hazardous Waste Code:	P089
Waste Code Description:	PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER
Hazardous Waste Code:	P092
Waste Code Description:	MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE
Hazardous Waste Code:	P093
Waste Code Description:	PHENYLTHIOUREA (OR) THIOUREA, PHENYL-
Hazardous Waste Code:	P094
Waste Code Description:	PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER

Hazardous Waste Code: P095
Waste Code Description: CARBONIC DICHLORIDE (OR) PHOSGENE

Hazardous Waste Code: P096
Waste Code Description: HYDROGEN PHOSPHIDE (OR) PHOSPHINE

Hazardous Waste Code: P097
Waste Code Description: FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER

Hazardous Waste Code: P098
Waste Code Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Hazardous Waste Code: P099
Waste Code Description: ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE

Hazardous Waste Code: P101
Waste Code Description: ETHYL CYANIDE (OR) PROPANENITRILE

Hazardous Waste Code: P102
Waste Code Description: 2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL

Hazardous Waste Code: P103
Waste Code Description: SELENOUREA

Hazardous Waste Code: P104
Waste Code Description: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

Hazardous Waste Code: P105
Waste Code Description: SODIUM AZIDE

Hazardous Waste Code: P106
Waste Code Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Hazardous Waste Code: P107
Waste Code Description: STRONTIUM SULFIDE SRS

Hazardous Waste Code: P108
Waste Code Description: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

Hazardous Waste Code: P109
Waste Code Description: TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER

Hazardous Waste Code: P110
Waste Code Description: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD

Hazardous Waste Code: P111
Waste Code Description: DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE

Hazardous Waste Code: P112
Waste Code Description: METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)

Hazardous Waste Code: P113
Waste Code Description: THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3

Hazardous Waste Code: P114
Waste Code Description: SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE

Hazardous Waste Code: P115
Waste Code Description: SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE

Hazardous Waste Code: P116
Waste Code Description: HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE

Hazardous Waste Code: P118
Waste Code Description: METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL

Hazardous Waste Code: P119

Waste Code Description: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

Hazardous Waste Code: P120
Waste Code Description: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

Hazardous Waste Code: P121
Waste Code Description: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

Hazardous Waste Code: P122
Waste Code Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)

Hazardous Waste Code: P123
Waste Code Description: TOXAPHENE

Hazardous Waste Code: U001
Waste Code Description: ACETALDEHYDE (I) (OR) ETHANAL (I)

Hazardous Waste Code: U012
Waste Code Description: ANILINE (I,T) (OR) BENZENAMINE (I,T)

Hazardous Waste Code: U014
Waste Code Description: AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-

Hazardous Waste Code: U015
Waste Code Description: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

Hazardous Waste Code: U016
Waste Code Description: BENZ[C]ACRIDINE

Hazardous Waste Code: U017
Waste Code Description: BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-

Hazardous Waste Code: U018
Waste Code Description: BENZ[A]ANTHRACENE

Hazardous Waste Code: U019
Waste Code Description: BENZENE (I,T)

Hazardous Waste Code: U020
Waste Code Description: BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)

Hazardous Waste Code: U021
Waste Code Description: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

Hazardous Waste Code: U022
Waste Code Description: BENZO[A]PYRENE

Hazardous Waste Code: U023
Waste Code Description: BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)

Hazardous Waste Code: U024
Waste Code Description: DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-

Hazardous Waste Code: U025
Waste Code Description: DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-

Hazardous Waste Code: U026
Waste Code Description: CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-

Hazardous Waste Code: U027
Waste Code Description: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

Hazardous Waste Code: U028
Waste Code Description: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

Hazardous Waste Code: U029
Waste Code Description: METHANE, BROMO- (OR) METHYL BROMIDE

Hazardous Waste Code: U030

Waste Code Description:	4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-
Hazardous Waste Code:	U031
Waste Code Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Hazardous Waste Code:	U032
Waste Code Description:	CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT
Hazardous Waste Code:	U033
Waste Code Description:	CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE
Hazardous Waste Code:	U034
Waste Code Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Hazardous Waste Code:	U035
Waste Code Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Hazardous Waste Code:	U036
Waste Code Description:	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
Hazardous Waste Code:	U037
Waste Code Description:	BENZENE, CHLORO- (OR) CHLOROBENZENE
Hazardous Waste Code:	U038
Waste Code Description:	BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE
Hazardous Waste Code:	U039
Waste Code Description:	P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-
Hazardous Waste Code:	U041
Waste Code Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Hazardous Waste Code:	U042
Waste Code Description:	2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-
Hazardous Waste Code:	U043
Waste Code Description:	ETHENE, CHLORO- (OR) VINYL CHLORIDE
Hazardous Waste Code:	U044
Waste Code Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Hazardous Waste Code:	U045
Waste Code Description:	METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)
Hazardous Waste Code:	U046
Waste Code Description:	CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-
Hazardous Waste Code:	U047
Waste Code Description:	BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-
Hazardous Waste Code:	U048
Waste Code Description:	O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-
Hazardous Waste Code:	U049
Waste Code Description:	4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE
Hazardous Waste Code:	U050
Waste Code Description:	CHRYSENE
Hazardous Waste Code:	U051
Waste Code Description:	CREOSOTE
Hazardous Waste Code:	U052
Waste Code Description:	CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-
Hazardous Waste Code:	U053

Waste Code Description: 2-BUTENAL (OR) CROTONALDEHYDE

Hazardous Waste Code: U055
Waste Code Description: BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)

Hazardous Waste Code: U056
Waste Code Description: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

Hazardous Waste Code: U057
Waste Code Description: CYCLOHEXANONE (I)

Hazardous Waste Code: U058
Waste Code Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Hazardous Waste Code: U059
Waste Code Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Hazardous Waste Code: U060
Waste Code Description: BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD

Hazardous Waste Code: U061
Waste Code Description: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT

Hazardous Waste Code: U062
Waste Code Description: CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALLATE

Hazardous Waste Code: U063
Waste Code Description: DIBENZ[A,H]ANTHRACENE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900301
Handler Name: RADIAC RESEARCH CORPORATION
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920227
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19940325
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19960306
Handler Name: RADIAC RESEARCH CORP.
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19980227
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990729
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20010101
Handler Name: RADIAC RESEARCH CORP.
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20020211
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20040223
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060207
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20060208
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U001
Waste Code Description: ACETALDEHYDE (I) (OR) ETHANAL (I)

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report

Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20121002
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20170525
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20180814
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20190305
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Street No:
Street 1:

Name:	NO NAME FOUND	**Street 2:**	
Date Became Current:	19860101	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Implementer	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	ALTON PKWY
Name:	RADIAC RESEARCH CORP	**Street 2:**	
Date Became Current:	19860101	**City:**	SILVER SPRING
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	20910
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	RADIAC RESEARCH CORP	**Street 2:**	
Date Became Current:	19860101	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	261 KENT AVE
Name:	JOHN V TEKIN ELLERY K FOLEY ARTHUR GREEN	**Street 2:**	
Date Became Current:		**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	718-963-2233	**Country:**	
Source Type:	Part A	**Zip Code:**	11211
Owner/Operator Ind:	Current Owner	**Street No:**	9115
Type:	Private	**Street 1:**	ALTON PKWY
Name:	SAM & ETHEL LOEFFLER	**Street 2:**	
Date Became Current:	19740105	**City:**	SILVER SPRINGS
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Implementer	**Zip Code:**	20910
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	RADIAC RESEARCH CORP	**Street 2:**	
Date Became Current:	19860604	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Implementer	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	261 KENT AVE
Name:	JOHN TEKIN-ELLEREY FOLEY-ARTHUR GREEN	**Street 2:**	
Date Became Current:		**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	212-963-2233	**Country:**	
Source Type:	Notification	**Zip Code:**	11211
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	RADIAC RESEARCH CORP	**Street 2:**	
Date Became Current:	19860604	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	ALTON PKWY
Name:	SAM & ETHEL LOEFFLER	**Street 2:**	
Date Became Current:	19740101	**City:**	SILVER SPRING
Date Ended Current:		**State:**	MD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	20910
Owner/Operator Ind:	Current Owner	**Street No:**	9115
Type:	Private	**Street 1:**	ALTON PKWY
Name:	SAM & ETHEL LOEFFLER	**Street 2:**	
Date Became Current:	19740105	**City:**	SILVER SPRINGS
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	20910
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	ALTON PKWY
Name:	SAM ETHEL LOEFFLER	**Street 2:**	
Date Became Current:	19740101	**City:**	SILVER SPRING
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	20910
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	ALTON PKWY
Name:	SAM & ETHEL LOEFFLER	**Street 2:**	
Date Became Current:	19740101	**City:**	SILVER SPRING
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Implementer	**Zip Code:**	20910
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	RADIAC RESEARCH CORP	**Street 2:**	
Date Became Current:	19860604	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	

74	8 of 10	S	0.11 / 592.17	24.22 / 15	**RADIAC RESEARCH CORP** **33 S 1ST ST** **BROOKLYN NY 11211**	**REC MANIFEST**

RCRA ID:	NYD049178296
Mailing Street 1:	261 KENT AVE
District Name:	RADIAC RESEARCH CORP
Mailing Street 2:	
Business Phone No:	7189632233
Mailing City:	BROOKLYN
Contact Name:	EDITH BOCHICCHIO
Mailing State:	NY
Mailing Zip:	11211
Location Country:	USA
Mailing Zip Extension:	4188
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D005: BARIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1986: 2 Pounds; 1400 Pounds; 200 Pounds; 200 Pounds; 250 Pounds; 13 Pounds; 200 Pounds; 400 Pounds; 800 Pounds
1987: 200 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 300 Pounds; 50 Pounds; 250 Pounds; 80 Pounds; 350 Pounds; 200 Pounds; 5 Pounds; 25 Pounds; 200 Pounds; 150 Pounds; 800 Pounds; 200 Pounds; 250 Pounds; 100 Pounds; 25 Pounds; 100 Pounds; 90 Pounds; 200 Pounds; 200 Pounds; 100 Pounds; 200 Pounds
1988: 60 Pounds; 250 Pounds; 400 Pounds; 200 Pounds; 240 Pounds; 200 Pounds; 2400 Pounds; 80 Pounds; 80 Pounds; 800 Pounds; 150 Pounds; 100 Pounds; 200 Pounds; 150 Pounds; 175 Pounds; 150 Pounds; 500 Pounds; 20 Pounds; 600 Pounds; 250 Pounds; 2750 Pounds; 80 Pounds; 150

Pounds; 1 Pounds; 100 Pounds; 1250 Pounds; 200 Pounds; 2200 Pounds; 250 Pounds; 80 Pounds; 250 Pounds; 50 Pounds
1989: 300 Pounds; 250 Pounds; 50 Pounds; 900 Pounds; 800 Pounds; 150 Pounds; 50 Pounds; 500 Pounds; 400 Pounds; 100 Pounds; 60 Pounds; 700 Pounds; 80 Pounds; 200 Pounds; 75 Pounds; 50 Pounds; 200 Pounds; 200 Pounds; 500 Pounds; 50 Pounds; 20 Pounds; 900 Pounds; 200 Pounds; 1600 Pounds; 400 Pounds; 440 Pounds; 100 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 900 Pounds; 600 Pounds; 1000 Pounds; 500 Pounds; 1000 Pounds; 150 Pounds; 4800 Pounds; 300 Pounds; 500 Pounds; 700 Pounds; 200 Pounds; 60 Pounds
1990: 500 Pounds; 30 Pounds; 20 Pounds; 200 Pounds; 40 Pounds; 100 Pounds; 450 Pounds; 400 Pounds; 250 Pounds; 200 Pounds; 200 Pounds; 500 Pounds; 200 Pounds; 280 Pounds; 200 Pounds; 160 Pounds; 300 Pounds; 500 Pounds; 6000 Pounds; 500 Pounds; 450 Pounds; 320 Pounds; 400 Pounds; 900 Pounds; 400 Pounds; 1000 Pounds; 400 Pounds; 240 Pounds; 40 Pounds; 200 Pounds; 3000 Pounds; 250 Pounds
1991: 350 Pounds; 80 Pounds; 200 Pounds; 1000 Pounds; 40 Pounds; 40 Pounds; 200 Pounds
1992: 1500 Pounds; 500 Pounds; 40 Pounds; 150 Pounds; 450 Pounds; 160 Pounds; 150 Pounds
1993: 200 Pounds; 200 Pounds; 80 Pounds; 50 Pounds; 30 Pounds; 20 Pounds
1994: 150 Pounds; 1800 Pounds; 40 Pounds; 200 Pounds
1995: 40 Pounds; 40 Pounds; 350 Pounds; 40 Pounds; 250 Pounds; 40 Pounds; 20 Pounds
1996: 40 Pounds; 50 Pounds; 500 Pounds; 20 Pounds; 100 Pounds; 160 Pounds; 40 Pounds; 400 Pounds; 60 Pounds
1997: 100 Pounds; 10 Pounds; 10 Pounds; 100 Pounds; 300 Pounds; 30 Pounds; 100 Pounds; 50 Pounds; 80 Pounds; 1800 Pounds; 100 Pounds; 20 Pounds; 50 Pounds; 150 Pounds; 50 Pounds; 9100 Pounds; 100 Pounds; 20 Pounds
1998: 5 Pounds; 8 Pounds; 5 Pounds; 5 Pounds; 50 Pounds; 150 Pounds; 30 Pounds; 80 Pounds; 1 Pounds; 150 Pounds; 10 Pounds; 50 Pounds; 80 Pounds; 20 Pounds
1999: 20 Pounds; 150 Pounds; 10 Pounds; 50 Pounds; 200 Pounds; 64 Pounds; 10 Pounds; 1776 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 20 Pounds
2000: 30 Pounds; 100 Pounds; 3 Pounds; 150 Pounds; 50 Pounds; 200 Pounds; 200 Pounds; 60 Pounds; 1 Pounds; 200 Pounds; 20 Pounds; 200 Pounds; 100 Pounds; 20 Pounds
2001: 2000 Pounds; 15 Pounds; 8 Pounds; 10 Pounds; 400 Pounds; 50 Pounds; 20 Pounds; 400 Pounds
2002: 50 Pounds; 20 Pounds; 70 Pounds; 100 Pounds; 5 Pounds; 80 Pounds; 20 Pounds; 2 Pounds; 6 Pounds; 10 Pounds; 200 Pounds; 50 Pounds; 30 Pounds; 15 Pounds
2003: 100 Pounds; 5 Pounds; 90 Pounds; 1 Pounds; 20 Pounds; 4 Pounds; 20 Pounds; 10 Pounds; 500 Pounds
2004: 25 Pounds; 40 Pounds; 40 Pounds; 10 Pounds; 10 Pounds; 10 Pounds; 18 Pounds; 40 Pounds; 40 Pounds; 30 Pounds; 30 Pounds; 10 Pounds; 10 Pounds; 2 Pounds
2005: 10 Pounds

Manifest Information

Waste Code(s):

D038: PYRIDINE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1998: 100 Pounds
1999: 40 Pounds; 50 Pounds
2000: 100 Pounds
2002: 100 Pounds

Manifest Information

Waste Code(s):

D039: TETRACHLOROETHYLENE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1998: 6000 Pounds; 400 Pounds
1999: 110 Gallons; 600 Pounds
2000: 1 Pounds; 15 Pounds
2002: 5 Pounds
2004: 600 Pounds

Manifest Information

Waste Code(s):

D040: TRICHLORETHYLENE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1998: 100 Pounds
2004: 10 Pounds
2005: 31 Pounds

Manifest Information

Waste Code(s):

F002: (Generic) The following spent halogenated solvents: tetrachloro-ethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2- trifluoroethane, orthodichlorobenzene, trichlorofluoromethane and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004 or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

Waste Received By Year:

1980/1981: 1600 Pounds; 246 Pounds
1987: 55 Gallons; 45 Pounds; 55 Gallons; 400 Pounds; 2860 Pounds; 935 Gallons; 5500 Pounds; 900 Pounds; 1600 Pounds; 800 Pounds; 800 Pounds; 500 Pounds; 900 Pounds; 55 Gallons; 55 Gallons; 110 Gallons; 400 Pounds; 250 Pounds; 55 Gallons; 400 Pounds; 150 Pounds
1988: 1600 Pounds; 50 Pounds; 55 Gallons; 7000 Pounds; 3200 Pounds; 400 Pounds; 300 Pounds; 50 Gallons; 600 Pounds; 200 Pounds; 300 Pounds; 200 Pounds; 1120 Pounds; 1000 Pounds; 3200 Pounds; 400 Pounds; 800 Pounds
1989: 200 Pounds; 200 Pounds; 500 Pounds; 600 Pounds; 1785 Pounds; 10 Pounds; 4000 Pounds; 400 Pounds; 400 Pounds; 9000 Pounds; 3600 Pounds; 7500 Pounds; 16800 Pounds; 1000 Pounds; 800 Pounds; 8000 Pounds; 1000 Pounds; 7200 Pounds; 7200 Pounds; 600 Pounds; 800 Pounds; 250 Pounds; 4200 Pounds; 3000 Pounds; 4800 Pounds; 200 Pounds; 1785 Pounds; 600 Pounds; 10200 Pounds; 4000 Pounds; 250 Pounds; 4400 Gallons; 160 Pounds; 7000 Pounds; 300 Pounds; 3600 Pounds; 3900 Pounds; 1000 Pounds; 400 Pounds; 1000 Pounds
1990: 400 Pounds; 6000 Pounds; 10200 Pounds; 20 Pounds; 6600 Pounds; 500 Pounds; 5500 Pounds; 40 Pounds; 400 Pounds; 10800 Pounds; 400 Pounds; 9000 Pounds; 3000 Pounds; 5400 Pounds; 6500 Pounds; 9000 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 7000 Pounds; 4200 Pounds
1991: 120 Pounds; 120 Pounds; 320 Pounds; 400 Pounds; 250 Pounds; 240 Pounds; 120 Pounds; 120 Pounds; 360 Pounds; 80 Pounds; 250 Pounds; 20 Pounds; 100 Pounds; 40 Pounds; 75 Pounds; 350 Pounds; 250 Pounds; 150 Pounds; 300 Pounds; 400 Pounds; 400 Pounds; 160 Pounds; 300 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 500 Pounds; 1300 Pounds; 1600 Pounds; 600 Pounds; 400 Pounds; 200 Pounds; 3600 Pounds; 100 Pounds; 40 Pounds; 1600 Pounds; 2000 Pounds; 100 Pounds
1992: 400 Pounds; 20 Pounds; 200 Pounds; 120 Pounds; 80 Pounds; 100 Pounds; 400 Pounds; 400 Pounds; 80 Pounds; 40 Pounds; 1600 Pounds; 50 Pounds; 40 Pounds; 100 Pounds; 200 Pounds; 200 Pounds; 80 Pounds; 10 Pounds; 50 Pounds; 800 Pounds; 550 Pounds; 800 Pounds; 400 Pounds; 250 Pounds; 280 Pounds; 40 Pounds; 80 Pounds; 1200 Pounds; 150 Pounds; 80 Pounds; 120 Pounds; 250 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 80 Pounds; 40 Pounds; 60 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 40 Pounds; 150 Pounds; 1950 Pounds; 100 Pounds; 120 Pounds; 80 Pounds; 120 Pounds; 400 Pounds; 120 Pounds; 160 Pounds; 50 Pounds; 50 Pounds; 160 Pounds; 50 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 50 Pounds; 80 Pounds; 20 Pounds; 200 Pounds; 1200 Pounds; 40 Pounds; 150 Pounds; 80 Pounds; 400 Pounds; 150 Pounds; 40 Pounds; 800 Pounds; 300 Pounds; 1600 Pounds; 300 Pounds; 200 Pounds; 150 Pounds; 40 Pounds; 675 Pounds; 900 Pounds; 400 Pounds; 1200 Pounds; 100 Pounds; 1500 Pounds; 600 Pounds; 400 Pounds; 1600 Pounds; 120 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 80 Pounds; 250 Pounds; 800 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 160 Pounds
1993: 210 Pounds; 900 Pounds; 40 Pounds; 40 Pounds; 2 Pounds; 200 Pounds; 50 Pounds; 850 Pounds; 240 Pounds; 900 Pounds; 550 Pounds; 200 Pounds; 1600 Pounds; 300 Pounds; 240 Pounds; 30 Pounds; 60 Pounds; 2 Pounds; 750 Pounds; 200 Pounds; 3200 Pounds; 1640 Pounds; 1500 Pounds; 1425 Pounds; 700 Pounds; 400 Pounds; 40 Pounds; 80 Pounds; 1200 Pounds; 525 Pounds; 150 Pounds; 325 Pounds; 350 Pounds; 240 Pounds
1994: 400 Pounds; 920 Pounds; 950 Pounds; 800 Pounds; 280 Pounds; 280 Pounds; 50 Pounds; 150 Pounds; 400 Pounds; 240 Pounds; 200 Pounds; 240 Pounds; 160 Pounds; 240 Pounds; 50 Pounds; 400 Pounds; 200 Pounds; 40 Pounds; 800 Pounds; 120 Pounds; 200 Pounds; 160 Pounds; 50 Pounds; 200 Pounds; 100 Pounds; 160 Pounds; 240 Pounds; 2070 Pounds; 350 Pounds; 500 Pounds; 160 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 250 Pounds; 160 Pounds; 160 Pounds; 280 Pounds; 1250 Pounds; 40 Pounds; 400 Pounds; 800 Pounds; 5000 Pounds; 400 Pounds; 600 Pounds; 2600 Pounds; 300 Pounds; 1450 Pounds; 1200 Pounds; 350 Pounds; 320 Pounds; 1500 Pounds; 200 Pounds; 100 Pounds; 250 Pounds; 160 Pounds; 200 Pounds; 5040 Pounds; 200 Pounds
1995: 560 Pounds; 840 Pounds; 300 Pounds; 50 Pounds; 200 Pounds; 250 Pounds; 40 Pounds; 120 Pounds; 200 Pounds; 800 Pounds; 150 Pounds; 200 Pounds; 80 Pounds; 80 Pounds; 250 Pounds; 240 Pounds; 400 Pounds; 2790 Pounds; 200 Pounds; 2360 Pounds; 2000 Pounds; 3850 Pounds; 440 Pounds; 2820 Pounds; 1640 Pounds; 160 Pounds; 1440 Pounds; 2880 Pounds; 3330 Pounds; 200 Pounds; 80 Pounds; 100 Pounds; 160 Pounds; 2360 Pounds; 1370 Pounds; 1840 Pounds; 1080 Pounds; 160 Pounds; 720 Pounds; 4050 Pounds; 40 Pounds; 3250 Pounds; 100 Pounds; 80 Pounds; 80 Pounds; 200 Pounds; 100 Pounds; 40 Pounds; 160 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 160 Pounds; 2800 Pounds; 800 Pounds; 990 Pounds; 3480 Pounds; 200 Pounds; 200 Pounds; 120 Pounds; 320 Pounds; 200 Pounds; 400 Pounds; 2240 Pounds; 750 Pounds; 440 Pounds; 2880 Pounds; 3840 Pounds; 800 Pounds; 550 Pounds; 200 Pounds; 200 Pounds; 240 Pounds; 160 Pounds; 250 Pounds; 250 Pounds; 320 Pounds; 40 Pounds; 80 Pounds; 18550 Pounds; 40 Pounds; 1720 Pounds; 100 Pounds; 440 Pounds; 30 Pounds; 120 Pounds
1996: 150 Pounds; 80 Pounds; 250 Pounds; 120 Pounds; 150 Pounds; 150 Pounds; 160 Pounds; 200 Pounds; 40 Pounds; 400 Pounds; 120 Pounds; 3650 Pounds; 1720 Pounds; 40 Pounds; 150 Pounds; 400 Pounds; 80 Pounds; 250 Pounds; 120 Pounds; 100 Pounds; 120 Pounds; 5 Pounds; 40 Pounds; 270 Pounds; 210 Pounds; 30 Pounds; 30 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 120 Pounds; 1100 Pounds; 1200 Pounds; 400 Pounds; 200 Pounds; 500 Pounds; 120 Pounds; 300 Pounds; 40 Pounds; 120 Pounds; 200 Pounds; 120 Pounds; 2640 Pounds; 160 Pounds; 4000 Pounds; 1300 Pounds; 120 Pounds; 2650 Pounds; 950 Pounds; 500 Pounds; 80 Pounds; 1520 Pounds; 1080 Pounds; 700 Pounds; 50 Pounds; 3240 Pounds; 550 Pounds; 50 Pounds; 40 Pounds; 150 Pounds; 40 Pounds; 40 Pounds; 1080 Pounds; 20 Pounds; 200 Pounds; 120 Pounds; 120 Pounds; 200 Pounds; 80 Pounds; 80 Pounds; 200 Pounds; 100 Pounds; 250 Pounds; 200 Pounds; 80 Pounds; 3000 Pounds; 40 Pounds
1997: 300 Pounds; 3445 Pounds; 750 Pounds; 640 Pounds; 100 Pounds; 40 Pounds; 150 Pounds; 300 Pounds; 100 Pounds; 80 Pounds; 20 Pounds; 400 Pounds; 80 Pounds; 400 Pounds; 200 Pounds; 50 Pounds; 50 Pounds; 250 Pounds; 250 Pounds; 120 Pounds; 50 Pounds; 150 Pounds; 200 Pounds; 100 Pounds; 200 Pounds; 80 Pounds; 45 Pounds; 200 Pounds; 100 Pounds; 600 Pounds; 200 Pounds; 100 Pounds; 150 Pounds; 1200 Pounds; 1700 Pounds; 4150 Pounds; 2200 Pounds; 4600 Pounds; 40 Pounds; 400 Pounds; 150 Pounds; 200 Pounds; 100 Pounds; 600 Pounds; 1400 Pounds; 1590 Pounds; 1570 Pounds; 1720 Pounds; 800 Pounds; 400 Pounds; 1200 Pounds; 4250 Pounds; 2000 Pounds; 1880 Pounds; 640 Pounds;

1600 Pounds; 1600 Pounds; 40 Pounds; 690 Pounds; 880 Pounds; 1400 Pounds; 120 Pounds; 1320 Pounds; 120 Pounds; 100 Pounds; 40 Pounds; 30 Gallons; 40 Pounds; 40 Pounds; 165 Pounds; 100 Pounds; 10 Pounds; 1280 Pounds; 200 Pounds; 120 Pounds; 350 Pounds; 1700 Pounds; 100 Pounds; 1200 Pounds; 100 Pounds; 100 Pounds; 500 Pounds; 20 Pounds; 100 Pounds; 1520 Pounds; 1280 Pounds; 50 Pounds; 1650 Pounds; 100 Pounds; 100 Pounds; 1880 Pounds; 2080 Pounds; 5 Pounds; 200 Pounds; 260 Pounds
1998: 50 Pounds; 200 Pounds; 1200 Pounds; 50 Pounds; 15 Pounds; 240 Pounds; 26 Pounds; 1200 Pounds; 2900 Pounds; 350 Pounds; 400 Pounds; 350 Pounds; 200 Pounds; 15 Pounds; 150 Pounds; 200 Pounds; 15 Pounds; 150 Pounds; 600 Pounds; 40 Pounds; 550 Pounds; 200 Pounds; 10 Pounds; 4450 Pounds; 1600 Pounds; 70 Pounds; 920 Pounds; 1730 Pounds; 1280 Pounds; 240 Pounds; 6800 Pounds; 1990 Pounds; 1 Pounds; 10 Pounds; 500 Pounds; 100 Pounds; 350 Pounds; 300 Pounds; 275 Pounds; 1650 Pounds; 300 Pounds; 1360 Pounds; 600 Pounds; 1650 Pounds; 1200 Pounds; 5000 Pounds; 2400 Pounds; 2800 Pounds; 950 Pounds; 960 Pounds; 1200 Pounds; 2 Gallons; 4400 Pounds; 3600 Pounds; 100 Pounds; 1920 Pounds; 1670 Pounds; 2100 Pounds; 1200 Pounds; 50 Pounds; 50 Pounds; 8 Pounds; 6400 Pounds; 55 Gallons; 300 Pounds; 200 Pounds; 1640 Pounds; 10 Pounds; 50 Pounds; 500 Pounds; 400 Pounds; 400 Pounds; 280 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 80 Pounds; 950 Pounds; 200 Pounds; 40 Pounds; 200 Pounds; 5 Pounds; 200 Pounds; 400 Pounds; 100 Pounds; 350 Pounds; 100 Pounds; 350 Pounds; 1400 Pounds; 200 Pounds; 150 Pounds; 3200 Pounds; 200 Pounds; 250 Pounds; 300 Pounds; 200 Pounds; 100 Pounds; 200 Gallons; 250 Pounds; 30 Pounds; 40 Pounds; 300 Pounds; 700 Pounds; 36 Pounds; 171 Pounds; 9250 Pounds; 14245 Pounds; 150 Pounds; 2260 Pounds; 10000 Pounds; 150 Pounds; 100 Pounds; 1880 Pounds; 1520 Pounds; 1500 Pounds; 1340 Pounds; 400 Pounds; 150 Pounds; 200 Pounds; 20 Pounds; 566 Pounds; 150 Pounds; 300 Pounds
1999: 30 Pounds; 400 Pounds; 400 Pounds; 600 Pounds; 20 Pounds; 800 Pounds; 150 Pounds; 10 Pounds; 300 Pounds; 150 Pounds; 50 Pounds; 250 Pounds; 1200 Pounds; 100 Pounds; 200 Pounds; 50 Pounds; 400 Pounds; 50 Pounds; 1200 Pounds; 100 Pounds; 50 Pounds; 190 Pounds; 1000 Pounds; 30 Pounds; 1 Pounds; 13800 Pounds; 240 Pounds; 1840 Pounds; 2000 Pounds; 40 Pounds; 840 Pounds; 300 Pounds; 350 Pounds; 800 Pounds; 1600 Pounds; 1780 Pounds; 100 Pounds; 400 Pounds; 2000 Pounds; 80 Pounds; 1720 Pounds; 40000 Pounds; 40000 Pounds; 1680 Pounds; 1880 Pounds; 1320 Pounds; 1200 Pounds; 1360 Pounds; 800 Pounds; 150 Pounds; 1360 Pounds; 50 Pounds; 160 Pounds; 250 Pounds; 250 Pounds; 400 Pounds; 100 Pounds; 240 Pounds; 200 Pounds; 200 Pounds; 250 Pounds; 200 Pounds; 40 Pounds; 2400 Pounds; 300 Pounds; 400 Pounds; 1360 Pounds; 50 Pounds; 1390 Pounds; 100 Pounds; 1600 Pounds; 20000 Pounds; 200 Pounds; 200 Pounds; 300 Pounds; 1840 Pounds; 350 Pounds; 60 Pounds; 100 Pounds; 250 Pounds; 150 Pounds; 80 Pounds; 2040 Pounds; 50 Pounds; 120 Pounds; 2200 Pounds; 200 Pounds; 30 Pounds
2000: 960 Pounds; 1360 Pounds; 40 Pounds; 320 Pounds; 100 Pounds; 60 Pounds; 200 Pounds; 80 Pounds; 1520 Pounds; 180 Pounds; 400 Pounds; 20 Pounds; 80 Pounds; 1760 Pounds; 10 Pounds; 400 Pounds; 1 Pounds; 30 Pounds; 200 Pounds; 3200 Pounds; 40 Pounds; 10 Pounds; 400 Pounds; 40 Pounds; 100 Pounds; 25 Pounds; 6000 Pounds; 100 Pounds; 2000 Pounds; 400 Pounds; 20 Pounds; 960 Pounds; 100 Pounds; 960 Pounds; 30 Pounds; 1280 Pounds; 1600 Pounds; 2240 Pounds; 2400 Pounds; 40 Pounds; 1280 Pounds; 400 Pounds; 1600 Pounds; 75 Pounds; 800 Pounds; 1680 Pounds; 1360 Pounds; 1880 Pounds; 400 Pounds; 400 Pounds; 40 Pounds; 30 Pounds; 50 Pounds; 150 Pounds; 40 Pounds; 30 Pounds; 20 Pounds; 800 Pounds; 500 Pounds; 100 Pounds
2001: 800 Pounds; 1520 Pounds; 150 Pounds; 1040 Pounds; 1360 Pounds; 2400 Pounds; 400 Pounds; 30 Pounds; 1200 Pounds; 560 Pounds; 1200 Pounds; 6000 Pounds; 100 Pounds; 1120 Pounds; 2400 Pounds; 1280 Pounds; 600 Pounds; 1040 Pounds; 1200 Pounds; 1 Pounds; 20 Pounds; 2000 Pounds; 40 Pounds; 68 Pounds; 172 Pounds; 400 Pounds; 1000 Pounds; 300 Gallons; 110 Gallons; 40 Pounds; 1520 Pounds; 400 Pounds; 4000 Pounds; 300 Pounds; 800 Pounds; 400 Pounds; 1520 Pounds; 1280 Pounds; 1280 Pounds; 100 Pounds; 10400 Pounds; 400 Pounds; 400 Pounds; 2006 Pounds; 2000 Pounds; 2600 Pounds; 1000 Pounds; 3343 Pounds; 800 Pounds; 1 Pounds; 400 Pounds; 400 Pounds; 120 Pounds; 50 Pounds; 1000 Pounds; 10 Pounds; 10 Pounds; 40 Pounds; 800 Pounds; 800 Pounds; 350 Pounds; 55 Gallons; 50 Pounds; 120 Pounds; 40 Pounds; 2675 Pounds; 1200 Pounds; 720 Pounds; 400 Pounds; 25 Pounds; 50 Pounds; 50 Pounds; 110 Gallons; 1280 Pounds; 1280 Pounds; 3200 Pounds; 960 Pounds; 220 Gallons; 1200 Pounds; 70 Pounds
2002: 315 Pounds; 40 Pounds; 960 Pounds; 800 Pounds; 800 Pounds; 5 Pounds; 180 Pounds; 1040 Pounds; 30 Pounds; 5 Pounds; 2800 Pounds; 480 Pounds; 1520 Pounds; 1360 Pounds; 1120 Pounds; 1680 Pounds; 1680 Pounds; 50 Pounds; 1040 Pounds; 560 Pounds; 40 Pounds; 30 Gallons; 960 Pounds; 300 Pounds; 30 Pounds; 140 Pounds; 10 Pounds; 20 Pounds; 1000 Pounds; 20 Pounds; 20 Pounds; 100 Pounds; 250 Pounds; 250 Pounds; 100 Pounds; 10 Pounds; 100 Pounds; 1240 Pounds; 100 Pounds; 70 Pounds; 100 Pounds; 180 Pounds; 1040 Pounds; 55 Gallons
2003: 30 Pounds; 1360 Pounds; 90 Pounds; 240 Pounds; 140 Pounds; 2080 Pounds; 10 Pounds; 450 Pounds; 2800 Pounds; 80 Pounds; 2680 Pounds; 100 Pounds; 100 Pounds; 40 Pounds; 100 Pounds; 2 Pounds; 2440 Pounds; 2720 Pounds; 5600 Pounds; 3280 Pounds; 30 Pounds; 40 Pounds; 120 Pounds; 80 Pounds; 150 Pounds; 400 Pounds; 200 Pounds; 50 Pounds; 90 Pounds; 20 Pounds; 2320 Pounds; 50 Pounds; 20 Pounds; 50 Pounds
2004: 50 Pounds; 480 Pounds; 200 Pounds; 1 Pounds; 50 Pounds; 1 Gallons; 330 Gallons; 170 Pounds; 180 Pounds; 600 Pounds; 20 Pounds; 40 Pounds; 25 Pounds; 64 Pounds; 50 Pounds; 80 Pounds; 3000 Pounds; 320 Pounds; 150 Pounds; 35 Pounds; 25 Pounds; 320 Pounds; 10 Pounds; 20 Pounds; 40 Pounds; 1760 Pounds; 80 Pounds; 720 Pounds; 280 Pounds; 55 Gallons; 1200 Pounds; 1500 Pounds; 1400 Pounds; 55 Gallons; 300 Pounds; 1600 Pounds; 10 Pounds; 1000 Pounds; 440 Pounds; 1000 Pounds; 60 Pounds; 1040 Pounds; 1560 Pounds; 55 Pounds; 1320 Pounds; 1280 Pounds; 1840 Pounds; 1080 Pounds; 50 Pounds; 120 Pounds; 50 Pounds
2005: 1800 Pounds; 1120 Pounds; 100 Pounds; 15 Pounds; 150 Pounds; 150 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 120 Pounds; 50 Pounds; 30 Pounds; 1200 Pounds; 1280 Pounds; 1800 Pounds; 1750 Pounds; 1640 Pounds; 680 Pounds; 800 Pounds; 40 Pounds

Manifest Information

Waste Code(s):

F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

Waste Received By Year:

1984: 248 Pounds
1985: 13 Pounds; 325 Pounds; 159 Pounds
1986: 289 Pounds; 204 Pounds
1987: 5600 Pounds; 55 Gallons; 231 Pounds; 20000 Pounds; 8500 Pounds; 8500 Pounds; 180 Pounds; 110 Gallons; 12000 Pounds; 715 Gallons; 1000

Pounds; 440 Pounds; 210 Pounds; 1600 Pounds; 1325 Gallons; 200 Pounds; 165 Gallons; 55 Gallons; 600 Pounds; 935 Gallons; 2800 Pounds; 55 Gallons; 200 Pounds; 1375 Gallons; 65 Gallons; 200 Pounds; 110 Gallons; 7800 Pounds; 4750 Pounds; 1870 Gallons; 220 Gallons
1988: 1600 Pounds; 400 Pounds; 40 Pounds; 3200 Pounds; 240 Pounds; 1200 Pounds; 3600 Pounds; 1160 Pounds; 240 Pounds; 800 Pounds; 960 Pounds; 400 Pounds; 70 Pounds; 244 Pounds; 800 Pounds; 3200 Pounds; 400 Pounds; 960 Pounds; 800 Pounds; 1650 Pounds; 2680 Pounds; 5 Pounds; 250 Pounds; 1200 Pounds; 600 Pounds; 7000 Pounds; 16200 Pounds; 800 Pounds; 400 Pounds; 40 Pounds; 1920 Pounds; 1600 Pounds; 7600 Pounds; 250 Pounds; 800 Pounds; 55 Gallons; 400 Pounds; 300 Pounds; 60 Pounds; 800 Pounds; 840 Pounds; 1200 Pounds; 2000 Pounds; 160 Pounds; 3380 Pounds; 640 Pounds; 160 Pounds; 600 Pounds; 340 Pounds; 120 Pounds; 400 Pounds; 280 Pounds; 1280 Pounds; 150 Pounds; 120 Pounds; 600 Pounds; 480 Pounds; 500 Pounds; 400 Pounds; 200 Pounds; 600 Pounds; 1200 Pounds; 400 Pounds; 50 Gallons; 800 Pounds; 220 Gallons; 200 Pounds; 50 Gallons; 2000 Pounds; 50 Gallons; 150 Pounds; 300 Pounds; 400 Pounds; 6200 Pounds; 280 Pounds; 1680 Pounds; 600 Pounds; 2560 Pounds; 440 Pounds; 60 Pounds; 1600 Pounds; 2840 Pounds; 1200 Pounds; 800 Pounds; 2640 Pounds; 300 Pounds; 8800 Pounds; 1520 Pounds; 990 Gallons; 320 Pounds; 800 Pounds; 2800 Pounds; 200 Pounds; 1200 Pounds; 400 Pounds; 300 Pounds; 2400 Pounds; 200 Pounds; 240 Pounds; 3600 Pounds; 800 Pounds; 4800 Pounds; 800 Pounds; 980 Pounds; 400 Pounds; 1000 Pounds; 40 Pounds; 380 Gallons; 400 Pounds; 2360 Pounds; 200 Pounds; 400 Pounds; 120 Pounds; 80 Pounds; 240 Pounds; 55 Gallons; 300 Pounds; 2000 Pounds; 400 Pounds; 1200 Pounds; 300 Pounds; 2480 Pounds
1989: 1600 Pounds; 1800 Pounds; 800 Pounds; 80 Pounds; 200 Pounds; 800 Pounds; 280 Pounds; 340 Pounds; 1920 Pounds; 400 Pounds; 1960 Pounds; 300 Pounds; 5600 Pounds; 20 Pounds; 250 Pounds; 1200 Pounds; 200 Pounds; 400 Pounds; 300 Pounds; 2760 Pounds; 600 Pounds; 200 Pounds; 720 Pounds; 600 Pounds; 4000 Pounds; 700 Pounds; 2400 Pounds; 400 Pounds; 1000 Pounds; 1600 Pounds; 12250 Pounds; 280 Pounds; 1000 Pounds; 400 Pounds; 600 Pounds; 3600 Pounds; 400 Pounds; 3000 Pounds; 120 Pounds; 300 Pounds; 250 Pounds; 9800 Pounds; 300 Pounds; 320 Pounds; 640 Pounds; 1500 Pounds; 40 Pounds; 1400 Pounds; 70 Pounds; 200 Pounds; 100 Pounds; 150 Pounds; 250 Pounds; 600 Pounds; 20 Pounds; 1200 Pounds; 760 Pounds; 2000 Pounds; 1600 Pounds; 400 Pounds; 400 Pounds; 2400 Pounds; 500 Pounds; 2200 Pounds; 1200 Pounds; 250 Pounds; 1000 Pounds; 2400 Pounds; 300 Pounds; 200 Pounds; 1800 Pounds; 500 Pounds; 3000 Pounds; 50 Pounds; 240 Pounds; 2520 Pounds; 4400 Pounds; 9600 Pounds; 500 Pounds; 1200 Pounds; 1200 Pounds; 1900 Pounds; 2560 Pounds; 200 Pounds; 450 Pounds; 50 Pounds; 500 Pounds; 40 Pounds; 560 Pounds; 600 Pounds; 300 Pounds; 30 Pounds; 200 Pounds; 20 Pounds; 60 Pounds; 2400 Pounds; 250 Pounds; 100 Pounds; 400 Pounds; 250 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 300 Pounds; 75 Pounds; 1500 Pounds; 3300 Pounds; 5200 Pounds; 600 Pounds; 150 Pounds; 2800 Pounds; 4000 Pounds; 250 Pounds; 9500 Pounds; 1600 Pounds; 8000 Pounds; 2000 Pounds; 3320 Pounds; 800 Pounds; 300 Pounds; 2480 Pounds; 400 Pounds; 1200 Pounds; 350 Pounds; 1280 Pounds; 1200 Pounds; 80 Pounds; 200 Pounds; 300 Pounds; 200 Pounds; 2400 Pounds; 400 Pounds; 2000 Pounds; 315 Pounds; 50 Pounds; 400 Pounds; 100 Pounds; 600 Pounds; 6 Pounds; 1000 Pounds; 250 Pounds; 193 Pounds; 400 Pounds; 720 Pounds; 800 Pounds; 2500 Pounds; 1400 Pounds; 450 Pounds; 1200 Pounds; 370 Pounds; 16500 Pounds; 800 Pounds; 60 Pounds; 480 Pounds; 480 Pounds; 1200 Pounds; 280 Pounds; 1200 Pounds; 400 Pounds; 400 Pounds; 1400 Pounds; 120 Pounds; 5100 Pounds; 1100 Pounds; 2000 Pounds; 2800 Pounds; 4800 Pounds; 200 Pounds; 4400 Pounds; 200 Pounds; 800 Pounds; 720 Pounds; 250 Pounds; 350 Pounds; 150 Pounds; 550 Pounds; 2100 Pounds; 520 Pounds; 2900 Pounds; 760 Pounds; 120 Pounds; 400 Pounds; 60 Pounds; 200 Pounds; 750 Pounds; 10200 Pounds; 200 Pounds; 3400 Pounds; 300 Pounds; 30000 Pounds; 800 Pounds; 30 Pounds; 400 Pounds; 1720 Pounds; 1550 Pounds; 100 Pounds; 800 Pounds; 5600 Pounds; 30 Pounds; 3200 Pounds; 40 Pounds; 100 Pounds; 1600 Pounds; 350 Pounds; 2250 Pounds; 800 Pounds; 600 Pounds; 3200 Pounds; 600 Pounds; 40 Pounds; 2400 Pounds; 5 Gallons; 600 Pounds; 3500 Pounds; 260 Pounds; 75 Pounds; 300 Pounds; 200 Pounds; 40 Pounds; 100 Pounds; 700 Pounds; 1000 Pounds; 250 Pounds; 200 Pounds; 100 Pounds; 600 Pounds; 1000 Pounds; 400 Pounds; 100 Pounds; 320 Pounds; 400 Pounds; 2280 Pounds; 1200 Pounds; 7200 Pounds; 1400 Pounds; 400 Pounds; 40 Pounds; 120 Pounds; 210 Pounds; 4200 Pounds; 600 Pounds; 800 Pounds; 300 Pounds; 7200 Pounds; 400 Pounds; 680 Pounds; 200 Pounds; 40 Pounds; 320 Pounds; 300 Pounds; 2121 Pounds; 4400 Pounds; 40 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 1600 Pounds; 700 Pounds; 150 Pounds; 200 Pounds; 2900 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 250 Pounds; 520 Pounds; 2800 Pounds; 50 Pounds; 200 Pounds; 1200 Pounds; 590 Pounds; 500 Pounds; 800 Pounds; 640 Pounds; 250 Pounds; 1920 Pounds; 240 Pounds; 320 Pounds; 50 Pounds; 3600 Pounds; 400 Pounds; 200 Pounds; 1680 Pounds; 2040 Pounds; 20 Pounds; 1100 Pounds; 2400 Pounds; 1680 Pounds; 2720 Pounds; 400 Pounds; 400 Pounds; 1200 Pounds; 1840 Pounds; 80 Pounds; 1840 Pounds; 400 Pounds; 400 Pounds; 150 Pounds; 2040 Pounds; 240 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 1200 Pounds; 400 Pounds; 900 Pounds; 1600 Pounds; 720 Pounds; 1720 Pounds; 1200 Pounds; 2160 Pounds; 3000 Pounds; 500 Pounds; 300 Pounds; 200 Pounds; 600 Pounds; 2560 Pounds; 1600 Pounds; 400 Pounds; 60 Pounds; 80 Pounds; 112 Pounds; 560 Pounds; 2560 Pounds; 400 Pounds; 2720 Pounds; 800 Pounds; 80 Pounds; 640 Pounds; 590 Pounds; 800 Pounds; 1200 Pounds; 150 Pounds; 2440 Pounds; 2000 Pounds; 800 Pounds; 800 Pounds; 100 Pounds; 250 Pounds; 5200 Pounds; 200 Pounds; 400 Pounds; 2350 Pounds; 400 Pounds; 1800 Pounds; 1200 Pounds; 250 Pounds; 2280 Pounds; 100 Pounds; 500 Pounds; 500 Pounds; 40 Pounds; 3080 Pounds; 400 Pounds; 80 Pounds
1990: 1000 Pounds; 1800 Pounds; 1800 Pounds; 290 Pounds; 800 Pounds; 1200 Pounds; 500 Pounds; 150 Pounds; 300 Pounds; 560 Pounds; 2840 Pounds; 2750 Pounds; 800 Pounds; 1000 Pounds; 3800 Pounds; 400 Pounds; 200 Pounds; 300 Pounds; 800 Pounds; 505 Pounds; 400 Pounds; 2760 Pounds; 550 Pounds; 1800 Pounds; 40 Pounds; 120 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 20 Pounds; 400 Pounds; 800 Pounds; 280 Pounds; 40 Pounds; 3500 Pounds; 300 Pounds; 2700 Pounds; 120 Pounds; 1200 Pounds; 1000 Pounds; 240 Pounds; 800 Pounds; 810 Pounds; 3000 Pounds; 400 Pounds; 120 Pounds; 1050 Pounds; 400 Pounds; 1050 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 1500 Pounds; 400 Pounds; 400 Pounds; 3600 Pounds; 500 Pounds; 1200 Pounds; 1500 Pounds; 400 Pounds; 150 Pounds; 400 Pounds; 800 Pounds; 800 Pounds; 1200 Pounds; 214 Pounds; 400 Pounds; 600 Pounds; 600 Pounds; 400 Pounds; 3000 Pounds; 3000 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 2800 Pounds; 10 Pounds; 300 Pounds; 50 Pounds; 3040 Pounds; 2100 Pounds; 2250 Pounds; 800 Pounds; 2560 Pounds; 2240 Pounds; 2640 Pounds; 2560 Pounds; 2460 Pounds; 1800 Pounds; 800 Pounds; 5300 Pounds; 2050 Pounds; 600 Pounds; 150 Pounds; 2000 Pounds; 110 Pounds; 210 Pounds; 520 Pounds; 40 Pounds; 240 Pounds; 800 Pounds; 20 Pounds; 3600 Pounds; 2920 Pounds; 1600 Pounds; 2440 Pounds; 300 Pounds; 2450 Pounds; 100 Pounds; 800 Pounds; 100 Pounds; 1800 Pounds; 50 Pounds; 800 Pounds; 400 Pounds; 250 Pounds; 150 Pounds; 400 Pounds; 800 Pounds; 4800 Pounds; 240 Pounds; 400 Pounds; 160 Pounds; 650 Pounds; 30 Pounds; 300 Pounds; 400 Pounds; 250 Pounds; 800 Pounds; 700 Pounds; 500 Pounds; 20 Pounds; 200 Pounds; 1600 Pounds; 500 Pounds; 600 Pounds; 200 Pounds; 2000 Pounds; 350 Pounds; 2800 Pounds; 750 Pounds; 300 Pounds; 2000 Pounds; 20 Pounds; 400 Pounds; 1000 Pounds; 1200 Pounds; 40 Pounds; 800 Pounds; 400 Pounds; 1000 Pounds; 800 Pounds; 1250 Pounds; 160 Pounds; 4500 Pounds; 250 Pounds; 950 Pounds; 150 Pounds; 1600 Pounds; 400 Pounds; 1855 Pounds; 200 Pounds; 760 Pounds; 520 Pounds; 1000 Pounds; 40 Pounds; 300 Pounds; 2000 Pounds; 500 Pounds; 500 Pounds; 400 Pounds; 20 Pounds; 2540 Pounds; 800 Pounds; 400 Pounds; 2800 Pounds; 40 Pounds; 680 Pounds; 400 Pounds; 600 Pounds; 2400 Pounds; 600 Pounds; 400 Pounds; 1000 Pounds; 800 Pounds; 1250 Pounds; 250 Pounds; 160 Pounds; 80 Pounds; 400 Pounds; 2000 Pounds; 200 Pounds; 250 Pounds; 150 Pounds; 10 Pounds; 500 Pounds; 320 Pounds; 4800 Pounds; 40 Pounds; 300 Pounds; 240 Pounds; 700 Pounds; 1200 Pounds; 500 Pounds; 750 Pounds; 250 Pounds; 400 Pounds; 1000 Pounds; 1000 Pounds; 500 Pounds; 80 Pounds; 150 Pounds; 1200 Pounds; 600 Pounds; 100 Pounds; 650 Pounds; 400 Pounds; 1600 Pounds; 4400 Pounds; 560 Pounds; 250 Pounds; 950 Pounds; 1000 Pounds; 1050 Pounds; 2400 Pounds; 4250 Pounds; 1000 Pounds; 150 Pounds; 3250 Pounds; 2000 Pounds; 750 Pounds; 2800 Pounds; 500 Pounds; 200 Pounds; 800 Pounds; 10 Pounds; 2 Pounds; 250 Pounds; 1500 Pounds; 700 Pounds; 1500 Pounds; 1500 Pounds; 1400 Pounds; 100 Pounds; 200 Pounds; 800 Pounds; 400 Pounds; 30 Pounds; 400 Pounds; 500 Pounds; 300 Pounds; 200 Pounds; 300 Pounds; 400 Pounds; 60 Pounds; 650 Pounds; 2300 Pounds; 400 Pounds; 1200 Pounds; 200 Pounds; 350 Pounds; 540 Pounds; 500 Pounds; 250 Pounds; 30

Pounds; 1000 Pounds; 40 Pounds; 2800 Pounds; 2800 Pounds; 3020 Pounds; 1000 Pounds; 200 Pounds; 500 Pounds; 400 Pounds; 2080 Pounds; 3080 Pounds; 2920 Pounds; 10 Pounds; 150 Pounds; 1600 Pounds; 40 Pounds; 300 Pounds; 350 Pounds; 3300 Pounds; 800 Pounds; 40 Pounds; 1200 Pounds; 250 Pounds; 2000 Pounds; 40 Pounds; 4000 Pounds; 800 Pounds; 110 Pounds; 320 Pounds; 3600 Pounds; 1600 Pounds; 400 Pounds; 150 Pounds; 400 Pounds; 440 Pounds; 500 Pounds; 360 Pounds; 200 Pounds; 400 Pounds; 240 Pounds; 1200 Pounds; 800 Pounds; 2400 Pounds; 250 Pounds; 440 Pounds; 5250 Pounds; 2250 Pounds; 2400 Pounds; 40 Pounds; 550 Pounds; 480 Pounds; 400 Pounds; 200 Pounds; 150 Pounds; 1600 Pounds; 3600 Pounds; 49 Pounds; 1400 Pounds; 400 Pounds; 1500 Pounds; 3000 Pounds; 600 Pounds; 400 Pounds; 1600 Pounds; 1250 Pounds; 1500 Pounds; 280 Pounds; 360 Pounds; 250 Pounds; 500 Pounds; 3520 Pounds; 500 Pounds; 300 Pounds; 800 Pounds; 206 Pounds; 450 Pounds

1991: 120 Pounds; 1500 Pounds; 800 Pounds; 50 Pounds; 1050 Pounds; 40 Pounds; 1200 Pounds; 250 Pounds; 1250 Pounds; 2360 Pounds; 80 Pounds; 400 Pounds; 400 Pounds; 600 Pounds; 50 Pounds; 200 Pounds; 240 Pounds; 1200 Pounds; 600 Pounds; 550 Pounds; 400 Pounds; 1100 Pounds; 550 Pounds; 200 Pounds; 2000 Pounds; 120 Pounds; 400 Pounds; 360 Pounds; 40 Pounds; 400 Pounds; 400 Pounds; 120 Pounds; 2080 Pounds; 160 Pounds; 1750 Pounds; 3250 Pounds; 1120 Pounds; 840 Pounds; 2760 Pounds; 520 Pounds; 274 Pounds; 300 Pounds; 160 Pounds; 240 Pounds; 350 Pounds; 1200 Pounds; 3440 Pounds; 750 Pounds; 3350 Pounds; 160 Pounds; 400 Pounds; 800 Pounds; 1000 Pounds; 800 Pounds; 400 Pounds; 250 Pounds; 25 Pounds; 800 Pounds; 600 Pounds; 3500 Pounds; 150 Pounds; 600 Pounds; 550 Pounds; 640 Pounds; 120 Pounds; 1540 Pounds; 1850 Pounds; 250 Pounds; 1000 Pounds; 40 Pounds; 80 Pounds; 400 Pounds; 290 Pounds; 1600 Pounds; 200 Pounds; 2680 Pounds; 200 Pounds; 1000 Pounds; 700 Pounds; 320 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 100 Pounds; 480 Pounds; 550 Pounds; 350 Pounds; 250 Pounds; 800 Pounds; 290 Pounds; 250 Pounds; 100 Pounds; 120 Pounds; 120 Pounds; 500 Pounds; 80 Pounds; 520 Pounds; 50 Pounds; 150 Pounds; 18400 Pounds; 240 Pounds; 50 Pounds; 400 Pounds; 320 Pounds; 10 Pounds; 100 Pounds; 360 Pounds; 200 Pounds; 280 Pounds; 400 Pounds; 80 Pounds; 3 Pounds; 400 Pounds; 1600 Pounds; 400 Pounds; 525 Pounds; 2250 Pounds; 400 Pounds; 200 Pounds; 1600 Pounds; 160 Pounds; 200 Pounds; 160 Pounds; 1200 Pounds; 800 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 3250 Pounds; 500 Pounds; 400 Pounds; 350 Pounds; 1300 Pounds; 1250 Pounds; 200 Pounds; 150 Pounds; 520 Pounds; 2400 Pounds; 160 Pounds; 990 Pounds; 750 Pounds; 360 Pounds; 3360 Pounds; 160 Pounds; 1320 Pounds; 1200 Pounds; 2702 Pounds; 3320 Pounds; 120 Pounds; 60 Pounds; 450 Pounds; 800 Pounds; 100 Pounds; 200 Pounds; 250 Pounds; 450 Pounds; 400 Pounds; 200 Pounds; 350 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 160 Pounds; 120 Pounds; 500 Pounds; 80 Pounds; 5 Pounds; 5000 Pounds; 80 Pounds; 80 Pounds; 80 Pounds; 1600 Pounds; 400 Pounds; 10 Pounds; 400 Pounds; 400 Pounds; 1600 Pounds; 250 Pounds; 150 Pounds; 2000 Pounds; 1200 Pounds; 2000 Pounds; 80 Pounds; 800 Pounds; 120 Pounds; 600 Pounds; 1200 Pounds; 60 Pounds; 280 Pounds; 250 Pounds; 480 Pounds; 150 Pounds; 200 Pounds; 1150 Pounds; 160 Pounds; 80 Pounds; 2000 Pounds; 350 Pounds; 150 Pounds; 2050 Pounds; 200 Pounds; 250 Pounds; 250 Pounds; 191 Pounds; 320 Pounds; 1200 Pounds; 1500 Pounds; 30 Pounds; 400 Pounds; 800 Pounds; 120 Pounds; 3160 Pounds; 80 Pounds; 400 Pounds; 400 Pounds; 240 Pounds; 800 Pounds; 2000 Pounds; 400 Pounds; 200 Pounds; 40 Pounds; 800 Pounds; 40 Pounds; 400 Pounds; 1200 Pounds; 250 Pounds; 450 Pounds; 400 Pounds; 40 Pounds; 2500 Pounds; 40 Pounds; 400 Pounds; 800 Pounds; 500 Pounds; 1200 Pounds; 300 Pounds; 400 Pounds; 1250 Pounds; 320 Pounds; 800 Pounds; 200 Pounds; 80 Pounds; 320 Pounds; 300 Pounds; 400 Pounds; 60 Pounds; 200 Pounds; 400 Pounds; 600 Pounds; 1400 Pounds; 2200 Pounds; 2000 Pounds; 2000 Pounds; 960 Pounds; 3200 Pounds; 2480 Pounds; 2120 Pounds; 1600 Pounds; 800 Pounds; 640 Pounds; 400 Pounds; 480 Pounds; 1250 Pounds; 100 Pounds; 700 Pounds; 700 Pounds; 360 Pounds; 160 Pounds; 720 Pounds; 500 Pounds; 360 Pounds; 200 Pounds; 1000 Pounds; 60 Pounds; 200 Pounds; 160 Pounds; 120 Pounds; 80 Pounds; 1800 Pounds; 2520 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 560 Pounds; 120 Pounds; 1880 Pounds; 2960 Pounds; 3600 Pounds; 2880 Pounds; 400 Pounds; 450 Pounds; 1750 Pounds; 800 Pounds; 300 Pounds; 375 Pounds; 200 Pounds; 1000 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 800 Pounds; 1250 Pounds; 1850 Pounds

1992: 40 Pounds; 200 Pounds; 1480 Pounds; 280 Pounds; 160 Pounds; 7 Pounds; 120 Pounds; 60 Pounds; 60 Pounds; 40 Pounds; 120 Pounds; 200 Pounds; 40 Pounds; 120 Pounds; 7 Pounds; 80 Pounds; 50 Pounds; 11 Pounds; 250 Pounds; 80 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 800 Pounds; 750 Pounds; 2200 Pounds; 90 Pounds; 250 Pounds; 800 Pounds; 400 Pounds; 440 Pounds; 900 Pounds; 680 Pounds; 1900 Pounds; 80 Pounds; 760 Pounds; 520 Pounds; 100 Pounds; 1600 Pounds; 400 Pounds; 1040 Pounds; 360 Pounds; 80 Pounds; 320 Pounds; 2850 Pounds; 320 Pounds; 160 Pounds; 520 Pounds; 680 Pounds; 60 Pounds; 1050 Pounds; 1600 Pounds; 50 Pounds; 240 Pounds; 1600 Pounds; 300 Pounds; 400 Pounds; 160 Pounds; 120 Pounds; 300 Pounds; 560 Pounds; 280 Pounds; 83 Pounds; 10 Pounds; 80 Pounds; 205 Pounds; 150 Pounds; 5 Pounds; 80 Pounds; 40 Pounds; 2160 Pounds; 360 Pounds; 40 Pounds; 2200 Pounds; 2706 Pounds; 720 Pounds; 850 Pounds; 1760 Pounds; 2040 Pounds; 400 Pounds; 40 Pounds; 120 Pounds; 60 Pounds; 400 Pounds; 250 Pounds; 450 Pounds; 150 Pounds; 60 Pounds; 125 Pounds; 30 Pounds; 21 Pounds; 1200 Pounds; 200 Pounds; 100 Pounds; 400 Pounds; 1200 Pounds; 1600 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 150 Pounds; 500 Pounds; 2000 Pounds; 60 Pounds; 1400 Pounds; 800 Pounds; 200 Pounds; 300 Pounds; 200 Pounds; 100 Pounds; 200 Pounds; 1200 Pounds; 120 Pounds; 840 Pounds; 560 Pounds; 50 Pounds; 50 Pounds; 160 Pounds; 320 Pounds; 200 Pounds; 800 Pounds; 1200 Pounds; 1480 Pounds; 1760 Pounds; 2200 Pounds; 750 Pounds; 120 Pounds; 2120 Pounds; 200 Pounds; 300 Pounds; 160 Pounds; 360 Pounds; 400 Pounds; 133 Pounds; 400 Pounds; 300 Pounds; 2880 Pounds; 200 Pounds; 320 Pounds; 800 Pounds; 350 Pounds; 75 Pounds; 1120 Pounds; 1020 Pounds; 1600 Pounds; 1150 Pounds; 350 Pounds; 1400 Pounds; 500 Pounds; 2320 Pounds; 49 Pounds; 20 Pounds; 150 Pounds; 400 Pounds; 60 Pounds; 2800 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 150 Pounds; 80 Pounds; 150 Pounds; 80 Pounds; 360 Pounds; 250 Pounds; 160 Pounds; 400 Pounds; 3000 Pounds; 150 Pounds; 640 Pounds; 450 Pounds; 480 Pounds; 400 Pounds; 750 Pounds; 1200 Pounds; 1000 Pounds; 1720 Pounds; 1620 Pounds; 120 Pounds; 450 Pounds; 600 Pounds; 680 Pounds; 2 Pounds; 2550 Pounds; 800 Pounds; 1000 Pounds; 600 Pounds; 1600 Pounds; 5400 Pounds; 400 Pounds; 550 Pounds; 500 Pounds; 300 Pounds; 300 Pounds; 1600 Pounds; 250 Pounds; 2000 Pounds; 1200 Pounds; 400 Pounds; 1200 Pounds; 300 Pounds; 120 Pounds; 1600 Pounds; 750 Pounds; 400 Pounds; 1600 Pounds; 400 Pounds; 120 Pounds; 1000 Pounds; 20 Pounds; 1200 Pounds; 100 Pounds; 455 Pounds; 350 Pounds; 360 Pounds; 40 Pounds; 100 Pounds; 1450 Pounds; 4350 Pounds; 1000 Pounds; 1500 Pounds; 800 Pounds; 400 Pounds; 160 Pounds; 10000 Pounds; 150 Pounds; 200 Pounds; 680 Pounds; 400 Pounds; 150 Pounds; 750 Pounds; 1300 Pounds; 1000 Pounds; 600 Pounds; 100 Pounds; 400 Pounds; 500 Pounds; 750 Pounds; 240 Pounds; 250 Pounds; 320 Pounds; 2320 Pounds; 1440 Pounds; 10200 Pounds; 400 Pounds; 500 Pounds; 300 Pounds; 4000 Pounds; 1200 Pounds; 2000 Pounds; 200 Pounds; 1300 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 440 Pounds; 2960 Pounds; 750 Pounds; 2000 Pounds; 1240 Pounds; 1120 Pounds; 64 Pounds; 400 Pounds; 480 Pounds; 250 Pounds; 400 Pounds; 2360 Pounds; 20 Pounds; 300 Pounds; 40 Pounds; 300 Pounds; 500 Pounds; 1300 Pounds; 800 Pounds; 640 Pounds; 80 Pounds; 51 Pounds; 400 Pounds; 80 Pounds; 18200 Pounds; 840 Pounds; 2760 Pounds; 1600 Pounds; 80 Pounds; 50 Pounds; 480 Pounds; 480 Pounds; 21 Pounds; 3200 Pounds; 920 Pounds; 800 Pounds; 1000 Pounds; 300 Pounds; 650 Pounds; 2000 Pounds; 700 Pounds; 400 Pounds; 160 Pounds; 500 Pounds; 100 Pounds; 240 Pounds; 120 Pounds; 100 Pounds; 1200 Pounds; 200 Pounds; 240 Pounds; 300 Pounds; 300 Pounds; 540 Pounds; 2000 Pounds; 640 Pounds; 2000 Pounds; 30 Pounds; 800 Pounds; 200 Pounds; 1200 Pounds; 275 Pounds; 120 Pounds; 850 Pounds; 2280 Pounds; 750 Pounds; 1200 Pounds; 40 Pounds; 550 Pounds; 100 Pounds; 1800 Pounds; 400 Pounds; 300 Pounds; 250 Pounds; 250 Pounds; 440 Pounds; 1200 Pounds; 1600 Pounds; 800 Pounds; 1640 Pounds; 300 Pounds

1993: 360 Pounds; 800 Pounds; 200 Pounds; 40 Pounds; 200 Pounds; 150 Pounds; 400 Pounds; 1600 Pounds; 480 Pounds; 380 Pounds; 400 Pounds; 40 Pounds; 200 Pounds; 110 Pounds; 120 Pounds; 128 Pounds; 250 Pounds; 400 Pounds; 100 Pounds; 800 Pounds; 100 Pounds; 400 Pounds; 600 Pounds; 200 Pounds; 160 Pounds; 520 Pounds; 400 Pounds; 250 Pounds; 450 Pounds; 15 Pounds; 1760 Pounds; 2240 Pounds; 400 Pounds; 1600 Pounds; 400 Pounds; 1560 Pounds; 120 Pounds; 300 Pounds; 560 Pounds; 200 Pounds; 400 Pounds; 360 Pounds; 400 Pounds; 100 Pounds; 400

Pounds; 80 Pounds; 150 Pounds; 60 Pounds; 10 Pounds; 120 Pounds; 100 Pounds; 11 Pounds; 120 Pounds; 80 Pounds; 80 Pounds; 1600 Pounds; 1640 Pounds; 300 Pounds; 680 Pounds; 400 Pounds; 300 Pounds; 40 Pounds; 400 Pounds; 800 Pounds; 160 Pounds; 2800 Pounds; 1200 Pounds; 100 Pounds; 30 Pounds; 80 Pounds; 320 Pounds; 440 Pounds; 20 Pounds; 280 Pounds; 60 Pounds; 50 Pounds; 2880 Pounds; 1440 Pounds; 120 Pounds; 600 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 300 Pounds; 120 Pounds; 760 Pounds; 400 Pounds; 1200 Pounds; 20 Pounds; 120 Pounds; 40 Pounds; 300 Pounds; 80 Pounds; 80 Pounds; 400 Pounds; 150 Pounds; 2 Pounds; 400 Pounds; 40 Pounds; 750 Pounds; 400 Pounds; 80 Pounds; 30 Pounds; 3600 Pounds; 80 Pounds; 2320 Pounds; 1400 Pounds; 700 Pounds; 400 Pounds; 2200 Pounds; 2000 Pounds; 1275 Pounds; 400 Pounds; 100 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 163 Pounds; 40 Pounds; 400 Pounds; 120 Pounds; 800 Pounds; 2480 Pounds; 1480 Pounds; 60 Pounds; 2320 Pounds; 2400 Pounds; 1200 Pounds; 600 Pounds; 2360 Pounds; 80 Pounds; 500 Pounds; 200 Pounds; 100 Pounds; 100 Pounds; 200 Pounds; 200 Pounds; 1040 Pounds; 800 Pounds; 2040 Pounds; 200 Pounds; 240 Pounds; 150 Pounds; 280 Pounds; 150 Pounds; 100 Pounds; 300 Pounds; 200 Pounds; 556 Pounds; 700 Pounds; 2000 Pounds; 120 Pounds; 200 Pounds; 800 Pounds; 600 Pounds; 1520 Pounds; 80 Pounds; 1680 Pounds; 400 Pounds; 400 Pounds; 640 Pounds; 2200 Pounds; 120 Pounds; 500 Pounds; 500 Pounds; 300 Pounds; 1600 Pounds; 250 Pounds; 160 Pounds; 50 Pounds; 250 Pounds; 900 Pounds; 120 Pounds; 250 Pounds; 300 Pounds; 480 Pounds; 800 Pounds; 640 Pounds; 320 Pounds; 240 Pounds; 160 Pounds; 240 Pounds; 720 Pounds; 240 Pounds; 200 Pounds

1994: 300 Pounds; 40 Pounds; 280 Pounds; 150 Pounds; 400 Pounds; 160 Pounds; 120 Pounds; 600 Pounds; 80 Pounds; 300 Pounds; 300 Pounds; 120 Pounds; 40 Pounds; 160 Pounds; 120 Pounds; 300 Pounds; 50 Pounds; 550 Pounds; 160 Pounds; 80 Pounds; 150 Pounds; 15 Pounds; 120 Pounds; 400 Pounds; 150 Pounds; 100 Pounds; 160 Pounds; 750 Pounds; 100 Pounds; 1120 Pounds; 3450 Pounds; 80 Pounds; 950 Pounds; 120 Pounds; 520 Pounds; 400 Pounds; 800 Pounds; 150 Pounds; 150 Pounds; 60 Pounds; 500 Pounds; 80 Pounds; 300 Pounds; 150 Pounds; 80 Pounds; 200 Pounds; 200 Pounds; 2500 Pounds; 200 Pounds; 350 Pounds; 100 Pounds; 500 Pounds; 800 Pounds; 150 Pounds; 1200 Pounds; 160 Pounds; 1200 Pounds; 150 Pounds; 160 Pounds; 40 Pounds; 100 Pounds; 50 Pounds; 100 Pounds; 450 Pounds; 125 Pounds; 2840 Pounds; 400 Pounds; 2400 Pounds; 750 Pounds; 400 Pounds; 1150 Pounds; 800 Pounds; 80 Pounds; 150 Pounds; 760 Pounds; 150 Pounds; 2200 Pounds; 100 Pounds; 150 Pounds; 100 Pounds; 300 Pounds; 300 Pounds; 2000 Pounds; 150 Pounds; 1600 Pounds; 2000 Pounds; 80 Pounds; 80 Pounds; 80 Pounds; 250 Pounds; 200 Pounds; 80 Pounds; 150 Pounds; 200 Pounds; 400 Pounds; 320 Pounds; 800 Pounds; 100 Pounds; 600 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 75 Pounds; 80 Pounds; 900 Pounds

1995: 3040 Pounds; 160 Pounds; 600 Pounds; 200 Pounds; 660 Pounds; 200 Pounds; 240 Pounds; 40 Pounds; 300 Pounds; 400 Pounds; 3640 Pounds; 120 Pounds; 120 Pounds; 400 Pounds; 400 Pounds; 80 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 2240 Pounds; 80 Pounds; 860 Pounds; 3240 Pounds; 4640 Pounds; 360 Pounds; 180 Pounds; 30 Pounds; 150 Pounds; 2640 Pounds; 150 Pounds; 400 Pounds; 150 Pounds; 3830 Pounds; 3440 Pounds; 2930 Pounds; 840 Pounds; 280 Pounds; 2500 Pounds; 240 Pounds; 450 Pounds; 200 Pounds; 120 Pounds; 40 Pounds; 240 Pounds; 520 Pounds; 120 Pounds; 160 Pounds; 250 Pounds; 150 Pounds; 240 Pounds; 80 Pounds; 80 Pounds; 50 Pounds; 40 Pounds; 120 Pounds; 300 Pounds; 120 Pounds; 300 Pounds; 240 Pounds; 100 Pounds; 400 Pounds; 300 Pounds; 20 Pounds; 120 Pounds; 40 Pounds; 160 Pounds; 200 Pounds; 750 Pounds; 120 Pounds; 80 Pounds; 40 Pounds; 120 Pounds; 400 Pounds; 160 Pounds; 280 Pounds; 30 Pounds; 240 Pounds; 240 Pounds; 150 Pounds; 120 Pounds; 120 Pounds; 160 Pounds; 250 Pounds; 400 Pounds; 950 Pounds; 300 Pounds; 320 Pounds; 260 Pounds; 200 Pounds; 40 Pounds; 1 Pounds; 800 Pounds; 240 Pounds; 2040 Pounds; 200 Pounds; 2640 Pounds; 120 Pounds; 400 Pounds; 720 Pounds; 200 Pounds; 2160 Pounds; 240 Pounds; 320 Pounds; 500 Pounds; 1500 Pounds; 130 Pounds; 1200 Pounds; 400 Pounds; 320 Pounds; 160 Pounds; 800 Pounds; 400 Pounds; 1480 Pounds; 160 Pounds; 450 Pounds; 120 Pounds; 200 Pounds; 150 Pounds; 250 Pounds; 440 Pounds; 30 Pounds; 400 Pounds; 75 Pounds; 40 Pounds; 160 Pounds; 80 Pounds; 160 Pounds; 600 Pounds; 80 Pounds; 200 Pounds; 120 Pounds; 750 Pounds; 400 Pounds; 2080 Pounds; 350 Pounds; 50 Pounds; 2040 Pounds; 240 Pounds; 240 Pounds; 200 Pounds; 700 Pounds; 2880 Pounds; 580 Pounds; 400 Pounds; 3300 Pounds; 1050 Pounds; 950 Pounds; 150 Pounds; 40 Pounds; 250 Pounds; 760 Pounds; 3250 Pounds; 80 Pounds

1996: 30 Pounds; 240 Pounds; 350 Pounds; 200 Pounds; 80 Pounds; 150 Pounds; 1800 Pounds; 290 Pounds; 400 Pounds; 450 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 280 Pounds; 128 Pounds; 50 Pounds; 1280 Pounds; 290 Pounds; 400 Pounds; 400 Pounds; 1600 Pounds; 1200 Pounds; 2000 Pounds; 200 Pounds; 200 Pounds; 240 Pounds; 240 Pounds; 1280 Pounds; 1400 Pounds; 1400 Pounds; 470 Pounds; 200 Pounds; 320 Pounds; 10 Pounds; 50 Pounds; 200 Pounds; 50 Pounds; 200 Pounds; 320 Pounds; 2440 Pounds; 40 Pounds; 200 Pounds; 320 Pounds; 100 Pounds; 3680 Pounds; 160 Pounds; 800 Pounds; 4240 Pounds; 150 Pounds; 200 Pounds; 200 Pounds; 6000 Pounds; 160 Pounds; 3850 Pounds; 250 Pounds; 160 Pounds; 2440 Pounds; 120 Pounds; 400 Pounds; 900 Pounds; 20 Pounds; 1020 Pounds; 100 Pounds; 1520 Pounds; 900 Pounds; 100 Pounds; 100 Pounds; 450 Pounds; 400 Pounds; 1520 Pounds; 80 Pounds; 450 Pounds; 400 Pounds; 80 Pounds; 120 Pounds; 1650 Pounds; 200 Pounds; 450 Pounds; 30 Pounds; 3600 Pounds; 100 Pounds; 40 Pounds; 680 Pounds; 440 Pounds; 1200 Pounds; 400 Pounds; 200 Pounds; 1850 Pounds; 250 Pounds; 200 Pounds; 1440 Pounds; 575 Pounds; 450 Pounds; 3100 Pounds; 80 Pounds; 200 Pounds; 400 Pounds; 3080 Pounds; 2280 Pounds; 650 Pounds; 800 Pounds; 80 Pounds; 400 Pounds; 160 Pounds; 320 Pounds; 1960 Pounds; 3850 Pounds; 150 Pounds; 120 Pounds; 440 Pounds; 350 Pounds; 2070 Pounds; 800 Pounds; 1500 Pounds; 4280 Pounds; 80 Pounds; 320 Pounds; 220 Pounds; 240 Pounds; 240 Pounds; 130 Pounds; 160 Pounds; 250 Pounds; 400 Pounds; 300 Pounds; 2240 Pounds; 550 Pounds; 300 Pounds; 200 Pounds; 150 Pounds; 40 Pounds; 40 Pounds; 240 Pounds; 800 Pounds; 200 Pounds; 120 Pounds; 2400 Pounds; 350 Pounds; 50 Pounds; 1280 Pounds; 2280 Pounds; 100 Pounds; 80 Pounds; 750 Pounds; 3950 Pounds; 320 Pounds; 250 Pounds; 200 Pounds; 200 Pounds; 80 Pounds; 1280 Pounds; 300 Pounds; 200 Pounds; 400 Pounds; 30 Pounds; 450 Pounds; 1680 Pounds; 80 Pounds; 500 Pounds; 1200 Pounds; 800 Pounds; 2850 Pounds; 400 Pounds; 1810 Pounds; 125 Pounds; 160 Pounds; 195 Pounds; 150 Pounds; 315 Pounds; 160 Pounds; 250 Pounds; 200 Pounds; 800 Pounds; 80 Pounds; 120 Pounds; 520 Pounds; 100 Pounds; 320 Pounds; 700 Pounds; 350 Pounds; 2080 Pounds; 160 Pounds; 50 Pounds; 160 Pounds; 200 Pounds; 160 Pounds; 400 Pounds; 80 Pounds; 1040 Pounds; 40 Pounds; 1680 Pounds; 3000 Pounds

1997: 240 Pounds; 250 Pounds; 50 Pounds; 50 Pounds; 410 Pounds; 200 Pounds; 240 Pounds; 850 Pounds; 400 Pounds; 240 Pounds; 400 Pounds; 320 Pounds; 240 Pounds; 40 Pounds; 400 Pounds; 385 Pounds; 80 Pounds; 200 Pounds; 40 Pounds; 150 Pounds; 240 Pounds; 400 Pounds; 200 Pounds; 240 Pounds; 2500 Pounds; 250 Pounds; 400 Pounds; 4400 Pounds; 3200 Pounds; 850 Pounds; 1200 Pounds; 240 Pounds; 320 Pounds; 320 Pounds; 750 Pounds; 940 Pounds; 50 Pounds; 150 Pounds; 50 Pounds; 400 Pounds; 50 Pounds; 900 Pounds; 280 Pounds; 80 Pounds; 320 Pounds; 150 Pounds; 100 Pounds; 50 Pounds; 80 Pounds; 160 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 450 Pounds; 50 Pounds; 150 Pounds; 80 Pounds; 400 Pounds; 80 Pounds; 80 Pounds; 2750 Pounds; 150 Pounds; 80 Pounds; 400 Pounds; 1960 Pounds; 450 Pounds; 50 Pounds; 400 Pounds; 1880 Pounds; 3800 Pounds; 240 Pounds; 200 Pounds; 100 Pounds; 100 Pounds; 400 Pounds; 150 Pounds; 450 Pounds; 240 Pounds; 450 Pounds; 100 Pounds; 10 Pounds; 1000 Pounds; 240 Pounds; 300 Pounds; 40 Pounds; 5 Pounds; 400 Pounds; 60 Pounds; 50 Pounds; 240 Pounds; 400 Pounds; 150 Pounds; 160 Pounds; 320 Pounds; 80 Pounds; 80 Pounds; 200 Pounds; 320 Pounds; 260 Pounds; 80 Pounds; 250 Pounds; 40 Pounds; 150 Pounds; 160 Pounds; 150 Pounds; 250 Pounds; 400 Pounds; 3300 Pounds; 400 Pounds; 400 Pounds; 100 Pounds; 4850 Pounds; 400 Pounds; 3600 Pounds; 240 Pounds; 240 Pounds; 160 Pounds; 160 Pounds; 200 Pounds; 3400 Pounds; 400 Pounds; 85 Pounds; 160 Pounds; 160 Pounds; 4300 Pounds; 300 Pounds; 400 Pounds; 300 Pounds; 4500 Pounds; 700 Pounds; 50 Pounds; 240 Pounds; 150 Pounds; 3200 Pounds; 250 Pounds; 250 Pounds; 250 Pounds; 250 Pounds; 50 Pounds; 300 Pounds; 160 Pounds; 160 Pounds; 50 Pounds; 200 Pounds; 50 Pounds; 240 Pounds; 160 Pounds; 150 Pounds; 80 Pounds; 120 Pounds; 200 Pounds; 100 Pounds; 1040 Pounds; 400 Pounds; 150 Pounds; 10 Pounds; 30 Pounds; 350 Pounds; 700 Pounds; 40 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 250 Pounds; 250 Pounds; 150 Pounds; 1400 Pounds; 200 Pounds; 240 Pounds; 900 Pounds; 320 Pounds; 150 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 240 Pounds; 200 Pounds; 240 Pounds; 440 Pounds; 250 Pounds; 250 Pounds;

400 Pounds; 50 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 40 Pounds; 320 Pounds; 600 Pounds; 400 Pounds; 80 Pounds; 100 Pounds; 700 Pounds; 100 Pounds; 40 Pounds; 50 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 80 Pounds; 250 Pounds; 240 Pounds; 120 Pounds; 350 Pounds; 400 Pounds; 450 Pounds; 250 Pounds; 200 Pounds; 100 Pounds; 150 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 50 Pounds; 50 Pounds; 160 Pounds; 400 Pounds; 100 Pounds; 50 Pounds; 80 Pounds; 50 Pounds; 320 Pounds; 100 Pounds; 150 Pounds; 150 Pounds; 350 Pounds; 50 Pounds; 450 Pounds; 500 Pounds; 200 Pounds; 400 Pounds; 160 Pounds; 80 Pounds; 40 Pounds; 320 Pounds; 50 Pounds; 240 Pounds; 480 Pounds; 50 Pounds; 50 Pounds; 320 Pounds; 320 Pounds; 200 Pounds; 50 Pounds; 200 Pounds
1998: 150 Pounds; 650 Pounds; 100 Pounds; 3 Pounds; 200 Pounds; 50 Pounds; 150 Pounds; 400 Pounds; 400 Pounds; 2800 Pounds; 150 Pounds; 400 Pounds; 200 Pounds; 240 Pounds; 150 Pounds; 28000 Pounds; 1500 Pounds; 300 Pounds; 3600 Pounds; 320 Pounds; 7400 Pounds; 150 Pounds; 1000 Pounds; 400 Pounds; 50 Pounds; 60 Pounds; 800 Pounds; 200 Pounds; 400 Pounds; 600 Pounds; 366 Pounds; 1200 Pounds; 400 Pounds; 150 Pounds; 581 Pounds; 12 Pounds; 150 Pounds; 500 Pounds; 240 Pounds; 40 Pounds; 100 Pounds; 450 Pounds; 250 Pounds; 42 Pounds; 400 Pounds; 320 Pounds; 500 Pounds; 200 Pounds; 500 Pounds; 1020 Pounds; 60 Pounds; 100 Pounds; 80 Pounds; 10000 Pounds; 16 Pounds; 16 Pounds; 210 Pounds; 100 Pounds; 250 Pounds; 150 Pounds; 400 Pounds; 50 Pounds; 1200 Pounds; 1400 Pounds; 40 Pounds; 3 Pounds; 440 Pounds; 200 Pounds; 700 Pounds; 600 Pounds; 550 Pounds; 50 Pounds; 300 Pounds; 100 Pounds; 300 Pounds; 250 Pounds; 300 Pounds; 150 Pounds; 200 Pounds; 40 Pounds; 30 Pounds; 100 Pounds; 400 Pounds; 200 Pounds; 50 Pounds; 160 Pounds; 40 Pounds; 400 Pounds; 400 Pounds; 150 Pounds; 500 Pounds; 100 Pounds; 8600 Pounds; 550 Pounds; 80 Pounds; 200 Pounds; 400 Pounds; 250 Pounds; 250 Pounds; 40 Pounds; 150 Pounds; 750 Pounds; 200 Pounds; 80 Pounds; 150 Pounds; 160 Pounds; 320 Pounds; 320 Pounds; 30 Pounds; 400 Pounds; 160 Pounds; 320 Pounds; 240 Pounds; 240 Pounds; 240 Pounds; 1400 Pounds; 400 Pounds; 400 Pounds; 240 Pounds; 25 Pounds; 80 Pounds; 60 Pounds; 100 Pounds; 320 Pounds; 400 Pounds; 100 Pounds; 40 Pounds; 800 Pounds; 80 Pounds; 100 Pounds; 400 Pounds; 60 Pounds; 400 Pounds; 240 Pounds; 5 Pounds; 80 Pounds; 40 Pounds; 15 Pounds; 1500 Pounds; 130 Pounds; 800 Pounds; 600 Pounds; 11625 Pounds; 400 Pounds; 200 Pounds; 450 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 450 Pounds; 250 Pounds; 1440 Pounds; 880 Pounds; 400 Pounds; 80 Pounds; 30 Pounds; 200 Pounds; 560 Pounds; 1200 Pounds; 300 Pounds; 450 Pounds; 3600 Pounds; 80 Pounds; 120 Pounds; 34 Pounds; 400 Pounds; 1600 Pounds; 800 Pounds; 130 Pounds; 40 Pounds; 420 Pounds; 400 Pounds; 240 Pounds; 250 Pounds; 30 Pounds; 250 Pounds; 320 Pounds; 100 Pounds; 320 Pounds; 120 Pounds; 800 Pounds; 800 Pounds; 42 Pounds; 150 Pounds; 240 Pounds; 240 Pounds; 240 Pounds; 800 Pounds; 3450 Pounds; 400 Pounds; 100 Pounds; 180 Pounds; 300 Pounds; 270 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 3050 Pounds; 300 Pounds; 160 Pounds; 6 Pounds; 800 Pounds; 400 Pounds; 1050 Pounds; 400 Pounds; 150 Pounds; 800 Pounds; 100 Pounds; 35 Pounds; 400 Pounds; 400 Pounds; 80 Pounds; 400 Pounds; 240 Pounds; 50 Pounds; 400 Pounds; 80 Pounds; 480 Pounds; 80 Pounds; 800 Pounds; 400 Pounds; 100 Pounds; 300 Pounds; 300 Pounds; 200 Pounds; 100 Pounds; 350 Pounds; 400 Pounds; 100 Pounds; 200 Pounds; 350 Pounds; 200 Pounds; 150 Pounds; 100 Pounds; 350 Pounds; 400 Pounds; 250 Gallons; 150 Pounds; 400 Pounds; 5 Pounds; 31000 Pounds; 2000 Pounds; 250 Pounds; 560 Pounds; 400 Pounds; 800 Pounds; 300 Pounds; 150 Pounds; 200 Pounds; 400 Pounds; 600 Pounds; 80 Pounds; 150 Pounds; 210 Pounds; 60 Pounds; 250 Pounds; 400 Pounds; 200 Pounds; 20 Pounds; 800 Pounds; 480 Pounds; 125 Pounds; 480 Pounds; 400 Pounds; 5000 Pounds; 216 Pounds; 640 Pounds; 8 Pounds
1999: 200 Pounds; 80 Pounds; 120 Pounds; 800 Pounds; 400 Pounds; 50 Pounds; 40 Pounds; 200 Pounds; 5000 Pounds; 400 Pounds; 45 Pounds; 80 Pounds; 150 Pounds; 80 Pounds; 60 Pounds; 300 Pounds; 250 Pounds; 350 Pounds; 130 Pounds; 250 Pounds; 150 Pounds; 600 Pounds; 100 Pounds; 1400 Pounds; 400 Pounds; 5000 Pounds; 25 Pounds; 625 Pounds; 6025 Pounds; 50 Pounds; 550 Pounds; 250 Pounds; 150 Pounds; 400 Pounds; 100 Pounds; 800 Pounds; 35 Pounds; 240 Pounds; 240 Pounds; 5 Pounds; 540 Pounds; 600 Pounds; 80 Pounds; 400 Pounds; 240 Pounds; 200 Pounds; 80 Pounds; 60 Pounds; 800 Pounds; 150 Pounds; 300 Pounds; 600 Pounds; 400 Pounds; 900 Pounds; 400 Pounds; 400 Pounds; 4 Pounds; 80 Pounds; 200 Pounds; 400 Pounds; 250 Pounds; 100 Pounds; 60 Pounds; 150 Pounds; 100 Pounds; 500 Pounds; 100 Pounds; 350 Pounds; 150 Pounds; 400 Pounds; 250 Pounds; 550 Pounds; 200 Pounds; 750 Pounds; 200 Pounds; 50 Pounds; 20 Pounds; 80 Pounds; 600 Pounds; 30 Pounds; 50 Pounds; 400 Pounds; 560 Pounds; 1600 Pounds; 180 Pounds; 320 Pounds; 240 Pounds; 240 Pounds; 160 Pounds; 250 Pounds; 160 Pounds; 8 Pounds; 200 Pounds; 5000 Pounds; 240 Pounds; 400 Pounds; 50 Pounds; 40 Pounds; 70 Pounds; 1 Pounds; 300 Pounds; 25 Pounds; 1720 Pounds; 300 Pounds; 520 Pounds; 320 Pounds; 480 Pounds; 400 Pounds; 800 Pounds; 40 Pounds; 400 Pounds; 30 Pounds; 120 Pounds; 100 Pounds; 120 Pounds; 5600 Pounds; 600 Pounds; 150 Pounds; 16 Pounds; 50 Pounds; 225 Pounds; 350 Pounds; 400 Pounds; 150 Pounds; 450 Pounds; 600 Pounds; 80 Pounds; 45 Pounds; 100 Pounds; 60 Pounds; 25 Pounds; 42 Pounds; 800 Pounds; 40 Pounds; 200 Pounds; 100 Pounds; 720 Pounds; 600 Pounds; 50 Pounds; 120 Pounds; 600 Pounds; 1400 Pounds; 400 Pounds; 40 Pounds; 800 Pounds; 800 Pounds; 13000 Pounds; 600 Pounds; 640 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 80 Pounds; 560 Pounds; 9500 Pounds; 360 Pounds; 3150 Pounds; 320 Pounds; 450 Pounds; 240 Pounds; 200 Pounds; 400 Pounds; 50 Pounds; 160 Pounds; 30 Pounds; 50 Pounds; 50 Pounds; 560 Pounds; 200 Pounds; 40 Pounds; 300 Pounds; 800 Pounds; 30 Pounds; 50 Pounds; 320 Pounds; 400 Pounds; 600 Pounds; 125 Pounds; 70 Pounds; 800 Pounds; 700 Pounds; 75 Pounds; 300 Pounds; 750 Pounds; 600 Pounds; 500 Pounds; 300 Pounds; 700 Pounds; 200 Pounds; 400 Pounds; 250 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 50 Pounds; 150 Pounds; 420 Pounds; 800 Pounds; 150 Pounds; 100 Pounds; 640 Pounds; 250 Pounds; 60 Pounds; 250 Pounds; 50 Pounds; 50 Pounds; 800 Pounds; 1125 Pounds; 800 Pounds; 800 Pounds; 600 Pounds; 400 Pounds; 300 Pounds; 50 Pounds; 640 Pounds; 140 Pounds; 6800 Pounds; 200 Pounds; 400 Pounds; 2500 Pounds; 40 Pounds; 1200 Pounds; 240 Pounds; 800 Pounds; 800 Pounds; 700 Pounds; 600 Pounds; 240 Pounds; 400 Pounds; 30 Pounds; 40 Pounds; 30 Pounds; 1920 Pounds; 80 Pounds; 40 Pounds; 400 Pounds; 100 Pounds; 400 Pounds
2000: 800 Pounds; 2000 Pounds; 500 Pounds; 250 Pounds; 150 Pounds; 400 Pounds; 400 Pounds; 240 Pounds; 720 Pounds; 100 Pounds; 350 Pounds; 1200 Pounds; 500 Pounds; 400 Pounds; 150 Pounds; 800 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 1600 Pounds; 1400 Pounds; 400 Pounds; 30 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 100 Pounds; 2 Pounds; 800 Pounds; 45 Pounds; 480 Pounds; 480 Pounds; 150 Pounds; 640 Pounds; 730 Pounds; 80 Pounds; 640 Pounds; 550 Pounds; 40 Pounds; 400 Pounds; 320 Pounds; 40 Pounds; 300 Pounds; 240 Pounds; 120 Pounds; 5 Pounds; 24 Pounds; 5 Pounds; 50 Pounds; 50 Pounds; 800 Pounds; 40 Pounds; 160 Pounds; 160 Pounds; 30 Pounds; 15 Pounds; 30 Pounds; 400 Pounds; 60 Pounds; 40 Pounds; 50 Pounds; 50 Pounds; 300 Pounds; 6730 Pounds; 1500 Pounds; 75 Pounds; 800 Pounds; 100 Pounds; 490 Pounds; 280 Pounds; 30 Pounds; 20 Pounds; 450 Pounds; 20 Pounds; 1050 Pounds; 12 Pounds; 900 Pounds; 800 Pounds; 950 Pounds; 800 Pounds; 5250 Pounds; 300 Pounds; 150 Pounds; 80 Pounds; 100 Pounds; 50 Pounds; 110 Pounds; 100 Pounds; 150 Pounds; 80 Pounds; 50 Pounds; 100 Pounds; 250 Pounds; 150 Pounds; 30 Pounds; 50 Pounds; 150 Pounds; 480 Pounds; 320 Pounds; 400 Pounds; 400 Pounds; 250 Pounds; 10800 Pounds; 400 Pounds; 80 Pounds; 50 Pounds; 540 Pounds; 240 Pounds; 1 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 400 Pounds; 80 Pounds; 5 Pounds; 10 Pounds; 150 Pounds; 50 Pounds; 50 Pounds; 160 Pounds; 128 Pounds; 100 Pounds; 200 Pounds; 50 Pounds; 2 Pounds; 200 Pounds; 80 Pounds; 130 Pounds; 60 Pounds; 1300 Pounds; 150 Pounds; 200 Pounds; 270 Pounds; 30 Pounds; 200 Pounds; 45 Pounds; 80 Pounds; 800 Pounds; 300 Pounds; 300 Pounds; 80 Pounds; 7500 Pounds; 5 Pounds; 800 Pounds; 400 Pounds; 15 Pounds; 25 Pounds; 75 Pounds; 1120 Pounds; 300 Pounds; 800 Pounds; 320 Pounds; 240 Pounds; 440 Pounds; 280 Pounds; 400 Pounds; 50 Pounds; 60 Pounds; 150 Pounds; 550 Pounds; 700 Pounds; 1440 Pounds; 400 Pounds; 80 Pounds; 300 Pounds; 450 Pounds; 50 Pounds; 750 Pounds; 80 Pounds; 280 Pounds; 240 Pounds; 14000 Pounds; 150 Pounds; 15 Pounds; 220 Pounds; 30 Pounds; 150 Pounds; 20 Pounds; 800 Pounds; 70 Pounds; 80 Pounds; 80 Pounds; 20 Pounds; 30 Pounds; 210 Pounds; 160 Pounds; 480 Pounds; 80 Pounds; 20 Pounds; 100 Pounds; 200 Pounds; 50 Pounds; 800 Pounds; 960 Pounds; 600 Pounds; 700 Pounds
2001: 108 Pounds; 1200 Pounds; 1200 Pounds; 180 Pounds; 1600 Pounds; 1200 Pounds; 30 Pounds; 200 Pounds; 150 Pounds; 20 Pounds; 100

Pounds; 240 Pounds; 160 Pounds; 680 Pounds; 150 Pounds; 40 Pounds; 100 Pounds; 100 Pounds; 160 Pounds; 60 Pounds; 200 Pounds; 160 Pounds; 300 Pounds; 60 Pounds; 100 Pounds; 240 Pounds; 100 Pounds; 65 Pounds; 300 Pounds; 10 Pounds; 800 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 3600 Pounds; 420 Pounds; 400 Pounds; 1600 Pounds; 80 Pounds; 45 Pounds; 350 Pounds; 800 Pounds; 250 Pounds; 800 Pounds; 20 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 40 Pounds; 1600 Pounds; 360 Pounds; 250 Pounds; 40 Pounds; 400 Pounds; 800 Pounds; 50 Pounds; 375 Pounds; 375 Pounds; 1200 Pounds; 20 Pounds; 100 Pounds; 400 Pounds; 950 Pounds; 750 Pounds; 150 Pounds; 150 Pounds; 240 Pounds; 1680 Pounds; 1040 Pounds; 6600 Pounds; 100 Pounds; 4500 Pounds; 700 Pounds; 120 Pounds; 6225 Pounds; 480 Pounds; 2800 Pounds; 800 Pounds; 800 Pounds; 360 Pounds; 800 Pounds; 400 Pounds; 1250 Pounds; 175 Pounds; 1700 Pounds; 480 Pounds; 800 Pounds; 320 Pounds; 100 Pounds; 320 Pounds; 480 Pounds; 180 Pounds; 320 Pounds; 200 Pounds; 250 Pounds; 240 Pounds; 480 Pounds; 320 Pounds; 600 Pounds; 320 Pounds; 280 Pounds; 880 Pounds; 400 Pounds; 40 Pounds; 320 Pounds; 3750 Pounds; 320 Pounds; 50 Pounds; 180 Pounds; 800 Pounds; 10 Pounds; 200 Pounds; 20 Pounds; 45 Pounds; 40 Pounds; 1 Pounds; 30 Pounds; 45 Pounds; 100 Pounds; 200 Pounds; 90 Pounds; 290 Pounds; 160 Pounds; 600 Pounds; 320 Pounds; 240 Pounds; 160 Pounds; 320 Pounds; 300 Pounds; 240 Pounds; 480 Pounds; 240 Pounds; 2500 Pounds; 240 Pounds; 30 Pounds; 100 Pounds; 120 Pounds; 50 Pounds; 400 Pounds; 60 Pounds; 50 Pounds; 30 Pounds; 2 Pounds; 20 Pounds; 400 Pounds; 320 Pounds; 150 Pounds; 150 Pounds; 800 Pounds; 40 Pounds; 10 Pounds; 42 Pounds; 340 Pounds; 400 Pounds; 70 Pounds; 60 Pounds; 160 Pounds; 240 Pounds; 80 Pounds; 80 Pounds; 20 Pounds; 100 Pounds; 60 Pounds; 80 Pounds; 100 Pounds; 240 Pounds; 160 Pounds; 60 Pounds; 160 Pounds; 100 Pounds; 130 Pounds; 150 Pounds; 80 Pounds; 60 Pounds

2002: 45 Pounds; 100 Pounds; 100 Pounds; 880 Pounds; 60 Pounds; 750 Pounds; 800 Pounds; 120 Pounds; 80 Pounds; 80 Pounds; 250 Pounds; 10 Pounds; 20 Pounds; 250 Pounds; 1 Pounds; 100 Pounds; 80 Pounds; 480 Pounds; 50 Pounds; 1120 Pounds; 320 Pounds; 100 Pounds; 320 Pounds; 50 Pounds; 80 Pounds; 240 Pounds; 3 Pounds; 320 Pounds; 160 Pounds; 160 Pounds; 50 Pounds; 280 Pounds; 150 Pounds; 400 Pounds; 2000 Pounds; 500 Pounds; 400 Pounds; 350 Pounds; 20 Pounds; 480 Pounds; 40 Pounds; 60 Pounds; 80 Pounds; 450 Pounds; 120 Pounds; 240 Pounds; 100 Pounds; 10 Pounds; 280 Pounds; 160 Pounds; 160 Pounds; 240 Pounds; 320 Pounds; 200 Pounds; 65 Pounds; 45 Pounds; 200 Pounds; 50 Pounds; 600 Pounds; 40 Pounds; 600 Pounds; 300 Pounds; 80 Pounds; 800 Pounds; 50 Pounds; 450 Pounds; 50 Pounds; 50 Pounds; 240 Pounds; 400 Pounds; 800 Pounds; 4 Pounds; 320 Pounds; 50 Pounds; 45 Pounds; 150 Pounds; 320 Pounds; 150 Pounds; 200 Pounds; 20 Pounds; 45 Pounds; 750 Pounds; 800 Pounds; 300 Pounds; 100 Pounds; 250 Pounds; 100 Pounds; 800 Pounds; 800 Pounds; 800 Pounds; 150 Pounds; 1040 Pounds; 800 Pounds; 800 Pounds; 300 Pounds; 1200 Pounds; 800 Pounds; 230 Pounds; 800 Pounds; 300 Pounds; 800 Pounds; 40 Pounds; 100 Pounds; 150 Pounds; 380 Pounds; 800 Pounds; 400 Pounds; 100 Pounds; 100 Pounds; 240 Pounds; 60 Pounds; 30 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 80 Pounds; 800 Pounds; 45 Pounds; 350 Pounds; 800 Pounds; 20 Pounds; 800 Pounds; 800 Pounds; 50 Pounds; 40 Pounds; 300 Pounds; 800 Pounds; 200 Pounds; 220 Pounds; 3000 Pounds; 40 Pounds; 50 Pounds; 450 Pounds; 100 Pounds; 2000 Pounds; 320 Pounds; 40 Pounds; 240 Pounds; 60 Pounds; 100 Pounds; 100 Pounds; 30 Pounds; 100 Pounds; 240 Pounds; 240 Pounds; 30 Pounds; 20 Pounds; 400 Pounds; 45 Pounds; 880 Pounds; 24 Pounds; 320 Pounds; 240 Pounds; 280 Pounds; 350 Pounds; 320 Pounds; 800 Pounds; 800 Pounds; 200 Pounds; 400 Pounds; 200 Pounds

2003: 250 Pounds; 240 Pounds; 750 Pounds; 300 Pounds; 300 Pounds; 952 Pounds; 650 Pounds; 240 Pounds; 200 Pounds; 150 Pounds; 1 Pounds; 400 Pounds; 800 Pounds; 180 Pounds; 15 Pounds; 180 Pounds; 2320 Pounds; 60 Pounds; 280 Pounds; 400 Pounds; 350 Pounds; 400 Pounds; 30 Pounds; 300 Pounds; 100 Pounds; 32 Pounds; 350 Pounds; 300 Pounds; 300 Pounds; 800 Pounds; 120 Pounds; 880 Pounds; 200 Pounds; 8 Pounds; 200 Pounds; 36 Pounds; 415 Pounds; 440 Pounds; 560 Pounds; 500 Pounds; 10 Pounds; 5720 Pounds; 250 Pounds; 240 Pounds; 400 Pounds; 200 Pounds; 50 Pounds; 350 Pounds; 40 Pounds; 20 Pounds; 50 Pounds; 50 Pounds; 20 Pounds; 180 Pounds; 125 Pounds; 30 Pounds; 560 Pounds; 150 Pounds; 45 Pounds; 70 Pounds; 45 Pounds; 640 Pounds; 400 Pounds; 36 Pounds; 45 Pounds; 15 Pounds; 45 Pounds; 8 Pounds; 80 Pounds; 100 Pounds; 320 Pounds; 80 Pounds; 320 Pounds; 300 Pounds; 45 Pounds; 160 Pounds; 120 Pounds; 480 Pounds; 1320 Pounds; 400 Pounds; 45 Pounds; 13 Pounds; 800 Pounds; 2800 Pounds; 1040 Pounds; 720 Pounds; 20 Pounds; 25 Pounds; 80 Pounds; 800 Pounds; 500 Pounds; 200 Pounds; 240 Pounds; 240 Pounds; 20 Pounds; 720 Pounds; 400 Pounds; 120 Pounds; 10 Pounds; 480 Pounds; 320 Pounds; 320 Pounds; 350 Pounds; 200 Pounds; 50 Pounds; 45 Pounds; 240 Pounds; 320 Pounds; 240 Pounds; 100 Pounds; 1200 Pounds; 280 Pounds; 400 Pounds; 240 Pounds; 50 Pounds; 120 Pounds; 80 Pounds; 160 Pounds; 580 Pounds; 20 Pounds; 170 Pounds; 250 Pounds; 40 Pounds; 3840 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 100 Pounds; 50 Pounds; 15 Pounds; 200 Pounds; 2240 Pounds; 360 Pounds; 800 Pounds; 90 Pounds; 1200 Pounds; 300 Pounds; 1100 Pounds; 360 Pounds; 380 Pounds; 280 Pounds; 360 Pounds; 800 Pounds; 400 Pounds; 180 Pounds; 50 Pounds; 250 Pounds; 400 Pounds; 200 Pounds; 213 Pounds; 600 Pounds; 80 Pounds; 700 Pounds; 700 Pounds; 350 Pounds; 3280 Pounds; 30 Pounds; 3360 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 700 Pounds; 250 Pounds; 400 Pounds; 800 Pounds; 160 Pounds; 800 Pounds; 750 Pounds; 370 Pounds; 400 Pounds; 340 Pounds; 150 Pounds; 40 Pounds; 150 Pounds; 50 Pounds; 800 Pounds; 4 Pounds; 100 Pounds; 20 Pounds; 25 Pounds; 240 Pounds; 60 Pounds; 42 Pounds; 210 Pounds; 560 Pounds; 400 Pounds; 160 Pounds; 320 Pounds; 2400 Pounds; 180 Pounds; 300 Pounds; 100 Pounds; 60 Pounds; 320 Pounds

2004: 1200 Pounds; 400 Pounds; 800 Pounds; 180 Pounds; 400 Pounds; 80 Pounds; 240 Pounds; 150 Pounds; 1600 Pounds; 24 Pounds; 50 Pounds; 100 Pounds; 350 Pounds; 350 Pounds; 500 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 800 Pounds; 160 Pounds; 1300 Pounds; 160 Pounds; 65 Pounds; 450 Pounds; 16 Gallons; 110 Gallons; 250 Pounds; 800 Pounds; 700 Pounds; 100 Pounds; 400 Pounds; 400 Pounds; 50 Pounds; 600 Pounds; 645 Pounds; 920 Pounds; 20 Pounds; 160 Pounds; 1320 Pounds; 20 Pounds; 320 Pounds; 320 Pounds; 100 Pounds; 40 Pounds; 160 Pounds; 60 Pounds; 150 Gallons; 40 Pounds; 32 Pounds; 24 Pounds; 150 Pounds; 100 Pounds; 80 Pounds; 20 Pounds; 400 Pounds; 400 Pounds; 100 Pounds; 75 Pounds; 320 Pounds; 120 Pounds; 800 Pounds; 120 Pounds; 240 Pounds; 160 Pounds; 400 Pounds; 8 Pounds; 120 Pounds; 480 Pounds; 80 Pounds; 80 Pounds; 320 Pounds; 320 Pounds; 440 Pounds; 40 Pounds; 130 Pounds; 200 Pounds; 200 Pounds; 45 Pounds; 50 Pounds; 20 Pounds; 4 Pounds; 150 Pounds; 50 Pounds; 25 Pounds; 120 Pounds; 80 Pounds; 80 Pounds; 250 Pounds; 600 Pounds; 800 Pounds; 300 Pounds; 600 Pounds; 700 Pounds; 650 Pounds; 350 Pounds; 400 Pounds; 300 Pounds; 500 Pounds; 700 Pounds; 700 Pounds; 50 Pounds; 400 Pounds; 400 Pounds; 900 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 100 Pounds; 130 Pounds; 200 Pounds; 360 Pounds; 70 Pounds; 160 Pounds; 120 Pounds; 200 Pounds; 160 Pounds; 160 Pounds; 400 Pounds; 80 Pounds; 270 Pounds; 350 Pounds; 320 Pounds; 80 Pounds; 160 Pounds; 160 Pounds; 20 Pounds; 40 Pounds; 40 Pounds; 25 Pounds; 25 Pounds; 80 Pounds; 640 Pounds; 100 Pounds; 640 Pounds; 680 Pounds; 100 Pounds; 40 Pounds; 80 Pounds; 200 Pounds; 120 Pounds; 280 Pounds; 280 Pounds; 80 Pounds; 680 Pounds; 640 Pounds; 100 Pounds; 100 Pounds; 680 Pounds; 300 Pounds; 120 Pounds; 8 Pounds; 60 Pounds; 5 Pounds; 50 Pounds; 40 Pounds; 120 Pounds; 800 Pounds; 1440 Pounds; 250 Pounds; 550 Pounds; 400 Pounds; 800 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 120 Pounds; 60 Pounds; 250 Pounds; 400 Pounds; 2800 Pounds; 880 Pounds; 150 Pounds; 10 Pounds; 80 Pounds; 50 Pounds; 200 Pounds; 160 Pounds; 400 Pounds; 550 Pounds; 360 Pounds; 200 Pounds; 45 Pounds; 680 Pounds; 920 Pounds; 15 Pounds; 480 Pounds; 20 Pounds; 300 Pounds; 320 Pounds; 10 Pounds; 210 Pounds; 55 Gallons; 900 Pounds; 350 Pounds; 80 Pounds; 110 Pounds; 440 Pounds; 840 Pounds; 100 Pounds; 320 Pounds; 240 Pounds; 800 Pounds; 300 Pounds; 50 Pounds; 1800 Pounds; 200 Pounds; 800 Pounds

2005: 360 Pounds; 20 Pounds; 100 Pounds; 80 Pounds; 200 Pounds; 950 Pounds; 680 Pounds; 80 Pounds; 120 Pounds; 400 Pounds; 100 Pounds; 80 Pounds; 10 Pounds; 20 Pounds; 400 Pounds; 300 Pounds; 700 Pounds; 90 Pounds; 150 Pounds; 100 Pounds; 80 Pounds; 20 Pounds; 160 Pounds; 60 Pounds; 40 Pounds; 80 Pounds; 160 Pounds; 440 Pounds; 700 Pounds; 42 Pounds; 2 Pounds; 800 Pounds; 400 Pounds; 50 Pounds; 150 Pounds; 120 Pounds; 400 Pounds; 80 Pounds; 50 Pounds; 520 Pounds; 300 Pounds; 150 Pounds; 14000 Pounds; 200 Pounds; 800 Pounds; 400 Pounds; 30 Pounds; 24 Pounds; 480 Pounds; 330 Pounds; 480 Pounds; 100 Pounds; 10 Pounds; 80 Pounds; 240 Pounds; 100 Pounds; 30 Pounds; 320 Pounds; 5

Pounds; 400 Pounds; 320 Pounds; 2 Pounds; 80 Pounds; 180 Pounds; 100 Pounds; 600 Pounds; 240 Pounds; 60 Pounds; 45 Pounds; 30 Pounds; 250 Pounds; 42 Pounds; 50 Pounds; 60 Pounds; 400 Pounds; 120 Pounds; 300 Pounds; 20 Pounds; 500 Pounds; 800 Pounds; 120 Pounds; 210 Pounds; 120 Pounds; 50 Pounds; 160 Pounds; 80 Pounds; 100 Pounds; 200 Pounds; 1200 Pounds; 400 Pounds; 180 Pounds; 80 Pounds; 10 Pounds; 160 Pounds; 60 Pounds; 80 Pounds; 180 Pounds; 400 Pounds; 50 Pounds; 200 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 40 Pounds; 600 Pounds; 380 Pounds; 800 Pounds; 150 Pounds; 400 Pounds; 180 Pounds; 80 Pounds; 1150 Pounds; 80 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 180 Pounds; 20 Pounds; 50 Pounds; 50 Pounds; 240 Pounds; 1400 Pounds; 1160 Pounds; 1150 Pounds; 800 Pounds; 1440 Pounds; 150 Pounds; 240 Pounds; 450 Pounds; 10 Pounds; 40 Pounds; 160 Pounds; 200 Pounds; 800 Pounds

Manifest Information

Waste Code(s):

F004: (Generic) The following spent nonhalogenated solvents: cresols and cresylic acid, and nitrobenzene; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

Waste Received By Year:

1988: 4160 Pounds; 1360 Pounds; 1280 Pounds; 400 Pounds; 720 Pounds; 1200 Pounds
1997: 40 Pounds
2001: 400 Pounds

Manifest Information

Waste Code(s):

F005: (Generic) The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, and pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002 or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

Waste Received By Year:

1986: 600 Pounds; 600 Pounds
1987: 3500 Pounds
1988: 450 Pounds; 165 Gallons; 800 Pounds; 10400 Pounds; 500 Pounds; 20 Pounds; 100 Pounds; 2310 Gallons; 4400 Pounds; 2750 Pounds; 200 Pounds; 400 Pounds; 55 Gallons; 400 Pounds; 900 Pounds; 2585 Gallons; 1200 Pounds; 400 Pounds; 7350 Pounds; 400 Pounds; 2800 Pounds; 1350 Pounds; 2700 Pounds
1989: 500 Pounds; 150 Pounds; 750 Pounds; 4620 Pounds; 400 Pounds; 855 Pounds; 1800 Pounds; 1200 Pounds; 1200 Pounds; 200 Pounds; 500 Pounds; 1784 Pounds; 240 Pounds; 150 Pounds; 1350 Pounds; 1750 Pounds; 250 Pounds; 500 Pounds; 5700 Pounds; 250 Pounds; 400 Pounds; 200 Pounds; 3000 Pounds; 3250 Pounds; 1750 Pounds; 120 Pounds; 750 Pounds; 625 Pounds; 300 Pounds; 750 Pounds; 100 Pounds; 150 Pounds; 600 Pounds; 1595 Gallons; 7600 Pounds; 1200 Pounds; 220 Gallons; 275 Gallons; 2000 Pounds; 5000 Pounds; 4500 Pounds; 7200 Pounds; 1500 Pounds; 300 Pounds; 750 Pounds; 3000 Pounds; 5170 Pounds; 1500 Pounds; 750 Pounds; 500 Pounds; 900 Pounds; 900 Pounds; 300 Pounds; 150 Pounds; 1000 Pounds; 250 Pounds; 1250 Pounds; 2500 Pounds; 750 Pounds; 400 Pounds; 3613 Pounds; 20 Pounds; 400 Pounds; 450 Pounds; 55 Gallons; 1210 Gallons; 1200 Pounds; 1200 Pounds; 900 Pounds; 400 Pounds; 450 Pounds; 2000 Pounds; 1000 Pounds; 3000 Pounds; 1200 Pounds; 3000 Pounds; 600 Pounds; 1000 Pounds; 325 Pounds; 300 Pounds; 2310 Pounds; 150 Pounds; 150 Pounds; 150 Pounds; 900 Pounds; 500 Pounds
1990: 875 Pounds; 2000 Pounds; 2750 Pounds; 1000 Pounds; 250 Pounds; 500 Pounds; 1650 Pounds; 300 Pounds; 150 Pounds; 2750 Pounds; 150 Pounds; 900 Pounds; 150 Pounds; 300 Pounds; 816 Pounds; 3250 Pounds; 3360 Pounds; 1500 Pounds; 100 Pounds; 500 Pounds; 1750 Pounds; 250 Pounds; 3250 Pounds; 240 Liters; 120 Liters; 3300 Pounds; 150 Pounds; 1750 Pounds; 8800 Pounds; 600 Pounds; 750 Pounds; 459 Pounds; 699 Pounds; 348 Pounds; 100 Pounds; 300 Pounds; 300 Pounds; 3000 Pounds; 600 Pounds; 600 Pounds; 7800 Pounds; 750 Pounds; 100 Pounds; 900 Pounds; 1600 Pounds; 170 Pounds; 400 Pounds; 250 Pounds; 500 Pounds; 300 Pounds; 208 Pounds; 3750 Pounds; 300 Pounds; 500 Pounds; 2750 Pounds; 500 Pounds; 1835 Pounds; 2109 Pounds
1991: 1200 Pounds; 3250 Pounds; 500 Pounds; 500 Pounds; 1476 Pounds; 2250 Pounds; 250 Pounds; 400 Pounds; 3205 Pounds; 800 Pounds; 425 Pounds; 2640 Pounds; 620 Pounds; 3350 Pounds; 150 Pounds; 1375 Pounds; 600 Pounds; 2410 Pounds; 1125 Pounds; 200 Pounds; 400 Pounds; 375 Pounds; 800 Pounds; 500 Pounds; 300 Pounds; 900 Pounds; 150 Pounds; 831 Pounds; 810 Pounds; 1250 Pounds; 272 Pounds; 250 Pounds; 20 Pounds; 200 Pounds; 50 Pounds; 10 Pounds; 1600 Pounds; 750 Pounds; 1200 Pounds; 830 Pounds; 300 Pounds; 40 Pounds; 2950 Pounds; 120 Pounds; 200 Pounds; 2040 Pounds; 102 Pounds; 300 Pounds; 875 Pounds
1992: 2365 Pounds; 240 Pounds; 100 Pounds; 440 Pounds; 40 Pounds; 40 Pounds; 150 Pounds; 1567 Pounds; 1080 Pounds; 40 Pounds; 40 Pounds; 1050 Pounds; 100 Pounds; 4125 Pounds; 40 Pounds; 20 Pounds; 75 Pounds; 40 Pounds; 75 Pounds; 2515 Pounds; 150 Pounds; 1564 Pounds; 2800 Pounds; 200 Pounds; 1200 Pounds; 2000 Pounds; 900 Pounds; 400 Pounds; 2500 Pounds; 200 Pounds
1993: 20 Pounds; 240 Gallons; 120 Pounds; 50 Pounds; 400 Pounds; 800 Pounds; 200 Pounds; 100 Pounds; 150 Pounds; 75 Pounds; 1500 Pounds; 16808 Pounds
1994: 4240 Pounds; 100 Pounds; 5350 Pounds; 500 Pounds; 750 Pounds
1995: 150 Pounds; 1000 Pounds; 1600 Pounds; 400 Pounds; 200 Pounds; 25 Pounds; 50 Pounds
1996: 400 Pounds; 40 Pounds; 2400 Pounds; 1200 Pounds; 5050 Pounds; 750 Pounds; 64 Pounds
1997: 40 Pounds; 450 Pounds; 300 Pounds; 3050 Pounds; 2850 Pounds; 50 Pounds; 30 Pounds; 80 Pounds; 800 Pounds; 600 Pounds; 2850 Pounds; 100 Pounds; 100 Pounds; 3050 Pounds; 300 Pounds; 2000 Pounds; 3000 Pounds; 3695 Pounds; 200 Pounds; 60 Pounds; 30 Pounds; 40 Pounds; 30

Pounds; 255 Gallons; 3650 Pounds; 300 Pounds; 1850 Pounds; 40 Pounds
1998: 1500 Pounds; 3250 Pounds; 4250 Pounds; 1200 Pounds; 3050 Pounds; 2050 Pounds; 3000 Pounds; 3250 Pounds; 260 Gallons; 3650 Pounds; 2000 Pounds; 200 Pounds; 3650 Pounds; 1250 Pounds; 70 Pounds; 1200 Pounds; 80 Pounds; 45 Pounds; 20 Pounds; 100 Pounds; 200 Pounds; 50 Pounds; 400 Pounds; 5 Pounds; 180 Pounds; 2850 Pounds; 4800 Pounds; 2700 Pounds; 3200 Pounds; 3300 Pounds; 2050 Pounds; 400 Pounds; 400 Pounds; 3250 Pounds; 4200 Pounds; 2050 Pounds; 400 Pounds; 110 Gallons; 3450 Pounds; 1665 Gallons; 2 Pounds; 200 Gallons; 400 Pounds; 2800 Pounds; 2920 Pounds; 580 Pounds; 3550 Pounds; 1700 Pounds; 600 Pounds; 400 Pounds; 3450 Pounds; 100 Pounds; 3000 Pounds; 3450 Pounds; 960 Pounds; 2200 Pounds
1999: 200 Pounds; 10 Pounds; 50 Pounds; 100 Pounds; 1500 Pounds; 1600 Pounds; 30 Pounds; 4050 Pounds; 400 Pounds; 4100 Pounds; 3650 Pounds; 1520 Pounds; 600 Pounds; 3800 Pounds; 2000 Pounds; 80 Pounds; 40 Pounds; 1500 Pounds; 115 Pounds; 3650 Pounds; 3050 Pounds; 3450 Pounds; 2650 Pounds; 1300 Pounds; 120 Pounds; 4850 Pounds; 900 Pounds; 300 Pounds; 50 Pounds; 800 Pounds; 16000 Pounds; 30 Pounds; 3850 Pounds; 100 Pounds; 2000 Pounds; 4050 Pounds; 2400 Pounds; 50 Pounds; 3450 Pounds; 200 Pounds; 200 Pounds
2000: 200 Pounds; 75 Pounds; 350 Pounds; 100 Pounds; 50 Pounds; 1360 Pounds; 8 Pounds; 50 Pounds; 4000 Pounds; 1250 Pounds; 1600 Pounds; 50 Pounds; 1000 Pounds; 50 Pounds; 3200 Pounds; 400 Pounds; 60 Pounds; 120 Pounds; 40 Pounds; 180 Pounds; 1600 Pounds; 50 Pounds; 8000 Pounds; 700 Pounds; 1400 Pounds; 15 Pounds; 1600 Pounds; 800 Pounds; 500 Pounds; 400 Pounds; 300 Pounds; 40 Pounds; 1600 Pounds; 1200 Pounds; 50 Pounds; 80 Pounds; 2 Pounds; 900 Pounds; 100 Pounds; 2400 Pounds; 1200 Pounds; 14000 Pounds; 20 Pounds; 1040 Pounds
2001: 180 Pounds; 1600 Pounds; 100 Pounds; 180 Pounds; 560 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 2400 Pounds; 1800 Pounds; 350 Pounds; 100 Pounds; 200 Pounds; 300 Pounds; 200 Pounds; 100 Pounds; 2600 Pounds; 40 Pounds; 100 Pounds; 40 Pounds; 30 Pounds; 100 Pounds; 100 Pounds; 150 Pounds; 1200 Pounds; 900 Pounds
2002: 100 Pounds; 150 Pounds; 150 Pounds; 120 Pounds; 420 Pounds; 400 Pounds; 160 Pounds; 100 Pounds
2003: 150 Pounds; 2080 Pounds; 134 Pounds; 250 Pounds; 3760 Pounds; 50 Pounds; 45 Pounds; 300 Pounds; 15 Pounds; 40 Pounds; 40 Pounds; 20 Pounds
2004: 45 Pounds; 50 Pounds; 120 Pounds; 180 Pounds; 50 Pounds; 900 Pounds; 15 Pounds; 50 Pounds; 440 Pounds; 80 Pounds; 60 Pounds; 100 Pounds; 200 Pounds; 75 Pounds; 1 Pounds; 150 Pounds; 1440 Pounds; 16 Pounds; 10 Pounds; 80 Pounds; 50 Pounds
2005: 300 Pounds; 30 Gallons; 1800 Pounds; 100 Pounds; 2 Pounds; 50 Pounds

Manifest Information

Waste Code(s):

P105: (26628-22-8) Sodium azide

Waste Received By Year:

1985: 30 Pounds; 100 Pounds; 250 Pounds
1986: 1 Pounds; 10 Pounds
1987: 25 Pounds
1988: 5 Pounds
1989: 15 Pounds; 1 Pounds; 15 Pounds
1991: 1 Pounds; 9 Pounds; 5 Pounds; 225 Pounds; 80 Pounds; 4 Pounds; 2 Pounds; 20 Pounds
1992: 5 Pounds; 80 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 20 Pounds; 80 Pounds; 100 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 80 Pounds; 80 Pounds
1993: 120 Pounds; 50 Pounds; 40 Pounds; 50 Pounds; 280 Pounds; 160 Pounds; 30 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 80 Pounds; 30 Pounds
1994: 120 Pounds; 160 Pounds; 40 Pounds; 100 Pounds; 1 Pounds; 20 Pounds
1995: 120 Pounds; 50 Pounds; 50 Pounds; 80 Pounds; 80 Pounds; 20 Pounds
1996: 190 Pounds; 10 Pounds; 40 Pounds; 220 Pounds; 40 Pounds; 120 Pounds; 150 Pounds
1997: 50 Pounds; 80 Pounds; 50 Pounds; 15 Pounds
1998: 30 Pounds; 100 Pounds; 150 Pounds
1999: 50 Pounds; 80 Pounds; 2 Pounds; 40 Pounds; 160 Pounds
2000: 15 Pounds; 80 Pounds; 20 Pounds; 50 Pounds
2001: 8 Pounds; 40 Pounds; 1 Pounds; 2 Pounds
2002: 90 Pounds; 1 Pounds; 40 Pounds; 1 Pounds; 10 Pounds; 1 Pounds
2003: 1 Pounds; 1 Pounds; 5 Pounds
2004: 440 Pounds; 1 Pounds; 440 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 1 Pounds; 400 Pounds; 10 Pounds; 300 Pounds
2005: 3 Pounds

Manifest Information

Waste Code(s):

P106: (143-33-9) Sodium cyanide

Waste Received By Year:

1986: 770 Pounds; 80 Pounds; 120 Pounds
1987: 250 Pounds; 8 Pounds; 10 Pounds
1988: 25 Pounds; 25 Pounds; 250 Pounds; 50 Pounds; 100 Pounds

1989: 200 Pounds
1991: 150 Pounds; 120 Pounds; 75 Pounds
1992: 900 Pounds; 40 Pounds; 80 Pounds
1994: 200 Pounds
1995: 200 Pounds; 250 Pounds
1996: 35 Pounds; 50 Pounds; 35 Pounds
1997: 20 Pounds; 75 Pounds; 75 Pounds; 75 Pounds; 75 Pounds; 50 Pounds
1998: 5 Gallons; 1 Pounds; 50 Pounds
1999: 1 Pounds; 6 Pounds; 1 Pounds
2000: 45 Pounds; 15 Pounds; 1 Pounds; 2 Gallons
2001: 50 Pounds; 100 Pounds; 1 Pounds; 30 Pounds; 250 Pounds
2003: 1 Pounds; 5 Pounds
2004: 3 Pounds
2005: 4 Pounds; 1 Pounds

Manifest Information

Waste Code(s):

P107: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1999: 100 Pounds

Manifest Information

Waste Code(s):

P108: (157-24-9) Strychnidin-10-one, & salts

Waste Received By Year:

1988: 400 Pounds
1989: 100 Pounds; 20 Pounds; 100 Pounds
1999: 10 Pounds
2000: 300 Pounds; 300 Pounds
2005: 20 Pounds; 10 Pounds

Manifest Information

Waste Code(s):

P109: (3689-24-5) Tetraethyldithio pyrophosphate

Waste Received By Year:

1998: 150 Pounds

Manifest Information

Waste Code(s):

P110: (78-00-2) Plumbane, tetraethyl-

Waste Received By Year:

2003: 1 Pounds

Manifest Information

Waste Code(s):

P115: (7446-18-6) Sulfuric acid, dithallium(1 +) salt

Waste Received By Year:

1988: 500 Pounds

Manifest Information

Waste Code(s):

P119: (7803-55-6) Vanadic acid, ammonium salt

Waste Received By Year:

2000: 200 Pounds
2003: 1 Pounds

Manifest Information

Waste Code(s):

P120: (1314-62-1) Vanadium oxide V2O5

Waste Received By Year:

1983: 50 Pounds
1985: 70 Pounds
1998: 2100 Pounds; 5 Gallons; 30 Pounds; 325 Pounds
1999: 100 Pounds
2000: 2400 Pounds
2003: 30 Pounds

Manifest Information

Waste Code(s):

P121: (557-21-1) Zinc cyanide

Waste Received By Year:

1988: 150 Pounds

Manifest Information

Waste Code(s):

P122: (1314-84-7) Zinc phosphide Zn3P2, when present at concentrations greater than 10 percent (R,T)

Waste Received By Year:

1987: 5 Pounds
1988: 25 Pounds
2000: 50 Pounds

Manifest Information

Waste Code(s):

R001: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 660 Pounds; 540 Pounds
1990: 250 Pounds; 4405 Pounds; 2775 Pounds; 450 Pounds; 700 Pounds; 750 Pounds; 500 Pounds; 900 Pounds; 500 Pounds; 300 Pounds; 250 Pounds; 750 Pounds; 1000 Pounds; 150 Pounds; 820 Pounds; 2250 Pounds; 450 Pounds; 350 Pounds; 350 Pounds; 600 Pounds; 150 Pounds; 400 Pounds; 600 Pounds; 200 Pounds; 200 Pounds; 810 Pounds; 150 Pounds; 600 Pounds; 300 Pounds; 150 Pounds; 450 Pounds; 300 Pounds; 1701 Pounds; 3175 Pounds; 200 Pounds; 211 Pounds; 900 Pounds; 250 Pounds; 1200 Pounds; 250 Pounds; 250 Pounds; 2395 Pounds; 250 Pounds; 400 Pounds; 600 Pounds; 400 Pounds; 1525 Liters; 240 Pounds; 600 Pounds; 400 Pounds; 600 Pounds; 2400 Pounds; 725 Pounds; 2250 Pounds; 2200 Pounds; 2750 Pounds; 950 Pounds; 2750 Pounds; 1250 Pounds; 500 Pounds; 1250 Pounds; 700 Pounds; 1150 Pounds; 200 Pounds; 200 Pounds; 250 Pounds; 1125 Pounds; 1000 Pounds; 1400 Pounds; 500 Pounds; 12100 Pounds; 176 Pounds; 75 Pounds; 1499 Pounds; 250 Pounds; 1200 Pounds; 250 Pounds; 2460 Pounds; 400 Pounds; 300 Pounds; 1750 Pounds; 1750 Pounds; 211 Pounds; 2947 Pounds; 1500 Pounds; 2500 Pounds; 2000 Pounds; 400 Pounds; 600 Pounds; 900 Pounds; 497 Pounds; 750 Pounds; 300 Pounds; 600 Pounds; 1800 Pounds; 490 Pounds; 2000 Pounds; 350 Pounds; 2452 Pounds; 2147 Pounds; 5109 Pounds; 200 Pounds; 600 Pounds; 950 Pounds; 1250 Pounds; 4200 Pounds; 2000 Pounds; 1200 Pounds; 935 Pounds; 1425 Pounds; 403 Pounds; 368 Pounds; 805 Pounds; 200 Pounds; 2887 Pounds; 800 Pounds; 955 Pounds; 200 Pounds; 500 Pounds; 4180 Pounds; 275 Pounds; 700 Pounds; 750 Pounds; 600 Pounds; 150 Pounds; 325 Pounds; 335 Pounds; 2100 Pounds; 500 Pounds; 1000 Pounds; 1000 Pounds; 2000 Pounds; 4825 Pounds; 185 Pounds; 3000 Pounds; 1250 Pounds; 250 Pounds; 500 Pounds; 600 Pounds; 400 Pounds; 2148 Pounds; 1225 Pounds; 150 Pounds; 513 Pounds; 450 Pounds; 250 Pounds; 2255 Pounds; 400 Pounds; 100 Pounds; 1000 Pounds; 802 Pounds; 750 Pounds; 1500 Pounds; 200 Pounds; 4620 Pounds; 500 Pounds
1991: 4620 Pounds; 800 Pounds; 790 Pounds; 250 Pounds; 1805 Pounds; 350 Pounds; 450 Pounds; 360 Pounds; 2365 Pounds; 250 Pounds; 1500 Pounds; 400 Pounds; 1115 Pounds; 500 Pounds; 5700 Pounds; 1500 Pounds; 500 Pounds; 1200 Pounds; 400 Pounds; 150 Pounds; 800 Pounds; 2335 Pounds; 6615 Pounds; 1080 Pounds; 950 Pounds; 150 Pounds; 600 Pounds; 150 Pounds; 200 Pounds; 1500 Pounds; 100 Pounds; 750 Pounds; 1402 Pounds; 1500 Pounds; 500 Pounds; 200 Pounds; 250 Pounds; 400 Pounds; 250 Pounds; 600 Pounds; 2690 Pounds; 2500 Pounds; 300 Pounds; 450 Pounds; 657 Pounds; 3250 Pounds; 846 Pounds; 3150 Pounds; 425 Pounds; 740 Pounds; 920 Pounds; 1500 Pounds; 250 Pounds; 800 Pounds; 1200 Pounds; 1490 Pounds; 1890 Pounds; 300 Pounds; 1000 Pounds; 950 Pounds; 750 Pounds; 350 Pounds; 1000 Pounds; 155 Pounds; 250 Pounds; 100 Pounds; 450 Pounds; 250 Pounds; 1000 Pounds; 250 Pounds; 1200 Pounds; 1000 Pounds; 800 Pounds; 1200 Pounds; 150 Pounds; 1750 Pounds; 2050 Pounds; 400 Pounds; 800 Pounds; 300 Pounds; 300 Pounds; 834 Pounds; 1650 Pounds; 1500 Pounds; 3000 Pounds; 200 Pounds; 150 Pounds; 1750 Pounds; 825 Pounds; 1115 Pounds; 2468 Pounds; 500 Pounds; 190 Pounds; 190 Pounds; 600 Pounds; 3850 Pounds; 2090 Pounds; 950 Pounds; 2750 Pounds; 750 Pounds; 400 Pounds; 750 Pounds; 230 Pounds; 800 Pounds; 1000 Pounds; 4830 Pounds; 1850 Pounds; 1730 Pounds; 2820 Pounds; 175 Pounds; 1200 Pounds; 11205 Pounds; 216 Pounds; 637 Pounds; 250 Pounds; 3520 Pounds; 5000 Pounds; 2000 Pounds; 1750 Pounds; 1250 Pounds; 2000 Pounds; 250 Pounds; 750 Pounds; 200 Pounds; 400 Pounds; 900 Pounds; 1000 Pounds; 400 Pounds; 160 Pounds; 600 Pounds; 2285 Pounds; 950 Pounds; 175 Pounds; 1075 Pounds; 1750 Pounds; 1800 Pounds; 400 Pounds; 750 Pounds; 1000 Pounds; 450 Pounds; 1777 Pounds; 469 Pounds; 2435 Pounds; 800 Pounds; 490 Pounds; 250 Pounds; 200 Pounds; 426 Pounds; 2700 Pounds; 85 Pounds; 410 Pounds; 750 Pounds; 750 Pounds; 1250 Pounds; 400 Pounds; 500 Pounds; 190 Pounds; 2245 Pounds; 2100 Pounds; 250 Pounds; 450 Pounds; 200 Pounds; 2475 Pounds; 1000 Pounds; 400 Pounds; 500 Pounds; 1026 Pounds; 444 Pounds; 500 Pounds; 2800 Pounds; 250 Pounds; 1080 Pounds; 200 Pounds; 250 Pounds; 600 Pounds; 600 Pounds; 1000 Pounds; 500 Pounds; 250 Pounds; 3300 Pounds; 150 Pounds; 300 Pounds; 2035 Pounds; 250 Pounds; 500 Pounds; 250 Pounds; 150 Pounds; 443 Pounds; 400 Pounds; 1250 Pounds; 750 Pounds; 400 Pounds; 85 Pounds; 2750 Pounds; 2485 Pounds; 1750 Pounds; 1531 Pounds; 3000 Pounds; 1275 Pounds; 3300 Pounds; 600 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 600 Pounds; 600 Pounds; 600 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 2250 Pounds; 750 Pounds; 1250 Pounds; 1500 Pounds; 1000 Pounds; 2000 Pounds; 2057 Pounds; 400 Pounds; 803 Pounds; 600 Pounds; 450 Pounds; 500 Pounds; 500 Pounds
1992: 250 Pounds; 1000 Pounds; 1410 Pounds; 1590 Pounds; 200 Pounds; 200 Pounds; 220 Pounds; 6621 Pounds; 4479 Pounds; 3225 Pounds; 250 Pounds; 756 Pounds; 1250 Pounds; 1750 Pounds; 6600 Pounds; 2575 Pounds; 3715 Pounds; 3800 Pounds; 400 Pounds; 150 Pounds; 3250 Pounds; 350 Pounds; 1250 Pounds; 2000 Pounds; 805 Pounds; 400 Pounds; 125 Pounds; 2200 Pounds; 105 Pounds; 1000 Pounds; 300 Pounds; 260 Pounds; 220 Pounds; 150 Pounds; 2540 Pounds; 1260 Pounds; 4200 Pounds; 500 Pounds; 1200 Pounds; 150 Pounds; 1250 Pounds; 1317 Pounds; 1200 Pounds; 2420 Pounds; 500 Pounds; 150 Pounds; 500 Pounds; 200 Pounds; 500 Pounds; 2310 Pounds; 300 Pounds; 150 Pounds; 400 Pounds; 500 Pounds; 250 Pounds; 800 Pounds; 2550 Pounds; 500 Pounds; 2000 Pounds; 1500 Pounds; 1000 Pounds; 250 Pounds; 1134 Pounds; 2480 Pounds; 1000 Pounds; 600 Pounds; 400 Pounds; 400 Pounds; 75 Pounds; 1926 Pounds; 218 Pounds; 500 Pounds; 1000 Pounds; 2150 Pounds; 1750 Pounds; 250 Pounds; 100 Pounds; 500 Pounds; 1250 Pounds; 2400 Pounds; 1071 Pounds; 2000 Pounds; 450 Pounds; 2000 Pounds; 100 Pounds; 235 Pounds; 200 Pounds; 900 Pounds; 500 Pounds; 350 Pounds; 400 Pounds; 1200 Pounds; 3500 Pounds; 1250 Pounds; 750 Pounds; 2750 Pounds; 1600 Pounds; 2195 Pounds; 250 Pounds; 100 Pounds; 565 Pounds; 275 Pounds; 250 Pounds; 700 Pounds; 1250 Pounds; 250 Pounds; 2250 Pounds; 1000 Pounds; 1400 Pounds; 1200 Pounds; 1800 Pounds; 2230 Pounds; 300 Pounds; 750 Pounds; 600 Pounds; 1396 Pounds; 2254 Pounds; 1250 Pounds; 900 Pounds; 352 Pounds; 800 Pounds; 800 Pounds; 500 Pounds; 250 Pounds; 3425 Pounds; 900 Pounds; 150 Pounds; 100 Pounds; 7095 Pounds; 10871 Pounds; 250 Pounds; 150 Pounds; 2310 Pounds; 1600 Pounds; 1200 Pounds; 2250 Pounds; 375 Pounds; 600 Pounds; 1500 Pounds; 3000 Pounds; 300 Pounds; 840 Pounds; 1250 Pounds; 11220 Pounds; 9240 Pounds; 300 Pounds; 210 Pounds; 200 Pounds; 1000 Pounds; 3885 Pounds; 300 Pounds; 200 Pounds; 600 Pounds; 1500 Pounds; 100 Pounds; 250 Pounds; 465 Pounds; 2950 Pounds; 800 Pounds; 3250 Pounds; 369 Pounds; 700 Pounds; 2000 Pounds; 1750 Pounds; 3089 Pounds; 350 Pounds; 600 Pounds; 1500 Pounds; 450 Pounds; 300 Pounds; 1306 Pounds; 1000 Pounds; 250 Pounds; 1500 Pounds
1993: 200 Pounds; 2566 Pounds

Manifest Information

Waste Code(s):

R002: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1992: 2400 Pounds

Manifest Information

Waste Code(s):

R006: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 1000 Pounds; 1354 Pounds; 423 Pounds; 146 Pounds; 676 Pounds; 750 Pounds; 850 Pounds; 757 Pounds; 175 Pounds
1986: 750 Pounds; 1625 Pounds; 8 Pounds; 600 Pounds; 734 Pounds; 300 Pounds; 500 Pounds; 600 Pounds; 350 Pounds; 1675 Pounds; 804 Pounds; 1800 Pounds; 825 Pounds; 150 Pounds; 270 Pounds; 1170 Pounds; 440 Pounds; 1110 Pounds; 1900 Pounds; 1301 Pounds; 787 Pounds; 916 Pounds; 370 Pounds; 1400 Pounds; 1775 Pounds; 250 Pounds; 53 Pounds; 1300 Pounds; 650 Pounds; 270 Pounds; 825 Pounds; 300 Pounds; 1025 Pounds; 1165 Pounds; 1200 Pounds; 500 Pounds; 1000 Pounds; 150 Pounds; 1253 Pounds; 2475 Pounds; 250 Pounds; 150 Pounds
1987: 1200 Pounds; 91 Pounds; 898 Pounds; 98 Pounds; 294 Pounds; 380 Pounds; 1000 Pounds; 200 Pounds; 170 Pounds; 564 Pounds; 1500 Pounds
1988: 883 Pounds; 794 Pounds

Manifest Information

Waste Code(s):

U001: (75-07-0) Acetaldehyde (I)

Waste Received By Year:

1986: 1200 Pounds
1998: 200 Pounds
2000: 1 Pounds
2001: 1 Pounds
2002: 1 Pounds

Manifest Information

Waste Code(s):

U002: (67-64-1) 2-Propanone (I)

Waste Received By Year:

1988: 290 Pounds
1991: 480 Pounds
1998: 166 Pounds
1999: 1 Pounds
2001: 6 Gallons
2003: 55 Gallons

Manifest Information

Waste Code(s):

U003: (75-05-8) Acetonitrile (I,T)

Waste Received By Year:

1991: 80 Pounds
1993: 400 Pounds
1998: 150 Pounds
2001: 2 Pounds
2003: 15 Pounds

Manifest Information

Waste Code(s):

U004: (98-86-2) Acetophenone

Waste Received By Year:

1999: 20 Pounds

Manifest Information

Waste Code(s):

U006: (75-36-5) Acetyl chloride (C,R,T)

Waste Received By Year:

1988: 25 Pounds; 1 Pounds; 25 Pounds
1992: 30360 Pounds
2002: 10 Pounds

Manifest Information

Waste Code(s):

U021: (92-87-5) Benzidine

Waste Received By Year:

1984: 120 Pounds; 350 Pounds; 1190 Pounds; 500 Pounds; 1450 Pounds; 385 Pounds; 700 Pounds; 1470 Pounds; 180 Pounds; 1925 Pounds; 50 Pounds
1985: 35 Pounds; 70 Pounds; 40 Pounds; 1155 Pounds; 1020 Pounds; 1365 Pounds; 100 Pounds; 400 Pounds; 100 Pounds; 250 Pounds; 250 Pounds; 120 Pounds; 120 Pounds; 30 Pounds; 35 Pounds; 3900 Pounds; 560 Pounds; 200 Pounds; 160 Pounds; 1400 Pounds; 700 Pounds; 300 Pounds; 1890 Pounds; 1365 Pounds
1986: 1060 Pounds; 80 Pounds; 920 Pounds; 80 Pounds; 80 Pounds; 120 Pounds; 500 Pounds; 80 Pounds; 120 Pounds; 1365 Pounds; 120 Pounds; 1190 Pounds; 250 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 570 Pounds
1987: 800 Pounds; 2325 Pounds; 600 Pounds; 150 Pounds; 180 Pounds
1988: 180 Pounds; 80 Pounds; 25 Pounds; 40 Pounds; 250 Pounds; 200 Pounds; 225 Pounds; 120 Pounds; 100 Pounds; 150 Pounds; 250 Pounds
1989: 640 Pounds; 750 Pounds
1990: 200 Pounds; 50 Pounds

Manifest Information

Waste Code(s):

U022: (50-32-8) Benzo[a]pyrene

Waste Received By Year:

1986: 320 Pounds; 480 Pounds
1987: 100 Pounds

Manifest Information

Waste Code(s):

U031: (71-36-3) 1-Butanol (I)

Waste Received By Year:

1989: 250 Pounds

1990: 250 Pounds
1991: 400 Pounds

Manifest Information

Waste Code(s):

U037: (108-90-7) Benzene, chloro-

Waste Received By Year:

1988: 50 Pounds; 250 Pounds

Manifest Information

Waste Code(s):

U044: (67-66-3) Methane, trichloro-

Waste Received By Year:

1984: 120 Pounds; 100 Pounds; 450 Pounds; 320 Pounds
1985: 20000 Pounds; 40 Pounds; 440 Pounds; 80 Pounds; 800 Pounds; 440 Pounds; 320 Pounds; 280 Pounds; 240 Pounds; 80 Pounds; 20 Pounds; 80 Pounds
1986: 120 Pounds; 560 Pounds; 560 Pounds; 40 Pounds; 540 Pounds; 690 Pounds; 30 Pounds; 280 Pounds; 1040 Pounds; 200 Pounds; 120 Pounds; 10 Pounds; 720 Pounds; 160 Pounds; 180 Pounds; 780 Pounds; 360 Pounds; 120 Pounds; 200 Pounds; 360 Pounds; 60 Pounds; 120 Pounds; 520 Pounds; 180 Pounds; 280 Pounds; 180 Pounds; 360 Pounds; 280 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 90 Pounds; 80 Pounds; 90 Pounds; 160 Pounds; 510 Pounds; 40 Pounds; 520 Pounds; 440 Pounds; 90 Pounds; 180 Pounds; 120 Pounds; 240 Pounds; 480 Pounds; 400 Pounds; 800 Pounds; 600 Pounds; 200 Pounds; 150 Pounds; 200 Pounds; 160 Pounds; 120 Pounds; 90 Pounds; 30 Pounds; 560 Pounds; 320 Pounds; 600 Pounds; 120 Pounds; 720 Pounds; 210 Pounds; 200 Pounds; 200 Pounds; 420 Pounds; 1040 Pounds; 600 Pounds; 200 Pounds; 30 Pounds; 800 Pounds; 50 Pounds; 40 Pounds; 270 Pounds; 1080 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 120 Pounds; 90 Pounds; 80 Pounds; 320 Pounds; 1000 Pounds; 280 Pounds; 80 Pounds; 200 Pounds; 60 Pounds; 280 Pounds; 320 Pounds; 500 Pounds; 80 Pounds; 300 Pounds; 150 Pounds; 40 Pounds; 360 Pounds; 200 Pounds; 900 Pounds; 400 Pounds; 480 Pounds; 200 Pounds; 300 Pounds; 680 Pounds; 200 Pounds; 30 Pounds; 40 Pounds; 120 Pounds; 360 Pounds; 120 Pounds; 780 Pounds; 120 Pounds; 760 Pounds
1987: 180 Pounds; 720 Pounds; 90 Pounds; 60 Pounds; 500 Pounds; 540 Pounds; 810 Pounds; 330 Pounds; 40 Pounds; 30 Pounds; 240 Pounds; 600 Pounds; 30 Pounds; 440 Pounds; 30 Pounds; 30 Pounds; 100 Pounds; 250 Pounds; 280 Pounds; 120 Pounds; 120 Pounds; 90 Pounds; 10 Pounds; 200 Pounds; 60 Pounds; 120 Pounds; 680 Pounds; 90 Pounds; 60 Pounds; 60 Pounds; 30 Pounds; 280 Pounds; 30 Pounds; 150 Pounds; 860 Pounds; 180 Pounds; 540 Pounds; 280 Pounds; 180 Pounds; 80 Pounds; 160 Pounds; 250 Pounds; 880 Pounds; 200 Pounds; 40 Pounds; 210 Pounds; 160 Pounds; 150 Pounds; 240 Pounds; 660 Pounds; 240 Pounds; 180 Pounds; 80 Pounds; 30 Pounds; 560 Pounds; 30 Pounds; 180 Pounds; 90 Pounds; 400 Pounds; 120 Pounds; 30 Pounds; 200 Pounds; 520 Pounds; 100 Pounds; 80 Pounds; 150 Pounds; 90 Pounds; 120 Pounds; 60 Pounds; 30 Pounds; 30 Pounds; 320 Pounds; 55 Gallons; 300 Pounds; 600 Pounds; 160 Pounds; 180 Pounds; 480 Pounds; 200 Pounds; 1080 Pounds; 420 Pounds; 90 Pounds; 120 Pounds; 160 Pounds; 870 Pounds; 30 Pounds; 480 Pounds; 80 Pounds; 210 Pounds; 330 Pounds; 80 Pounds; 280 Pounds; 160 Pounds; 40 Pounds; 330 Pounds; 80 Pounds; 60 Pounds; 720 Pounds; 250 Pounds; 360 Pounds; 400 Pounds; 90 Pounds; 570 Pounds; 40 Pounds; 240 Pounds; 640 Pounds; 300 Pounds; 510 Pounds; 210 Pounds; 60 Pounds; 30 Pounds; 1440 Pounds; 250 Pounds; 800 Pounds; 90 Pounds; 90 Pounds; 160 Pounds; 30 Pounds; 240 Pounds; 420 Pounds; 990 Pounds; 210 Pounds; 150 Pounds; 30 Pounds; 180 Pounds; 90 Pounds; 25 Pounds; 60 Pounds; 570 Pounds; 500 Pounds; 360 Pounds; 800 Pounds; 210 Pounds; 60 Pounds; 40 Pounds; 300 Pounds; 120 Pounds; 200 Pounds; 280 Pounds; 200 Pounds; 690 Pounds; 390 Pounds; 600 Pounds; 750 Pounds; 60 Pounds; 80 Pounds; 840 Pounds; 200 Pounds; 360 Pounds; 400 Pounds; 360 Pounds; 390 Pounds; 880 Pounds; 480 Pounds; 920 Pounds; 180 Pounds; 300 Pounds; 60 Pounds; 760 Pounds; 40 Pounds; 30 Pounds; 275 Pounds; 320 Pounds; 120 Pounds; 40 Pounds; 120 Pounds; 120 Pounds; 40 Pounds; 40 Pounds; 360 Pounds; 200 Pounds; 40 Pounds; 300 Pounds; 120 Pounds; 30 Pounds; 30 Pounds; 800 Pounds; 810 Pounds; 90 Pounds; 120 Pounds; 240 Pounds; 30 Pounds; 1200 Pounds; 40 Pounds; 40 Pounds; 120 Pounds; 300 Pounds; 840 Pounds; 240 Pounds; 150 Pounds; 480 Pounds; 760 Pounds; 680 Pounds; 80 Pounds; 150 Pounds; 40 Pounds; 80 Pounds; 30 Pounds; 30 Pounds
1988: 160 Pounds; 1000 Pounds; 80 Pounds; 280 Pounds; 400 Pounds; 40 Pounds; 150 Pounds; 120 Pounds; 280 Pounds; 750 Pounds; 600 Pounds; 120 Pounds; 180 Pounds; 60 Pounds; 240 Pounds; 120 Pounds; 240 Pounds; 50 Pounds; 560 Pounds; 100 Pounds; 120 Pounds; 25 Pounds; 600 Pounds; 200 Pounds; 150 Pounds; 80 Pounds; 280 Pounds; 20 Pounds; 280 Pounds; 600 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 360 Pounds; 250 Pounds; 100 Pounds; 40 Pounds; 30 Pounds; 280 Pounds; 1750 Pounds; 250 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 240 Pounds; 80 Pounds; 240 Pounds
1989: 80 Pounds; 240 Pounds; 800 Pounds; 1200 Pounds; 20 Pounds; 250 Pounds; 80 Pounds; 30 Pounds; 150 Pounds; 90 Pounds
1990: 500 Pounds; 500 Pounds; 400 Pounds; 500 Pounds; 400 Pounds; 120 Pounds; 500 Pounds; 270 Pounds; 250 Pounds; 30 Pounds; 60 Pounds
1991: 700 Pounds; 250 Pounds
1992: 40 Pounds
1993: 480 Pounds; 160 Pounds; 160 Pounds
1995: 280 Pounds; 440 Pounds; 40 Pounds
1997: 15 Pounds
1998: 15 Pounds; 6 Pounds; 30 Gallons
1999: 40 Pounds
2000: 100 Pounds; 25 Pounds

2001: 25 Pounds
2002: 4 Pounds; 55 Gallons; 3 Pounds
2005: 1 Pounds

Manifest Information

Waste Code(s):

U046: (107-30-2) Methane, chloromethoxy-

Waste Received By Year:

2002: 1 Pounds

Manifest Information

Waste Code(s):

U048: (95-57-8) Phenol, 2-chloro-

Waste Received By Year:

1987: 200 Pounds
2004: 10 Pounds

Manifest Information

Waste Code(s):

U050: (218-01-9) Chrysene

Waste Received By Year:

1988: 50 Pounds
1999: 10 Pounds
2001: 400 Pounds; 5 Pounds; 1600 Pounds

Manifest Information

Waste Code(s):

U051: Creosote

Waste Received By Year:

1989: 250 Pounds; 400 Pounds
1992: 400 Pounds
2001: 2400 Pounds; 11600 Pounds; 800 Pounds

Manifest Information

Waste Code(s):

U052: (1319-77-3) Phenol, methyl-

Waste Received By Year:

1989: 100 Pounds; 100 Pounds
1990: 250 Pounds
1992: 1600 Pounds
1996: 40 Pounds

1997: 23200 Pounds
2000: 2 Pounds
2001: 400 Pounds

Manifest Information

Waste Code(s):

U053: (4170-30-3) 2-Butenal

Waste Received By Year:

1998: 3 Pounds
2001: 15 Pounds
2002: 2 Pounds
2004: 100 Pounds

Manifest Information

Waste Code(s):

U055: (98-82-8) Benzene, (1-methylethyl)- (I)

Waste Received By Year:

1987: 2400 Pounds
2000: 400 Pounds

Manifest Information

Waste Code(s):

B001: (Wastes containing polychlorinated biphenyls (PCBs)) PCB oil (concentrated) from transformers, capacitors, etc.

Waste Received By Year:

1980/1981: 400 Pounds
1990: 5035 Pounds
1991: 250 Pounds

Manifest Information

Waste Code(s):

B009: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1982: 1200 Pounds

Manifest Information

Waste Code(s):

CR04: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1988: 500 Pounds
1989: 400 Pounds; 400 Pounds; 400 Pounds; 4000 Pounds

Manifest Information

Waste Code(s):

D000: DESCRIPTION (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1980/1981: 3240 Pounds; 500 Gallons; 1267 Pounds; 64 Pounds; 490 Pounds; 3200 Gallons; 70 Pounds; 1200 Pounds; 850 Pounds; 1100 Pounds; 900 Pounds; 1750 Pounds; 350 Pounds; 700 Pounds; 1400 Pounds; 100 Pounds; 210 Pounds; 370 Pounds; 136 Pounds; 117 Pounds; 55 Pounds; 100 Pounds; 82 Pounds; 420 Pounds; 650 Pounds; 300 Pounds; 210 Pounds; 400 Pounds; 200 Pounds; 100 Pounds; 225 Pounds; 420 Pounds; 400 Pounds; 50 Pounds; 1720 Pounds; 600 Pounds; 210 Pounds; 50 Pounds; 70 Pounds; 70 Pounds; 310 Pounds; 140 Pounds; 60 Pounds; 70 Pounds; 9700 Pounds; 520 Pounds; 7050 Pounds; 400 Pounds; 300 Pounds; 200 Pounds; 630 Pounds; 70 Gallons; 350 Pounds; 280 Pounds; 2500 Pounds; 900 Pounds; 500 Pounds; 150 Pounds; 100 Gallons; 1900 Pounds; 100 Pounds; 650 Pounds; 3800 Pounds; 70 Pounds; 2000 Pounds; 80 Pounds; 1700 Pounds; 1820 Pounds; 100 Gallons; 1275 Pounds; 70 Pounds; 90 Pounds; 100 Pounds; 400 Pounds; 420 Pounds; 1900 Gallons; 70 Pounds; 200 Pounds; 300 Pounds; 60 Pounds; 70 Pounds; 105 Pounds; 75 Pounds; 74 Pounds; 70 Pounds; 270 Pounds; 300 Gallons; 280 Pounds; 470 Pounds; 500 Pounds; 240 Pounds; 400 Pounds; 140 Pounds; 100 Gallons; 990 Pounds; 150 Pounds; 400 Pounds; 7050 Pounds; 1250 Pounds; 1000 Pounds; 1000 Pounds; 400 Pounds; 50 Pounds; 70 Pounds; 1600 Pounds; 840 Pounds; 800 Pounds; 70 Pounds; 590 Pounds; 350 Pounds; 840 Pounds; 440 Pounds; 350 Pounds; 50 Pounds; 140 Pounds; 70 Pounds; 700 Pounds; 210 Pounds; 500 Pounds; 70 Pounds; 350 Pounds; 106 Pounds; 190 Pounds; 6220 Pounds; 140 Gallons; 140 Pounds; 70 Pounds; 210 Pounds; 490 Pounds; 300 Pounds; 350 Pounds; 200 Pounds; 200 Pounds; 250 Pounds; 100 Pounds; 280 Pounds; 1610 Pounds; 4400 Pounds; 2070 Pounds; 3600 Pounds; 500 Pounds; 3600 Pounds; 3040 Pounds; 140 Pounds; 70 Pounds; 150 Pounds; 50 Gallons; 40 Pounds; 1000 Pounds; 100 Pounds; 70 Pounds; 70 Pounds; 500 Pounds; 600 Pounds; 12600 Pounds; 400 Pounds; 150 Pounds; 700 Pounds; 350 Pounds; 700 Cubic yards; 2870 Pounds; 180 Pounds; 400 Pounds; 150 Cubic yards; 300 Pounds; 210 Pounds; 70 Pounds; 400 Pounds; 400 Pounds; 172 Pounds; 400 Pounds; 500 Pounds; 5100 Pounds; 70 Pounds; 1200 Pounds; 900 Pounds; 70 Pounds; 1350 Pounds; 1500 Pounds; 360 Pounds; 70 Pounds; 2140 Pounds; 6260 Pounds; 2250 Pounds; 400 Pounds; 3100 Pounds; 400 Pounds; 300 Pounds; 560 Pounds; 140 Pounds; 70 Pounds; 70 Pounds; 1120 Pounds; 32 Pounds; 140 Pounds; 210 Pounds; 1720 Pounds; 70 Pounds; 210 Pounds; 700 Pounds; 400 Pounds; 140 Pounds; 1300 Pounds; 400 Pounds
1982: 460 Pounds; 400 Pounds; 490 Pounds; 140 Pounds; 3000 Pounds; 140 Pounds; 210 Pounds; 500 Pounds; 2450 Pounds; 120 Pounds; 800 Pounds; 350 Pounds; 250 Pounds; 1530 Pounds; 350 Pounds; 150 Pounds; 3010 Pounds; 70 Pounds; 930 Pounds; 140 Pounds; 125 Pounds; 100 Pounds; 9210 Pounds; 70 Pounds; 210 Pounds; 840 Pounds; 50 Pounds; 740 Pounds; 40 Pounds; 100 Pounds; 140 Pounds; 350 Pounds; 140 Pounds; 400 Pounds; 550 Pounds; 1100 Pounds; 210 Pounds; 150 Pounds; 4050 Pounds; 2600 Pounds; 650 Pounds; 300 Pounds; 200 Pounds; 320 Pounds; 150 Pounds; 350 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 350 Pounds; 140 Pounds; 420 Pounds; 700 Pounds; 650 Pounds; 50 Pounds; 363 Pounds; 50 Pounds; 50 Pounds; 560 Pounds; 200 Pounds; 30 Pounds; 70 Pounds; 50 Pounds; 140 Pounds; 280 Pounds; 800 Pounds; 150 Pounds; 540 Pounds; 400 Pounds; 680 Pounds; 300 Pounds; 4200 Pounds; 470 Pounds; 210 Pounds; 350 Pounds; 140 Pounds; 350 Pounds; 1260 Pounds; 200 Pounds; 240 Pounds; 3250 Pounds; 210 Pounds; 150 Pounds; 210 Pounds; 420 Pounds; 200 Pounds; 70 Pounds; 210 Pounds; 700 Pounds; 1000 Pounds; 450 Pounds; 50 Pounds; 50 Pounds; 250 Pounds; 70 Pounds; 140 Pounds; 70 Pounds; 280 Pounds; 800 Pounds; 1200 Pounds; 400 Pounds; 420 Pounds; 140 Pounds; 560 Pounds; 350 Pounds; 300 Pounds; 210 Pounds; 50 Pounds; 420 Pounds; 140 Pounds; 1300 Pounds; 475 Pounds; 2540 Pounds; 1050 Pounds; 150 Pounds; 70 Pounds; 50 Pounds; 560 Pounds; 350 Pounds; 10 Pounds; 150 Pounds; 140 Pounds; 950 Pounds; 1050 Pounds; 50 Pounds; 2000 Pounds; 1715 Pounds; 230 Pounds; 250 Pounds; 300 Pounds; 790 Cubic yards; 70 Pounds; 450 Pounds; 100 Pounds; 80 Pounds; 100 Pounds; 1000 Pounds; 50 Pounds; 1800 Pounds; 280 Pounds; 50 Pounds; 450 Pounds; 70 Pounds; 200 Pounds; 560 Pounds; 100 Pounds; 140 Pounds; 800 Pounds; 2690 Pounds; 70 Pounds; 50 Pounds; 1600 Pounds; 100 Pounds; 1 Pounds; 1190 Pounds; 630 Pounds; 250 Pounds; 450 Pounds; 50 Pounds; 100 Pounds; 100 Pounds; 2960 Pounds; 600 Pounds; 450 Pounds; 600 Pounds; 910 Pounds; 8600 Pounds; 770 Pounds; 140 Pounds; 2860 Pounds; 1800 Pounds; 1110 Pounds; 1100 Pounds; 50 Pounds; 300 Pounds; 75 Pounds; 150 Pounds; 50 Pounds; 75 Pounds; 770 Pounds; 860 Pounds; 100 Pounds; 4000 Pounds; 800 Pounds; 100 Pounds; 2850 Pounds; 600 Pounds; 1850 Pounds; 1500 Pounds; 300 Pounds; 1500 Pounds; 4800 Pounds; 800 Pounds; 2900 Pounds; 225 Pounds; 185 Pounds; 75 Pounds; 3390 Pounds; 1570 Pounds; 680 Pounds; 5300 Pounds; 1610 Pounds; 1690 Gallons; 30 Pounds
1983: 250 Pounds; 150 Pounds; 50 Pounds; 500 Pounds; 200 Pounds; 100 Pounds; 400 Pounds; 50 Pounds; 1400 Pounds; 900 Pounds; 1800 Pounds; 1750 Pounds; 165 Pounds; 100 Pounds; 950 Pounds; 125 Pounds; 150 Pounds; 1640 Pounds; 280 Pounds; 120 Pounds; 50 Pounds; 50 Pounds; 3240 Pounds; 150 Pounds; 1460 Pounds; 200 Pounds; 225 Pounds; 50 Pounds; 100 Pounds; 10 Pounds; 450 Pounds; 400 Pounds; 700 Pounds; 400 Pounds; 1125 Pounds; 100 Pounds; 100 Pounds; 30 Pounds; 300 Pounds; 2750 Pounds; 100 Pounds; 500 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 7200 Pounds; 430 Pounds; 150 Pounds; 1160 Pounds; 600 Pounds; 800 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 190 Pounds; 1650 Pounds; 400 Pounds; 100 Pounds; 200 Pounds; 500 Pounds; 150 Pounds; 150 Pounds; 600 Pounds; 300 Pounds; 150 Pounds; 290 Pounds; 500 Pounds; 50 Pounds; 50 Pounds; 500 Pounds; 80 Pounds; 1050 Pounds; 200 Pounds; 150 Pounds; 900 Pounds; 600 Pounds; 300 Pounds; 150 Pounds; 200 Pounds; 2300 Pounds; 800 Pounds; 350 Pounds; 3300 Pounds; 7800 Pounds; 50 Pounds; 580 Pounds; 100 Pounds; 100 Pounds; 150 Pounds; 850 Pounds; 150 Pounds; 700 Pounds; 100 Pounds; 450 Pounds; 250 Pounds; 450 Pounds; 500 Pounds; 950 Pounds; 5280 Pounds; 18 Pounds; 400 Pounds; 15 Pounds; 400 Pounds; 100 Pounds; 150 Pounds; 550 Pounds; 3300 Pounds; 350 Pounds; 2300 Pounds; 200 Pounds; 2800 Pounds; 400 Pounds; 250 Pounds; 50 Pounds; 250 Pounds; 200 Pounds; 50 Pounds; 200 Pounds; 650 Pounds; 200 Pounds; 900 Pounds; 130 Pounds; 100 Pounds; 3000 Pounds; 1700 Pounds; 1800 Pounds; 100 Pounds; 4800 Pounds; 280 Pounds; 1350 Pounds; 160 Pounds; 3600 Pounds; 200 Pounds; 240 Pounds; 120 Pounds; 250 Pounds; 800 Pounds; 2160 Pounds; 150 Pounds
1984: 1680 Pounds; 25 Pounds; 200 Pounds; 100 Pounds; 350 Pounds; 500 Pounds; 350 Pounds; 320 Pounds; 360 Pounds; 1800 Pounds; 200 Pounds
1985: 50 Pounds

Manifest Information

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1980/1981: 40 Pounds; 100 Pounds; 500 Pounds; 100 Pounds; 150 Gallons; 100 Pounds; 600 Pounds; 210 Pounds; 280 Pounds; 200 Pounds; 200 Pounds; 500 Pounds; 580 Pounds; 440 Pounds; 280 Pounds; 70 Pounds; 100 Pounds; 70 Pounds; 200 Pounds; 240 Pounds; 400 Pounds; 152 Pounds; 150 Gallons; 100 Pounds; 70 Pounds; 50 Pounds; 400 Pounds; 140 Pounds; 180 Pounds; 400 Pounds; 70 Pounds; 40 Pounds; 200 Pounds; 140 Pounds; 250 Gallons; 100 Pounds; 100 Pounds; 270 Pounds; 1050 Pounds; 140 Pounds; 140 Gallons; 1410 Pounds; 130 Pounds; 400 Pounds; 260 Pounds; 190 Pounds; 140 Pounds; 140 Pounds; 240 Pounds; 140 Pounds; 240 Gallons; 500 Pounds; 480 Pounds; 80 Pounds; 560 Pounds; 100 Pounds; 50 Pounds; 100 Pounds; 80 Gallons; 500 Pounds; 300 Pounds; 300 Pounds; 200 Gallons; 70 Pounds; 210 Pounds; 4000 Pounds; 2600 Pounds; 150 Pounds; 350 Pounds; 86 Pounds; 40 Pounds; 210 Pounds; 70 Pounds; 160 Pounds; 200 Pounds; 250 Pounds; 70 Pounds; 70 Pounds; 400 Pounds; 100 Pounds; 70 Pounds; 70 Pounds; 120 Pounds; 50 Pounds; 50 Pounds; 40 Pounds; 600 Pounds; 240 Pounds; 280 Pounds; 200 Pounds; 100 Pounds; 50 Pounds; 210 Pounds; 210 Pounds; 70 Pounds; 700 Pounds; 100 Pounds; 790 Pounds; 300 Pounds; 500 Pounds; 210 Pounds; 140 Pounds; 250 Pounds; 40 Pounds; 1300 Pounds; 70 Pounds; 50 Pounds; 190 Gallons; 3200 Pounds; 100 Pounds; 300 Pounds; 70 Pounds; 50 Pounds; 200 Pounds; 100 Pounds; 100 Pounds; 210 Pounds; 266 Pounds; 260 Pounds; 90 Pounds; 300 Pounds; 70 Pounds; 700 Pounds; 150 Pounds; 400 Gallons; 500 Pounds; 200 Pounds; 140 Pounds; 100 Pounds; 300 Pounds; 100 Pounds; 70 Pounds; 50 Pounds; 100 Pounds; 340 Pounds; 160 Pounds; 200 Pounds; 100 Pounds; 670 Pounds; 280 Pounds; 600 Pounds; 77 Pounds; 200 Pounds; 80 Pounds; 329 Pounds; 210 Pounds; 192 Pounds; 87 Pounds; 228 Pounds; 225 Pounds; 320 Pounds; 280 Pounds; 70 Pounds; 70 Pounds; 240 Gallons; 70 Pounds; 50 Gallons; 200 Pounds; 420 Pounds; 530 Pounds; 350 Pounds; 100 Pounds; 200 Pounds; 100 Gallons; 1200 Pounds; 1740 Pounds; 630 Pounds; 50 Pounds; 140 Pounds; 114 Pounds; 330 Pounds; 160 Pounds; 140 Pounds; 200 Pounds; 228 Pounds; 100 Pounds; 100 Pounds; 300 Pounds; 70 Pounds; 70 Pounds
1982: 2250 Pounds; 450 Pounds; 50 Pounds; 900 Pounds; 1700 Pounds; 70 Pounds; 1700 Pounds; 2450 Pounds; 150 Pounds; 50 Pounds; 320 Pounds; 700 Pounds; 50 Pounds; 210 Pounds; 500 Pounds; 260 Pounds; 20 Pounds; 180 Pounds; 50 Pounds; 150 Pounds; 1400 Pounds; 250 Pounds; 100 Pounds; 250 Pounds; 150 Pounds; 70 Pounds; 1600 Pounds; 20 Pounds; 70 Pounds; 1400 Pounds; 70 Pounds; 50 Pounds; 350 Pounds; 150 Pounds; 6750 Pounds; 70 Pounds; 50 Pounds; 50 Pounds; 450 Pounds; 20 Pounds; 50 Pounds; 120 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 550 Pounds; 800 Pounds; 200 Pounds; 500 Pounds; 980 Pounds; 1250 Pounds; 150 Pounds; 200 Pounds; 440 Pounds; 300 Pounds; 950 Pounds; 350 Pounds; 210 Pounds; 280 Pounds; 100 Pounds; 10 Pounds; 70 Pounds; 70 Pounds; 100 Pounds; 70 Pounds; 250 Pounds; 140 Pounds; 50 Pounds; 100 Pounds; 210 Pounds; 420 Pounds; 100 Pounds; 350 Pounds; 50 Pounds; 70 Pounds; 900 Pounds; 1200 Pounds; 270 Pounds; 70 Pounds; 100 Pounds; 200 Pounds; 210 Pounds; 420 Pounds; 2390 Pounds; 150 Pounds; 210 Pounds; 140 Pounds; 200 Pounds; 600 Pounds; 25 Pounds; 1800 Pounds; 200 Pounds; 140 Pounds; 1340 Pounds; 420 Pounds; 250 Pounds; 300 Pounds; 50 Pounds; 550 Pounds; 50 Pounds; 550 Pounds; 140 Pounds; 100 Pounds; 140 Pounds; 400 Pounds; 70 Pounds; 200 Pounds; 840 Pounds; 140 Pounds; 2350 Pounds; 70 Pounds; 40 Pounds; 1260 Pounds; 50 Pounds; 70 Pounds; 50 Pounds; 100 Pounds; 575 Pounds; 10 Pounds
1983: 1200 Pounds; 10 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 150 Pounds; 150 Pounds; 200 Pounds; 500 Pounds; 100 Pounds; 50 Pounds; 250 Pounds; 100 Pounds; 100 Pounds; 450 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 6900 Pounds; 860 Pounds; 2 Cubic yards; 300 Pounds; 30 Pounds; 200 Pounds; 500 Pounds; 100 Pounds; 200 Pounds; 200 Pounds; 300 Pounds; 450 Pounds; 450 Pounds; 100 Pounds; 150 Pounds; 150 Pounds; 400 Pounds; 100 Pounds; 150 Pounds; 600 Pounds; 50 Pounds; 50 Pounds; 300 Pounds; 150 Pounds; 300 Pounds; 1380 Pounds; 50 Pounds; 263 Pounds; 2000 Pounds; 150 Pounds; 50 Pounds; 50 Pounds; 250 Pounds; 50 Pounds; 150 Pounds; 100 Pounds; 100 Pounds; 350 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 100 Pounds; 150 Pounds; 200 Pounds; 300 Pounds; 500 Pounds; 170 Pounds; 3000 Pounds; 300 Pounds; 20 Pounds; 50 Pounds; 300 Pounds; 50 Pounds; 50 Pounds; 400 Pounds; 50 Pounds; 100 Pounds; 100 Pounds; 50 Pounds; 1200 Pounds; 352 Pounds; 50 Pounds; 500 Pounds; 1110 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 100 Pounds; 100 Pounds; 80 Pounds; 350 Pounds; 100 Pounds; 150 Pounds; 200 Pounds; 100 Pounds; 920 Pounds; 100 Pounds; 100 Pounds; 200 Pounds; 875 Pounds; 400 Pounds; 100 Pounds; 20 Pounds; 50 Pounds; 100 Pounds; 100 Pounds; 200 Pounds; 220 Pounds; 140 Pounds; 1200 Pounds; 200 Pounds; 50 Pounds; 150 Pounds; 600 Pounds; 200 Pounds; 100 Pounds; 150 Pounds; 500 Pounds; 400 Pounds; 150 Pounds; 50 Pounds; 150 Pounds; 150 Pounds; 250 Pounds; 300 Pounds; 20 Pounds; 250 Pounds; 245 Pounds; 200 Pounds; 300 Pounds
1984: 40 Pounds; 120 Pounds; 50 Pounds; 360 Pounds; 1 Pounds; 200 Pounds; 100 Pounds; 7820 Pounds; 200 Pounds; 2 Pounds; 40 Pounds; 240 Pounds; 240 Pounds; 1100 Pounds; 400 Pounds; 1000 Pounds; 250 Pounds; 50 Pounds; 56 Pounds; 600 Pounds; 1568 Pounds; 450 Pounds; 800 Pounds; 160 Pounds; 240 Gallons; 400 Pounds; 40 Pounds; 800 Pounds
1985: 150 Pounds; 280 Pounds; 40 Pounds; 25 Pounds; 25 Pounds; 40 Pounds; 80 Pounds; 400 Pounds; 25 Pounds; 360 Pounds; 120 Gallons; 250 Pounds; 200 Pounds; 28 Pounds; 55 Gallons; 50 Pounds; 400 Pounds; 200 Pounds; 520 Pounds; 4250 Pounds; 25 Pounds; 100 Pounds; 100 Pounds; 250 Pounds; 400 Pounds; 86 Pounds; 400 Pounds; 5 Pounds; 20 Pounds; 750 Pounds; 250 Pounds; 160 Pounds; 240 Pounds; 40 Pounds; 200 Pounds; 280 Pounds; 160 Pounds; 400 Pounds; 100 Pounds; 250 Pounds; 2 Pounds; 50 Pounds; 280 Pounds; 100 Pounds; 80 Pounds; 300 Pounds; 200 Pounds; 50 Pounds; 30 Pounds; 110 Gallons; 100 Pounds; 240 Pounds; 40 Pounds; 1500 Pounds; 40 Pounds; 5 Pounds; 500 Pounds; 200 Pounds; 160 Pounds; 400 Pounds; 160 Pounds; 1700 Pounds; 320 Pounds; 40 Pounds; 600 Pounds; 240 Pounds; 400 Pounds; 120 Pounds; 1830 Pounds; 80 Pounds; 1200 Pounds; 20 Pounds; 400 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 50 Pounds; 950 Pounds; 80 Pounds; 350 Pounds; 240 Pounds; 400 Pounds; 40 Pounds; 8 Pounds; 100 Pounds; 30 Pounds; 120 Pounds; 50 Pounds; 220 Pounds; 100 Pounds; 2400 Pounds; 100 Pounds; 50 Pounds; 75 Pounds; 100 Pounds; 240 Pounds; 800 Pounds; 500 Pounds; 120 Pounds; 80 Pounds; 50 Pounds; 1600 Pounds; 1600 Pounds
1986: 1040 Pounds; 60 Pounds; 20 Pounds; 520 Pounds; 360 Pounds; 200 Pounds; 150 Pounds; 180 Pounds; 90 Pounds; 720 Pounds; 120 Pounds; 80 Pounds; 120 Pounds; 80 Pounds; 950 Pounds; 60 Pounds; 160 Pounds; 800 Pounds; 40 Pounds; 120 Pounds; 100 Pounds; 320 Pounds; 120 Pounds; 160 Pounds; 1350 Pounds; 160 Pounds; 450 Pounds; 40 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 270 Pounds; 300 Pounds; 90 Pounds; 160 Pounds; 80 Pounds; 120 Pounds; 160 Pounds; 801 Pounds; 240 Pounds; 750 Pounds; 120 Pounds; 40 Pounds; 90 Pounds; 210 Pounds; 160 Pounds; 30 Pounds; 360 Pounds; 30 Pounds; 450 Pounds; 60 Pounds; 3440 Pounds; 200 Pounds; 440 Pounds; 200 Pounds; 320 Pounds; 12 Pounds; 605 Gallons; 30 Pounds; 400 Pounds; 50 Pounds; 40 Pounds; 400 Pounds; 280 Pounds; 440 Pounds; 250 Pounds; 60 Pounds; 160 Pounds; 160 Pounds; 320 Pounds; 200 Pounds; 120 Pounds; 80 Pounds; 400 Pounds; 60 Pounds; 240 Pounds; 40 Pounds; 5 Pounds; 200 Pounds; 900 Pounds; 240 Pounds; 280 Pounds; 440 Pounds; 210 Pounds; 1600 Pounds; 150 Pounds; 60 Pounds; 240 Pounds; 80 Pounds; 270 Pounds; 80 Pounds; 500 Pounds; 400 Pounds; 120 Pounds; 240 Pounds; 50 Pounds; 240 Pounds; 550 Pounds; 42 Pounds; 42 Pounds; 40 Pounds; 40 Pounds; 145 Pounds; 120 Pounds; 9 Pounds; 360 Pounds; 520 Pounds; 400 Pounds; 240 Pounds; 200 Pounds; 80 Pounds; 630 Pounds; 200 Pounds; 125 Pounds; 40 Pounds; 80 Pounds; 90 Pounds; 450 Pounds; 5 Pounds; 80 Pounds; 400 Pounds; 120 Pounds; 200 Pounds; 44 Pounds; 160 Pounds; 444 Pounds; 160 Pounds; 2 Pounds; 120 Pounds; 40 Pounds; 400 Pounds; 120 Pounds; 80 Pounds; 500 Pounds; 450 Pounds; 180 Pounds; 120 Pounds; 5 Pounds; 5 Pounds; 120 Pounds; 150 Pounds; 400 Pounds; 30 Pounds; 1800 Pounds; 30 Pounds; 1200 Pounds; 900 Pounds; 160 Pounds; 300 Pounds; 40 Pounds; 40 Pounds; 150 Pounds; 60 Pounds; 200 Pounds; 500 Pounds; 40 Pounds; 100 Pounds; 1400 Pounds; 1555 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 30 Pounds; 40 Pounds; 120 Pounds; 60 Pounds; 40 Pounds; 200 Pounds; 500 Pounds; 400 Pounds; 500 Pounds; 2500 Pounds; 20

Pounds; 30 Pounds; 100 Pounds; 40 Pounds; 80 Pounds; 450 Pounds; 30 Pounds; 80 Pounds; 160 Pounds; 80 Pounds; 80 Pounds; 800 Pounds; 25 Pounds; 120 Pounds; 240 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 15 Pounds; 100 Pounds; 10 Pounds; 80 Pounds; 10 Pounds; 500 Pounds; 3000 Pounds; 1200 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 200 Pounds; 1000 Pounds; 840 Pounds; 1400 Pounds; 300 Pounds; 160 Pounds; 20 Pounds; 150 Pounds; 40 Pounds; 100 Pounds; 100 Pounds; 25 Pounds; 80 Pounds; 300 Pounds; 200 Pounds; 300 Pounds; 320 Pounds; 800 Pounds; 1200 Pounds; 15 Pounds; 500 Pounds; 500 Pounds; 3200 Pounds; 200 Pounds; 1200 Pounds; 1725 Pounds; 30 Pounds; 250 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 150 Pounds; 280 Pounds; 640 Pounds; 40 Pounds; 200 Pounds; 103 Pounds; 750 Pounds; 7 Pounds; 40 Pounds; 360 Pounds; 3000 Pounds; 2400 Pounds; 400 Pounds; 1800 Pounds; 600 Pounds; 11200 Pounds; 4000 Pounds; 9000 Pounds; 75 Pounds; 400 Pounds; 40 Pounds; 405 Pounds; 450 Pounds; 225 Pounds; 100 Pounds; 120 Pounds; 4840 Pounds; 80 Pounds; 80 Pounds; 15 Pounds; 200 Pounds; 450 Pounds; 450 Pounds; 305 Pounds; 600 Pounds; 1350 Pounds; 200 Pounds; 1500 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 120 Pounds; 300 Pounds; 80 Pounds; 350 Pounds; 2145 Gallons; 200 Pounds; 750 Pounds; 25 Pounds; 280 Pounds; 3900 Pounds; 16 Pounds; 4400 Pounds; 300 Pounds; 40 Pounds; 90 Pounds; 1200 Pounds; 50 Pounds; 100 Pounds; 1200 Pounds; 500 Pounds; 5 Pounds; 495 Gallons; 200 Pounds; 405 Pounds; 7 Pounds; 2100 Pounds; 9500 Pounds; 225 Pounds; 600 Pounds; 120 Pounds; 40 Pounds; 70 Pounds; 40 Pounds; 330 Pounds; 40 Pounds; 200 Pounds; 90 Pounds; 110 Gallons; 210 Pounds; 850 Pounds; 240 Pounds; 800 Pounds; 160 Pounds; 600 Pounds; 200 Pounds; 100 Pounds; 300 Pounds; 80 Pounds; 120 Pounds; 60 Pounds; 240 Pounds; 2 Pounds; 150 Pounds; 80 Pounds; 330 Pounds; 1200 Pounds; 360 Pounds; 160 Pounds; 150 Pounds; 120 Pounds; 80 Pounds; 1350 Pounds; 1600 Pounds; 90 Pounds; 80 Pounds; 555 Pounds; 20 Pounds; 60 Pounds; 80 Pounds; 60 Pounds; 450 Pounds; 80 Pounds; 50 Pounds; 280 Pounds; 90 Pounds; 200 Pounds; 80 Pounds; 40 Pounds; 3000 Pounds; 80 Pounds; 80 Pounds; 280 Pounds; 120 Pounds; 600 Pounds; 150 Pounds; 20 Pounds; 240 Pounds; 150 Pounds; 210 Pounds; 250 Pounds; 30 Pounds; 80 Pounds; 40 Pounds; 10 Pounds; 80 Pounds; 1000 Pounds; 160 Pounds; 400 Pounds; 120 Pounds; 80 Pounds

1987: 250 Pounds; 3600 Pounds; 200 Pounds; 250 Pounds; 400 Pounds; 200 Pounds; 450 Pounds; 3600 Pounds; 40 Pounds; 120 Pounds; 160 Pounds; 400 Pounds; 110 Gallons; 4000 Pounds; 400 Pounds; 2000 Pounds; 120 Pounds; 25 Pounds; 360 Pounds; 25 Pounds; 55 Gallons; 400 Pounds; 250 Pounds; 1000 Pounds; 250 Pounds; 800 Pounds; 30 Pounds; 150 Pounds; 450 Pounds; 150 Pounds; 750 Pounds; 1100 Gallons; 60 Pounds; 400 Gallons; 120 Pounds; 40 Pounds; 250 Pounds; 2000 Pounds; 400 Pounds; 80 Pounds; 800 Pounds; 825 Pounds; 360 Pounds; 450 Pounds; 1200 Pounds; 10500 Pounds; 480 Pounds; 25 Pounds; 400 Pounds; 350 Pounds; 1500 Pounds; 60 Pounds; 110 Gallons; 1050 Pounds; 900 Pounds; 1000 Pounds; 90 Pounds; 150 Pounds; 160 Pounds; 250 Pounds; 250 Pounds; 30 Pounds; 10 Pounds; 100 Pounds; 40 Pounds; 2000 Pounds; 120 Pounds; 60 Pounds; 80 Pounds; 550 Pounds; 250 Pounds; 400 Pounds; 50 Pounds; 450 Pounds; 225 Pounds; 200 Pounds; 360 Pounds; 500 Pounds; 250 Pounds; 200 Pounds; 320 Pounds; 55 Gallons; 850 Pounds; 1350 Pounds; 320 Pounds; 400 Pounds; 1200 Pounds; 300 Pounds; 250 Pounds; 250 Pounds; 225 Pounds; 40 Pounds; 150 Pounds; 120 Pounds; 1500 Pounds; 400 Pounds; 60 Pounds; 1000 Pounds; 200 Pounds; 120 Pounds; 600 Pounds; 1000 Pounds; 240 Pounds; 80 Pounds; 270 Pounds; 3600 Pounds; 25 Pounds; 500 Pounds; 100 Pounds; 38500 Pounds; 25 Pounds; 18000 Pounds; 450 Pounds; 50 Pounds; 320 Pounds; 430 Pounds; 250 Pounds; 300 Pounds; 4800 Pounds; 480 Pounds; 120 Pounds; 40 Pounds; 30 Pounds; 6500 Pounds; 2250 Pounds; 500 Pounds; 900 Pounds; 400 Pounds; 1000 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 500 Pounds; 250 Pounds; 10000 Pounds; 250 Pounds; 750 Pounds; 160 Pounds; 800 Pounds; 25 Pounds; 8000 Pounds; 2800 Pounds; 25 Pounds; 1250 Pounds; 1250 Pounds; 25 Pounds; 5 Pounds; 800 Pounds; 250 Pounds; 150 Pounds; 1350 Pounds; 2400 Pounds; 200 Pounds; 800 Pounds; 400 Pounds; 250 Pounds; 5 Gallons; 6000 Pounds; 150 Pounds; 30 Pounds; 250 Pounds; 900 Pounds; 1400 Pounds; 40 Pounds; 360 Pounds; 350 Pounds; 1250 Pounds; 550 Gallons; 4800 Pounds; 100 Pounds; 1250 Pounds; 5550 Pounds; 800 Pounds; 250 Pounds; 1800 Pounds; 40 Pounds; 40 Pounds; 4500 Pounds; 750 Pounds; 150 Pounds; 250 Pounds; 6 Pounds; 30 Pounds; 80 Pounds; 1200 Pounds; 175 Pounds; 1100 Pounds; 800 Pounds; 500 Pounds; 300 Pounds; 750 Pounds; 450 Pounds; 400 Pounds; 900 Pounds; 500 Pounds; 200 Pounds; 14300 Pounds; 500 Pounds; 1 Pounds; 250 Pounds; 2400 Pounds; 500 Pounds; 800 Pounds; 280 Pounds; 300 Pounds; 750 Pounds; 50 Pounds; 700 Pounds; 500 Pounds; 150 Pounds; 400 Pounds; 160 Pounds; 400 Pounds; 250 Pounds; 250 Pounds; 40 Pounds; 30 Pounds; 40 Pounds; 400 Pounds; 200 Pounds; 90 Pounds; 300 Pounds; 500 Pounds; 400 Pounds; 55 Gallons; 480 Pounds; 500 Pounds; 250 Pounds; 2500 Pounds; 3200 Pounds; 500 Pounds; 430 Pounds; 300 Pounds; 10 Pounds; 2500 Pounds; 120 Pounds; 25 Pounds; 750 Pounds; 30 Pounds; 160 Pounds; 900 Pounds; 400 Pounds; 3 Pounds; 120 Pounds; 300 Pounds; 40 Pounds; 30 Pounds; 30 Pounds; 150 Pounds; 8000 Pounds; 20 Pounds; 250 Pounds; 250 Pounds; 900 Pounds; 7500 Pounds; 5850 Pounds; 225 Pounds; 800 Pounds; 1500 Pounds; 150 Pounds; 25 Pounds; 250 Pounds; 1600 Pounds; 100 Pounds; 150 Pounds; 750 Pounds; 1600 Pounds; 40 Gallons; 150 Pounds; 250 Pounds; 200 Pounds; 240 Pounds; 2000 Pounds; 120 Pounds; 300 Pounds; 450 Pounds; 300 Pounds; 385 Gallons; 10 Pounds; 150 Pounds; 240 Pounds; 180 Pounds; 650 Pounds; 1600 Pounds; 90 Pounds; 10 Pounds; 2000 Pounds; 90 Pounds; 300 Pounds; 800 Pounds; 400 Pounds; 1280 Pounds; 210 Pounds; 25 Pounds; 510 Gallons; 405 Pounds; 180 Pounds; 348 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 80 Pounds; 250 Pounds; 7 Pounds; 1000 Pounds; 120 Pounds; 225 Pounds; 200 Pounds; 40 Pounds; 250 Pounds; 500 Pounds; 750 Pounds; 320 Pounds; 10 Pounds; 80 Pounds; 150 Pounds; 40 Gallons; 1500 Pounds; 125 Pounds; 5 Pounds; 800 Pounds; 2290 Pounds; 250 Pounds; 25 Pounds; 90 Pounds; 1250 Pounds; 90 Pounds; 450 Pounds; 200 Pounds; 250 Pounds; 40 Pounds; 240 Pounds; 80 Pounds; 500 Pounds; 150 Pounds; 240 Pounds; 160 Pounds; 100 Pounds; 30 Pounds; 1500 Pounds; 120 Pounds; 240 Pounds; 55 Gallons; 120 Pounds; 60 Pounds; 200 Pounds; 25 Pounds; 300 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 60 Pounds; 25 Pounds; 30 Pounds; 60 Pounds; 60 Pounds; 400 Pounds; 1500 Pounds; 400 Pounds; 1000 Pounds; 150 Pounds; 80 Pounds; 30 Pounds; 30 Pounds; 60 Pounds; 20 Pounds; 450 Pounds; 750 Pounds; 400 Pounds; 150 Pounds; 25 Pounds; 150 Pounds; 30 Pounds; 960 Pounds; 800 Pounds; 250 Pounds; 2400 Pounds; 270 Pounds; 40 Pounds; 1200 Pounds; 800 Pounds; 800 Pounds; 450 Pounds; 400 Pounds; 25 Pounds; 150 Pounds; 250 Pounds; 210 Pounds; 40 Pounds; 60 Pounds; 3600 Pounds; 800 Pounds; 2700 Pounds; 4800 Pounds; 25 Pounds; 400 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 270 Pounds; 2500 Pounds; 60 Pounds; 90 Pounds; 20 Pounds; 2500 Pounds; 800 Pounds; 60 Pounds; 250 Pounds; 100 Pounds; 1265 Gallons; 20 Pounds; 150 Pounds; 1 Pounds; 40 Pounds; 60 Pounds; 120 Pounds; 200 Pounds; 160 Pounds; 40 Pounds; 225 Pounds; 50 Pounds; 250 Pounds; 80 Pounds; 1600 Pounds; 250 Pounds; 800 Pounds; 250 Pounds; 240 Pounds; 250 Pounds; 40 Pounds; 40 Pounds; 250 Pounds; 270 Pounds; 250 Pounds; 20 Pounds; 200 Pounds; 120 Pounds; 67 Pounds; 300 Pounds; 250 Pounds; 50 Pounds; 220 Gallons; 150 Pounds; 320 Pounds; 120 Pounds; 250 Pounds; 40 Pounds; 60 Pounds; 250 Pounds; 300 Pounds; 800 Pounds; 120 Pounds; 1500 Pounds; 600 Pounds; 90 Pounds; 450 Pounds; 60 Pounds; 500 Pounds; 400 Pounds; 200 Pounds; 25 Pounds; 1800 Pounds; 200 Pounds; 25 Pounds; 1 Pounds; 160 Pounds; 400 Pounds; 400 Pounds; 20 Pounds; 40 Pounds; 250 Pounds; 10 Pounds; 5 Pounds; 360 Pounds; 480 Pounds; 280 Pounds; 540 Pounds; 55 Gallons; 50 Pounds; 200 Pounds; 19 Pounds; 25 Pounds; 400 Pounds; 200 Pounds; 750 Pounds; 250 Pounds; 400 Pounds; 360 Pounds; 120 Pounds; 30 Pounds; 80 Pounds; 500 Pounds; 90 Pounds; 780 Pounds; 400 Pounds; 680 Pounds; 80 Pounds; 90 Pounds; 5 Pounds; 60 Pounds; 280 Pounds; 1200 Pounds; 10 Pounds; 325 Pounds; 200 Pounds; 240 Pounds; 40 Pounds; 80 Pounds; 750 Pounds; 120 Pounds; 400 Pounds; 500 Pounds; 800 Pounds; 3800 Pounds; 900 Pounds; 160 Pounds; 60 Pounds; 40 Pounds; 60 Pounds; 10 Pounds; 300 Pounds; 150 Pounds; 400 Pounds; 2400 Pounds; 404 Pounds; 130 Pounds; 240 Pounds; 760 Pounds; 250 Pounds; 80 Pounds; 60 Pounds; 90 Pounds; 120 Pounds; 640 Pounds; 600 Pounds; 200 Pounds; 40 Pounds; 25 Pounds; 2060 Pounds; 40 Pounds; 1200 Pounds; 60 Pounds; 270 Pounds; 200 Pounds; 60 Pounds; 150 Pounds; 120 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 1000 Pounds; 270 Pounds; 40 Pounds; 250 Pounds; 400 Pounds; 250 Pounds; 5200 Pounds; 30 Pounds; 1800 Pounds; 270 Pounds; 80 Pounds; 100 Pounds; 165 Gallons; 55 Gallons; 450 Pounds; 30 Pounds; 640 Pounds; 330 Pounds; 120 Pounds; 200 Pounds; 1440 Pounds; 280 Gallons; 400 Pounds; 60 Pounds; 80 Pounds; 900 Pounds; 120 Pounds

1988: 200 Pounds; 280 Pounds; 360 Pounds; 150 Pounds; 200 Pounds; 160 Pounds; 40 Pounds; 1200 Pounds; 400 Pounds; 450 Pounds; 3750 Pounds; 150 Pounds; 25 Pounds; 200 Pounds; 200 Pounds; 80 Pounds; 50 Pounds; 220 Pounds; 250 Pounds; 120 Pounds; 160 Pounds; 120 Pounds;

40 Pounds; 320 Pounds; 200 Pounds; 20 Pounds; 40 Pounds; 400 Pounds; 20 Pounds; 760 Pounds; 20 Pounds; 250 Pounds; 600 Pounds; 320 Pounds; 300 Pounds; 2 Pounds; 100 Pounds; 90 Pounds; 500 Pounds; 2000 Pounds; 250 Pounds; 159 Pounds; 50 Pounds; 500 Pounds; 50 Pounds; 400 Pounds; 80 Pounds; 6 Pounds; 300 Pounds; 750 Pounds; 300 Pounds; 500 Pounds; 150 Pounds; 300 Pounds; 400 Pounds; 75 Pounds; 2500 Pounds; 2 Pounds; 25 Pounds; 400 Pounds; 25 Pounds; 250 Pounds; 300 Pounds; 350 Pounds; 100 Pounds; 300 Pounds; 25 Pounds; 50 Pounds; 50 Pounds; 160 Pounds; 200 Pounds; 350 Pounds; 2200 Pounds; 2000 Pounds; 500 Pounds; 800 Pounds; 80 Pounds; 50 Pounds; 150 Pounds; 80 Pounds; 80 Pounds; 280 Pounds; 320 Pounds; 600 Pounds; 160 Pounds; 450 Pounds; 300 Pounds; 160 Pounds; 9 Pounds; 24 Pounds; 1000 Pounds; 600 Pounds; 1200 Pounds; 440 Pounds; 120 Pounds; 40 Pounds; 80 Pounds; 160 Pounds; 25 Pounds; 30 Pounds; 1460 Pounds; 120 Pounds; 440 Pounds; 25 Pounds; 40 Pounds; 290 Pounds; 25 Pounds; 2250 Pounds; 250 Pounds; 20 Pounds; 25 Pounds; 900 Pounds; 40 Pounds; 200 Pounds; 140 Pounds; 160 Pounds; 800 Pounds; 30 Pounds; 25 Pounds; 400 Pounds; 120 Pounds; 100 Pounds; 400 Pounds; 1000 Pounds; 60 Pounds; 200 Pounds; 160 Pounds; 527 Pounds; 60 Pounds; 250 Pounds; 120 Pounds; 160 Pounds; 1200 Pounds; 120 Pounds; 30 Pounds; 80 Pounds; 3500 Pounds; 40 Pounds; 25 Pounds; 150 Pounds; 375 Pounds; 300 Pounds; 500 Pounds; 250 Pounds; 649 Pounds; 1200 Pounds; 120 Pounds; 330 Gallons; 25 Pounds; 25 Pounds; 250 Pounds; 300 Pounds; 150 Pounds; 6 Pounds; 150 Pounds; 25 Pounds; 100 Pounds; 90 Pounds; 450 Pounds; 400 Pounds; 40 Pounds; 90 Pounds; 200 Pounds; 10 Pounds; 50 Pounds; 750 Pounds; 600 Pounds; 1200 Pounds; 400 Pounds; 500 Pounds; 560 Pounds; 120 Pounds; 140 Pounds; 80 Pounds; 500 Pounds; 300 Pounds; 23 Pounds; 250 Pounds; 600 Pounds; 2040 Pounds; 20 Pounds; 40 Pounds; 600 Pounds; 25 Pounds; 80 Pounds; 600 Pounds; 42 Pounds; 3200 Pounds; 25 Pounds; 250 Pounds; 200 Pounds; 250 Pounds; 1500 Pounds; 800 Pounds; 250 Pounds; 55 Gallons; 320 Pounds; 80 Pounds; 120 Pounds; 600 Pounds; 600 Pounds; 50 Pounds; 250 Pounds; 1500 Pounds; 20 Pounds; 160 Pounds; 300 Pounds; 2 Pounds; 400 Pounds; 40 Pounds; 1150 Pounds; 350 Pounds; 250 Pounds; 800 Pounds; 800 Pounds; 1400 Pounds; 150 Pounds; 200 Pounds; 250 Pounds; 2000 Pounds; 55 Gallons; 40 Pounds; 40 Pounds; 25 Pounds; 3000 Pounds; 400 Pounds; 250 Pounds; 3600 Pounds; 200 Pounds; 200 Pounds; 75 Pounds; 110 Gallons; 165 Gallons; 400 Pounds; 400 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 450 Pounds; 1000 Pounds; 400 Pounds; 80 Pounds; 80 Pounds; 500 Pounds; 5200 Pounds; 80 Pounds; 50 Pounds; 385 Pounds; 80 Pounds; 20 Pounds; 20 Pounds; 160 Pounds; 450 Pounds; 40 Pounds; 160 Pounds; 120 Pounds; 750 Pounds; 440 Pounds; 240 Pounds; 160 Pounds; 250 Pounds; 25 Pounds; 350 Pounds; 300 Pounds; 20 Pounds; 25 Pounds; 50 Pounds; 25 Pounds; 40 Pounds; 2400 Pounds; 150 Pounds; 3500 Pounds; 250 Pounds; 120 Pounds; 300 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 320 Pounds; 3200 Pounds; 600 Pounds; 1155 Gallons; 400 Pounds; 200 Pounds; 500 Pounds; 520 Pounds; 5 Pounds; 7 Pounds; 200 Pounds; 800 Pounds; 25 Pounds; 80 Pounds; 120 Pounds; 800 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 250 Pounds; 3 Pounds; 200 Pounds; 4 Pounds; 100 Pounds; 600 Pounds; 1000 Pounds; 200 Pounds; 160 Pounds; 80 Pounds; 1275 Pounds; 25 Pounds; 120 Pounds; 400 Pounds; 25 Pounds; 40 Pounds; 90 Pounds; 80 Pounds; 300 Pounds; 40 Pounds; 40 Pounds; 10 Pounds; 90 Pounds; 1900 Pounds; 500 Pounds; 600 Pounds; 150 Pounds; 80 Pounds; 150 Pounds; 20 Pounds; 120 Pounds; 1800 Pounds; 400 Pounds; 40 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 4730 Pounds; 25 Pounds; 100 Pounds; 800 Pounds; 800 Pounds; 400 Pounds; 25 Pounds; 3000 Pounds; 280 Pounds; 600 Pounds; 10 Pounds; 5 Gallons; 600 Pounds; 400 Pounds; 900 Pounds; 25 Pounds; 25 Pounds; 8000 Pounds; 400 Pounds; 25 Pounds; 150 Pounds; 900 Pounds; 750 Pounds; 800 Pounds; 400 Pounds; 1 Pounds; 25 Pounds; 450 Pounds; 400 Pounds; 1550 Pounds; 400 Pounds; 110 Gallons; 600 Pounds; 5525 Pounds; 2250 Pounds; 900 Pounds; 1000 Pounds; 4000 Pounds; 400 Pounds; 120 Pounds; 1750 Pounds; 200 Pounds; 40 Pounds; 80 Pounds; 25 Pounds; 1300 Pounds; 500 Pounds; 400 Pounds; 200 Pounds; 1600 Pounds; 1800 Pounds; 2250 Pounds; 450 Pounds; 400 Pounds; 750 Pounds; 25 Pounds; 25 Pounds; 200 Pounds; 275 Gallons; 400 Pounds; 250 Pounds; 240 Pounds; 800 Pounds; 40 Pounds; 40 Pounds; 150 Pounds; 60 Pounds; 150 Pounds; 150 Pounds; 800 Pounds; 400 Pounds; 250 Pounds; 500 Pounds; 40 Pounds; 25 Pounds; 25 Pounds; 80 Pounds; 1750 Pounds; 400 Pounds; 25 Pounds; 20 Pounds; 120 Pounds; 105 Pounds; 400 Pounds; 400 Pounds; 3000 Pounds; 1800 Pounds; 1000 Pounds; 400 Pounds; 125 Pounds; 25 Pounds; 25 Pounds; 3600 Pounds; 400 Pounds; 1400 Pounds; 110 Pounds; 15 Pounds; 200 Pounds; 320 Pounds; 400 Pounds; 250 Pounds; 5800 Pounds; 120 Pounds; 300 Pounds; 200 Pounds; 360 Pounds; 400 Pounds; 400 Pounds; 4000 Pounds; 920 Pounds; 500 Pounds; 50 Pounds; 225 Pounds; 30 Gallons; 120 Pounds; 400 Pounds; 1500 Pounds; 300 Pounds; 400 Pounds; 200 Pounds; 1000 Pounds; 200 Pounds; 40 Pounds; 15 Pounds; 400 Pounds; 2500 Pounds; 40 Pounds; 800 Pounds; 40 Pounds; 220 Pounds; 12000 Pounds; 150 Pounds; 800 Pounds; 200 Pounds; 150 Pounds; 50 Pounds; 300 Pounds; 75 Pounds; 600 Pounds; 25 Pounds; 800 Pounds; 400 Pounds; 800 Pounds; 250 Pounds; 10 Pounds; 400 Pounds; 280 Pounds; 1200 Pounds; 40 Pounds; 8180 Pounds; 150 Pounds; 475 Pounds; 200 Pounds; 500 Pounds; 500 Pounds; 550 Pounds; 80 Pounds; 40 Pounds; 55 Gallons; 50 Pounds; 800 Pounds; 250 Pounds; 200 Pounds; 1250 Pounds; 750 Pounds; 400 Pounds; 30 Gallons; 400 Pounds; 25 Pounds; 1500 Pounds; 200 Pounds; 300 Pounds; 600 Pounds; 80 Pounds; 160 Pounds; 25 Pounds; 600 Pounds; 2000 Pounds; 3600 Pounds; 100 Pounds; 20 Pounds; 180 Pounds; 480 Pounds; 16 Pounds; 600 Pounds; 25 Pounds; 60 Pounds; 80 Pounds; 250 Pounds; 4600 Pounds; 20 Pounds; 1000 Pounds; 1000 Pounds; 600 Pounds; 1252 Pounds; 250 Pounds; 300 Pounds; 1200 Pounds; 30 Pounds; 400 Pounds; 120 Pounds; 200 Pounds; 400 Pounds

1989: 240 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 1600 Pounds; 40 Pounds; 600 Pounds; 1812 Pounds; 300 Pounds; 7 Pounds; 3200 Pounds; 250 Pounds; 450 Pounds; 400 Pounds; 60 Pounds; 240 Pounds; 450 Pounds; 25 Pounds; 160 Pounds; 150 Pounds; 100 Pounds; 480 Pounds; 11250 Pounds; 400 Pounds; 5 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 400 Pounds; 1000 Pounds; 60 Pounds; 650 Pounds; 30 Pounds; 400 Pounds; 40 Pounds; 400 Pounds; 40 Pounds; 240 Pounds; 140 Pounds; 25 Pounds; 1200 Pounds; 100 Pounds; 1000 Pounds; 5 Pounds; 200 Pounds; 280 Pounds; 100 Pounds; 150 Pounds; 1600 Pounds; 200 Pounds; 40 Pounds; 450 Pounds; 800 Pounds; 270 Pounds; 50 Pounds; 125 Pounds; 300 Pounds; 10 Pounds; 900 Pounds; 400 Pounds; 600 Pounds; 100 Pounds; 3000 Pounds; 1400 Pounds; 1000 Pounds; 800 Pounds; 20 Pounds; 40 Pounds; 320 Pounds; 360 Pounds; 1 Pounds; 400 Pounds; 20 Pounds; 50 Pounds; 80 Pounds; 20 Pounds; 560 Pounds; 40 Pounds; 120 Pounds; 10 Pounds; 100 Pounds; 500 Pounds; 200 Pounds; 100 Pounds; 160 Pounds; 400 Pounds; 90 Pounds; 100 Pounds; 5700 Pounds; 140 Pounds; 200 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 120 Pounds; 400 Pounds; 300 Pounds; 400 Pounds; 350 Pounds; 4270 Pounds; 160 Pounds; 200 Pounds; 300 Pounds; 250 Pounds; 100 Pounds; 2000 Pounds; 125 Pounds; 800 Pounds; 500 Pounds; 1000 Pounds; 200 Pounds; 1200 Pounds; 20 Pounds; 800 Pounds; 803 Pounds; 200 Pounds; 400 Pounds; 50 Pounds; 520 Pounds; 600 Pounds; 1400 Pounds; 100 Pounds; 50 Pounds; 30 Pounds; 800 Pounds; 180 Pounds; 200 Pounds; 200 Pounds; 30 Gallons; 5 Pounds; 50 Pounds; 800 Pounds; 180 Pounds; 200 Pounds; 250 Pounds; 300 Pounds; 310 Pounds; 60 Pounds; 80 Pounds; 40 Pounds; 200 Pounds; 1200 Pounds; 4000 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 300 Pounds; 300 Pounds; 30 Pounds; 400 Pounds; 40 Pounds; 400 Pounds; 100 Pounds; 200 Pounds; 750 Pounds; 40 Pounds; 180 Pounds; 60 Pounds; 400 Pounds; 400 Pounds; 50 Pounds; 150 Pounds; 1800 Pounds; 700 Pounds; 60 Pounds; 20 Pounds; 450 Pounds; 1000 Pounds; 250 Pounds; 5 Pounds; 750 Pounds; 1250 Pounds; 75 Pounds; 1050 Pounds; 5 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 180 Pounds; 520 Pounds; 60 Pounds; 60 Pounds; 160 Pounds; 180 Pounds; 400 Pounds; 950 Pounds; 1650 Pounds; 60 Pounds; 240 Pounds; 30 Pounds; 90 Pounds; 90 Pounds; 50 Pounds; 1600 Pounds; 400 Pounds; 160 Pounds; 60 Pounds; 350 Pounds; 60 Pounds; 450 Pounds; 5 Pounds; 60 Pounds; 60 Pounds; 100 Pounds; 440 Pounds; 50 Pounds; 270 Pounds; 250 Pounds; 200 Pounds; 400 Pounds; 250 Pounds; 280 Pounds; 50 Pounds; 40 Pounds; 100 Pounds; 1100 Pounds; 100 Pounds; 3200 Pounds; 400 Pounds; 250 Pounds; 50 Pounds; 1800 Pounds; 1500 Pounds; 600 Pounds; 280 Pounds; 20 Pounds; 140 Pounds; 18 Pounds; 260 Pounds; 40 Pounds; 40 Pounds; 320 Pounds; 1 Pounds; 400 Pounds; 240 Pounds; 1800 Pounds; 450 Pounds; 40 Pounds; 40 Pounds; 5 Pounds; 50 Pounds; 15 Pounds; 80 Pounds; 270 Pounds; 400 Pounds; 90 Pounds; 250 Pounds; 45 Pounds; 40 Pounds; 2 Gallons; 20 Pounds; 350 Pounds; 800 Pounds; 250 Pounds; 360 Pounds; 300 Pounds; 250 Pounds; 150 Pounds; 5 Pounds; 300 Pounds; 500 Pounds; 50 Pounds; 300 Pounds; 60 Pounds; 600 Pounds; 125 Pounds; 100 Pounds; 400 Pounds; 40 Pounds; 600 Pounds; 600 Pounds; 100 Pounds; 30 Pounds; 250 Pounds; 600 Pounds; 80 Pounds; 30 Pounds; 200 Pounds; 1200 Pounds; 1000 Pounds; 127 Pounds; 150 Pounds; 1200 Pounds; 150 Pounds; 200 Pounds; 500

Pounds; 200 Pounds; 75 Pounds; 5 Gallons; 450 Pounds; 1000 Pounds; 25 Pounds; 400 Pounds; 5 Pounds; 1540 Pounds; 100 Pounds; 500 Pounds; 300 Pounds; 90 Pounds; 40 Pounds; 800 Pounds; 30 Pounds; 2200 Pounds; 500 Pounds; 50 Pounds; 50 Pounds; 300 Pounds; 40 Pounds; 30 Pounds; 400 Pounds; 60 Pounds; 360 Pounds; 100 Pounds; 870 Pounds; 210 Pounds; 80 Pounds; 7 Pounds; 4000 Pounds; 600 Pounds; 250 Pounds; 25 Pounds; 50 Pounds; 3000 Pounds; 500 Pounds; 250 Pounds; 10 Pounds; 1250 Pounds; 224 Pounds; 40 Pounds; 300 Pounds; 50 Pounds; 250 Pounds; 400 Pounds; 150 Pounds; 750 Pounds; 200 Pounds; 261 Pounds; 300 Pounds; 1600 Pounds; 28 Gallons; 450 Pounds; 10 Pounds; 670 Pounds; 1200 Pounds; 300 Pounds; 1200 Pounds; 400 Pounds; 500 Pounds; 50 Gallons; 250 Pounds; 400 Pounds; 4000 Pounds; 80 Pounds; 150 Pounds; 60 Pounds; 150 Pounds; 5250 Pounds; 450 Pounds; 250 Pounds; 750 Pounds; 1250 Pounds; 75 Pounds; 600 Pounds; 2000 Pounds; 180 Pounds; 150 Pounds; 400 Pounds; 60 Pounds; 2400 Pounds; 480 Pounds; 8 Pounds; 250 Pounds; 5 Gallons; 160 Pounds; 450 Pounds; 600 Pounds; 200 Pounds; 1 Pounds; 50 Pounds; 250 Pounds; 400 Pounds; 40 Pounds; 280 Pounds; 80 Pounds; 30 Pounds; 17 Gallons; 800 Pounds; 150 Pounds; 40 Pounds; 280 Pounds; 400 Pounds; 40 Pounds; 40 Pounds; 30 Pounds; 80 Pounds; 50 Pounds; 1200 Pounds; 400 Pounds; 2000 Pounds; 10 Pounds; 800 Pounds; 500 Pounds; 1400 Pounds

1990: 80 Pounds; 80 Pounds; 300 Pounds; 10 Pounds; 250 Pounds; 20 Pounds; 250 Pounds; 1200 Pounds; 150 Pounds; 200 Pounds; 600 Pounds; 80 Pounds; 30 Pounds; 160 Pounds; 150 Pounds; 300 Pounds; 1400 Pounds; 200 Pounds; 150 Pounds; 560 Pounds; 800 Pounds; 290 Pounds; 240 Pounds; 600 Pounds; 300 Pounds; 25 Pounds; 250 Pounds; 900 Pounds; 1200 Pounds; 10 Pounds; 80 Pounds; 60 Pounds; 400 Pounds; 1 Pounds; 400 Pounds; 1 Pounds; 60 Pounds; 100 Pounds; 60 Pounds; 400 Pounds; 161 Pounds; 50 Pounds; 400 Pounds; 264 Pounds; 306 Pounds; 500 Pounds; 480 Pounds; 400 Pounds; 526 Pounds; 300 Pounds; 8400 Pounds; 300 Pounds; 1000 Pounds; 10 Pounds; 40 Pounds; 3600 Pounds; 60 Pounds; 100 Pounds; 60 Pounds; 200 Pounds; 1450 Pounds; 600 Pounds; 450 Pounds; 50 Pounds; 30 Pounds; 1000 Pounds; 750 Pounds; 274 Pounds; 80 Pounds; 600 Pounds; 100 Pounds; 1800 Pounds; 200 Pounds; 80 Pounds; 500 Pounds; 750 Pounds; 500 Pounds; 150 Pounds; 30 Pounds; 400 Pounds; 1300 Pounds; 40 Pounds; 240 Pounds; 80 Pounds; 750 Pounds; 40 Pounds; 750 Pounds; 750 Pounds; 600 Pounds; 750 Pounds; 500 Pounds; 500 Pounds; 240 Pounds; 369 Pounds; 120 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 300 Pounds; 1050 Pounds; 100 Pounds; 1050 Pounds; 750 Pounds; 160 Pounds; 120 Pounds; 120 Pounds; 40 Pounds; 150 Pounds; 150 Pounds; 40 Pounds; 274 Pounds; 200 Pounds; 250 Pounds; 1000 Pounds; 40 Pounds; 250 Pounds; 400 Pounds; 80 Pounds; 40 Pounds; 400 Pounds; 800 Pounds; 560 Pounds; 120 Pounds; 240 Pounds; 240 Pounds; 150 Pounds; 116 Pounds; 30 Pounds; 290 Pounds; 40 Pounds; 500 Pounds; 200 Pounds; 10 Pounds; 200 Pounds; 208 Pounds; 200 Pounds; 400 Pounds; 300 Pounds; 400 Pounds; 40 Pounds; 1600 Pounds; 250 Pounds; 800 Pounds; 500 Pounds; 300 Pounds; 500 Pounds; 80 Pounds; 400 Pounds; 50 Pounds; 300 Pounds; 500 Pounds; 300 Pounds; 400 Pounds; 40 Pounds; 400 Pounds; 250 Pounds; 440 Pounds; 50 Pounds; 160 Pounds; 80 Pounds; 80 Pounds; 50 Pounds; 400 Pounds; 80 Pounds; 350 Pounds; 10 Pounds; 1200 Pounds; 240 Pounds; 400 Pounds; 80 Pounds; 300 Pounds; 2000 Pounds; 20 Pounds; 1600 Pounds; 40 Gallons; 400 Pounds; 550 Pounds; 1 Pounds; 400 Pounds; 80 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 500 Pounds; 80 Pounds; 550 Pounds; 350 Pounds; 40 Pounds; 120 Pounds; 400 Pounds; 500 Pounds; 250 Pounds; 200 Pounds; 1300 Pounds; 500 Pounds; 100 Pounds; 20 Pounds; 150 Pounds; 300 Pounds; 5 Pounds; 160 Pounds; 80 Pounds; 2000 Pounds; 300 Pounds; 200 Pounds; 400 Pounds; 20 Pounds; 400 Pounds; 100 Pounds; 12 Pounds; 1200 Pounds; 200 Pounds; 600 Pounds; 40 Pounds; 60 Pounds; 60 Pounds; 5 Pounds; 400 Pounds; 274 Pounds; 290 Pounds; 89 Pounds; 400 Pounds; 280 Pounds; 400 Pounds; 250 Pounds; 200 Pounds; 850 Pounds; 100 Pounds; 840 Pounds; 120 Pounds; 60 Pounds; 300 Pounds; 300 Pounds; 1360 Pounds; 56 Pounds; 240 Pounds; 850 Pounds; 200 Pounds; 400 Pounds; 250 Pounds; 1600 Pounds; 30 Pounds; 2200 Pounds; 200 Pounds; 80 Pounds; 100 Pounds; 40 Pounds; 800 Pounds; 160 Pounds; 240 Pounds; 57 Pounds; 500 Pounds; 57 Pounds; 200 Pounds; 20 Pounds; 200 Pounds; 320 Pounds; 80 Pounds; 300 Pounds; 1200 Pounds; 120 Pounds; 200 Pounds; 300 Pounds; 800 Pounds; 300 Pounds; 200 Pounds

1991: 100 Pounds; 200 Pounds; 600 Pounds; 5 Pounds; 250 Pounds; 80 Pounds; 10 Pounds; 200 Pounds; 10 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 160 Pounds; 200 Pounds; 480 Pounds; 200 Pounds; 400 Pounds; 250 Pounds; 100 Pounds; 40 Pounds; 250 Pounds; 120 Pounds; 400 Pounds; 600 Pounds; 1000 Pounds; 800 Pounds; 100 Pounds; 10 Pounds; 320 Pounds; 40 Pounds; 300 Pounds; 300 Pounds; 280 Pounds; 250 Pounds; 753 Pounds; 600 Pounds; 250 Pounds; 75 Pounds; 250 Pounds; 280 Pounds; 500 Pounds; 1800 Pounds; 40 Pounds; 300 Pounds; 80 Pounds; 50 Pounds; 80 Pounds; 300 Pounds; 202 Pounds; 60 Pounds; 40 Pounds; 160 Pounds; 200 Pounds; 1000 Pounds; 440 Pounds; 10 Pounds; 150 Pounds; 4600 Pounds; 150 Pounds; 250 Pounds; 1350 Pounds; 55 Pounds; 250 Pounds; 150 Pounds; 480 Pounds; 100 Pounds; 160 Pounds; 160 Pounds; 40 Pounds; 40 Pounds; 100 Pounds; 40 Pounds; 80 Pounds; 40 Pounds; 440 Pounds; 160 Pounds; 300 Pounds; 350 Pounds; 10 Pounds; 320 Pounds; 300 Pounds; 250 Pounds; 40 Pounds; 10 Pounds; 80 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 160 Pounds; 45 Pounds; 100 Pounds; 150 Pounds; 160 Pounds; 1500 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 80 Pounds; 300 Pounds; 150 Pounds; 150 Pounds; 160 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 320 Pounds; 1750 Pounds; 40 Pounds; 200 Pounds; 500 Pounds; 30 Pounds; 1100 Pounds; 2400 Pounds; 400 Pounds; 650 Pounds; 600 Pounds; 400 Pounds; 100 Pounds; 50 Pounds; 450 Pounds; 360 Pounds; 350 Pounds; 40 Pounds; 320 Pounds; 120 Pounds; 200 Pounds; 250 Pounds; 40 Pounds; 250 Pounds; 100 Pounds; 40 Pounds; 40 Pounds; 80 Pounds; 400 Pounds; 850 Pounds; 500 Pounds; 100 Pounds; 200 Pounds; 225 Pounds; 400 Pounds; 30 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 50 Pounds; 120 Pounds; 60 Pounds; 80 Pounds; 300 Pounds; 250 Pounds; 100 Pounds; 150 Pounds; 250 Pounds; 150 Pounds; 45 Pounds; 240 Pounds; 110 Pounds; 120 Pounds; 60 Pounds; 80 Pounds; 400 Pounds; 30 Pounds; 160 Pounds; 280 Pounds; 80 Pounds; 200 Pounds; 80 Pounds; 100 Pounds; 160 Pounds; 100 Pounds; 80 Pounds; 30 Pounds; 40 Pounds; 30 Pounds

1992: 400 Pounds; 200 Pounds; 250 Pounds; 40 Pounds; 6000 Pounds; 1200 Pounds; 100 Pounds; 75 Pounds; 440 Pounds; 75 Pounds; 300 Pounds; 300 Pounds; 3600 Pounds; 80 Pounds; 240 Pounds; 320 Pounds; 2400 Pounds; 2600 Pounds; 40 Pounds; 120 Pounds; 400 Pounds; 200 Pounds; 750 Pounds; 40 Pounds; 10 Pounds; 1200 Pounds; 150 Pounds; 6000 Pounds; 200 Pounds; 125 Pounds; 2000 Pounds; 40 Pounds; 120 Pounds; 280 Pounds; 200 Pounds; 20 Pounds; 800 Pounds; 320 Pounds; 160 Pounds; 80 Pounds; 660 Pounds; 200 Pounds; 12528 Pounds; 1400 Pounds; 200 Pounds; 80 Pounds; 40 Pounds; 320 Pounds; 240 Pounds; 280 Pounds; 50 Pounds; 160 Pounds; 800 Pounds; 75 Pounds; 300 Pounds; 180 Pounds; 400 Pounds; 100 Pounds; 1800 Pounds; 400 Pounds; 400 Pounds; 75 Pounds; 800 Pounds; 400 Pounds; 800 Pounds; 75 Pounds; 250 Pounds; 250 Pounds; 358 Pounds; 200 Pounds; 300 Pounds; 700 Pounds; 3000 Pounds; 100 Pounds; 100 Pounds; 100 Pounds; 100 Pounds; 160 Pounds; 120 Pounds; 360 Pounds; 1200 Pounds; 90 Pounds; 90 Pounds; 100 Pounds; 3300 Pounds; 1200 Pounds; 900 Pounds; 800 Pounds; 100 Pounds; 560 Pounds; 1400 Pounds; 200 Pounds; 240 Pounds; 300 Pounds; 400 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 600 Pounds; 40 Pounds; 1800 Pounds; 300 Pounds; 400 Pounds; 80 Pounds; 30 Pounds; 100 Pounds; 1200 Pounds; 50 Pounds; 75 Pounds; 250 Pounds; 60 Pounds; 40 Pounds; 50 Pounds; 100 Pounds; 600 Pounds; 150 Pounds; 400 Pounds; 150 Pounds; 100 Pounds; 200 Pounds; 400 Pounds; 150 Pounds; 600 Pounds; 80 Pounds; 40 Pounds; 50 Pounds; 600 Pounds; 400 Pounds; 100 Pounds; 1200 Pounds; 440 Pounds; 100 Pounds; 500 Pounds; 80 Pounds; 680 Pounds; 800 Pounds; 1200 Pounds; 750 Pounds; 150 Pounds; 200 Pounds; 120 Pounds; 40 Pounds; 160 Pounds; 120 Pounds; 300 Pounds; 600 Pounds; 250 Pounds; 600 Pounds; 80 Pounds; 800 Pounds; 400 Pounds; 1000 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 50 Pounds; 320 Pounds; 800 Pounds; 100 Pounds; 120 Pounds; 150 Pounds; 100 Pounds; 150 Pounds; 800 Pounds; 100 Pounds; 200 Pounds; 130 Pounds; 80 Pounds; 40 Pounds; 1000 Pounds; 200 Pounds; 120 Pounds; 400 Pounds; 500 Pounds; 120 Pounds; 310 Pounds; 20 Pounds; 40 Pounds; 30 Pounds; 75 Pounds; 3480 Pounds; 80 Pounds; 75 Pounds; 250 Pounds; 90 Pounds; 300 Pounds; 2000 Pounds; 1400 Pounds; 400 Pounds; 40 Pounds; 320 Pounds; 150 Pounds; 440 Pounds; 150 Pounds; 120 Pounds; 80 Pounds; 1200 Pounds; 600 Pounds; 310 Pounds; 93 Pounds; 250 Pounds; 120 Pounds; 1740 Pounds; 300 Pounds; 275 Pounds; 80 Pounds; 200 Pounds; 40 Pounds; 160 Pounds; 280 Pounds; 5080 Pounds; 400 Pounds; 1500 Pounds; 280 Pounds; 60 Pounds; 3400 Pounds; 350 Pounds; 160 Pounds; 280 Pounds; 500 Pounds; 40 Pounds; 150 Pounds; 10200 Pounds; 30 Pounds; 3800 Pounds; 150

Pounds; 300 Pounds; 102 Pounds; 40 Pounds; 50 Pounds; 160 Pounds; 1 Pounds
1993: 200 Pounds; 350 Pounds; 50 Pounds; 80 Pounds; 30 Pounds; 120 Pounds; 5 Pounds; 60 Pounds; 300 Pounds; 50 Pounds; 50 Pounds; 75 Pounds; 30 Pounds; 80 Pounds; 50 Pounds; 40 Pounds; 133 Pounds; 30 Pounds; 280 Pounds; 225 Pounds; 80 Pounds; 40 Pounds; 30 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 250 Pounds; 40 Pounds; 240 Pounds; 40 Pounds; 10 Pounds; 80 Pounds; 30 Pounds; 120 Pounds; 310 Pounds; 80 Pounds; 2 Pounds; 800 Pounds; 200 Pounds; 4500 Pounds; 800 Pounds; 80 Pounds; 2150 Pounds; 75 Pounds; 600 Pounds; 360 Pounds; 32 Pounds; 40 Pounds; 50 Pounds; 520 Pounds; 200 Pounds; 80 Pounds; 200 Pounds; 240 Pounds; 200 Pounds; 20 Pounds; 60 Pounds; 160 Pounds; 75 Pounds; 12 Pounds; 40 Pounds; 1500 Pounds; 120 Pounds; 80 Pounds; 100 Pounds; 80 Pounds; 15 Pounds; 40 Pounds; 15 Pounds; 100 Pounds; 120 Pounds; 20 Pounds; 160 Pounds; 120 Pounds; 40 Pounds; 120 Pounds; 200 Pounds; 30 Pounds; 100 Pounds; 250 Pounds; 160 Pounds; 250 Pounds; 200 Pounds; 600 Pounds; 20 Pounds; 450 Pounds; 300 Pounds; 400 Pounds; 80 Pounds; 40 Pounds; 240 Pounds; 200 Pounds; 3000 Pounds; 10 Pounds; 480 Pounds; 150 Pounds; 200 Pounds; 180 Pounds; 100 Pounds; 50 Pounds; 200 Pounds; 50 Pounds; 15 Pounds; 5 Pounds; 100 Pounds; 400 Pounds; 16 Pounds; 160 Pounds; 400 Pounds; 275 Pounds; 320 Pounds; 125 Pounds; 280 Pounds; 520 Pounds; 80 Pounds; 200 Pounds; 300 Pounds; 120 Pounds; 40 Pounds; 51 Pounds; 100 Pounds; 310 Pounds; 400 Pounds; 120 Pounds; 30 Pounds; 20 Pounds; 400 Pounds; 10 Pounds; 300 Pounds; 800 Pounds; 200 Pounds; 320 Pounds; 40 Pounds; 100 Pounds; 120 Pounds; 80 Pounds; 200 Pounds; 375 Pounds; 100 Pounds; 10 Pounds; 90 Pounds; 240 Pounds
1994: 25 Pounds; 300 Pounds; 150 Pounds; 400 Pounds; 100 Pounds; 600 Pounds; 160 Pounds; 80 Pounds; 40 Pounds; 250 Pounds; 400 Pounds; 200 Pounds; 30 Pounds; 250 Pounds; 400 Pounds; 10 Pounds; 160 Pounds; 115 Pounds; 80 Pounds; 400 Pounds; 240 Pounds; 20 Pounds; 160 Pounds; 200 Pounds; 160 Pounds; 160 Pounds; 450 Pounds; 150 Pounds; 100 Pounds; 60 Pounds; 120 Pounds; 2200 Pounds; 200 Pounds; 10 Pounds; 10 Pounds; 30 Pounds; 650 Pounds; 5 Pounds; 10 Pounds; 60 Pounds; 240 Pounds; 120 Pounds; 150 Pounds; 200 Pounds; 700 Pounds; 120 Pounds; 20 Pounds; 20 Pounds; 20 Pounds; 320 Pounds; 40 Pounds; 160 Pounds; 300 Pounds; 150 Pounds; 150 Pounds; 40 Pounds; 80 Pounds; 1000 Pounds; 50 Pounds; 40 Pounds; 200 Pounds; 160 Pounds; 60 Pounds; 80 Pounds; 80 Pounds; 400 Pounds; 400 Pounds; 40 Pounds; 20 Pounds; 80 Pounds; 400 Pounds; 40 Pounds; 160 Pounds; 40 Pounds; 100 Pounds; 40 Pounds; 40 Pounds; 60 Pounds; 160 Pounds; 30 Pounds; 240 Pounds; 50 Pounds; 240 Pounds; 1600 Pounds; 300 Pounds; 200 Pounds; 80 Pounds; 240 Pounds; 30 Pounds; 40 Pounds; 150 Pounds; 200 Pounds; 10 Pounds; 100 Pounds; 160 Pounds; 200 Pounds; 20 Pounds; 40 Pounds; 120 Pounds; 320 Pounds; 300 Pounds; 50 Pounds; 120 Pounds; 30 Pounds; 200 Pounds; 200 Pounds; 20 Pounds; 200 Pounds; 1400 Pounds; 500 Pounds; 50 Pounds; 400 Pounds; 40 Pounds; 2100 Pounds; 40 Pounds; 700 Pounds; 160 Pounds; 60 Pounds; 300 Pounds; 60 Pounds; 160 Pounds; 240 Pounds; 600 Pounds; 300 Pounds; 240 Pounds; 200 Pounds; 150 Pounds; 50 Pounds; 40 Pounds; 1200 Pounds; 225 Pounds; 120 Pounds; 40 Pounds; 10 Pounds; 400 Pounds
1995: 200 Pounds; 3100 Pounds; 800 Pounds; 40 Pounds; 400 Pounds; 50 Pounds; 200 Pounds; 30 Pounds; 350 Pounds; 50 Pounds; 450 Pounds; 600 Pounds; 120 Pounds; 350 Pounds; 200 Pounds; 200 Pounds; 160 Pounds; 240 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 250 Pounds; 1200 Pounds; 160 Pounds; 40 Pounds; 80 Pounds; 160 Pounds; 200 Pounds; 300 Pounds; 80 Pounds; 160 Pounds; 125 Pounds; 300 Pounds; 40 Pounds; 40 Pounds; 2500 Pounds; 40 Pounds; 40 Pounds; 2600 Pounds; 160 Pounds; 30 Pounds; 5500 Pounds; 400 Pounds; 800 Pounds; 150 Pounds; 40 Pounds; 30 Pounds; 100 Pounds; 50 Pounds; 100 Pounds; 10 Pounds; 200 Pounds; 40 Pounds; 200 Pounds; 300 Pounds; 160 Pounds; 10 Pounds; 250 Pounds; 80 Pounds; 80 Pounds; 120 Pounds; 40 Pounds; 200 Pounds; 150 Pounds; 150 Pounds; 160 Pounds; 80 Pounds; 50 Pounds; 80 Pounds; 250 Pounds; 120 Pounds; 240 Pounds; 25 Pounds; 40 Pounds; 120 Pounds; 300 Pounds; 50 Pounds; 4800 Pounds; 300 Pounds; 250 Pounds; 160 Pounds; 40 Pounds; 300 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 120 Pounds; 250 Pounds; 175 Pounds; 40 Pounds; 40 Pounds; 240 Pounds; 15 Pounds; 80 Pounds; 300 Pounds; 80 Pounds; 80 Pounds; 300 Pounds; 125 Pounds; 200 Pounds; 40 Pounds; 350 Pounds; 350 Pounds; 10 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 200 Pounds; 40 Pounds; 120 Pounds; 10 Pounds; 40 Pounds; 50 Pounds; 80 Pounds; 100 Pounds; 20 Pounds; 250 Pounds; 320 Pounds; 150 Pounds; 40 Pounds; 900 Pounds; 40 Pounds; 150 Pounds; 20 Pounds; 40 Pounds; 1 Pounds; 200 Pounds; 40 Pounds; 50 Pounds; 120 Pounds; 80 Pounds; 200 Pounds; 120 Pounds
1996: 400 Pounds; 400 Pounds; 80 Pounds; 210 Pounds; 160 Pounds; 40 Pounds; 75 Pounds; 2 Pounds; 5 Pounds; 40 Pounds; 2 Pounds; 220 Pounds; 100 Pounds; 5 Pounds; 200 Pounds; 50 Pounds; 30 Pounds; 20 Pounds; 1600 Pounds; 80 Pounds; 20 Pounds; 50 Pounds; 75 Pounds; 200 Pounds; 210 Pounds; 120 Pounds; 70 Pounds; 50 Pounds; 400 Pounds; 20 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 20 Pounds; 40 Pounds; 50 Pounds; 135 Pounds; 40 Pounds; 40 Pounds; 750 Pounds; 1 Pounds; 1000 Pounds; 40 Pounds; 10 Pounds; 40 Pounds; 40 Pounds; 10 Pounds; 80 Pounds; 40 Pounds; 160 Pounds; 45 Pounds; 40 Pounds; 40 Pounds; 10 Pounds; 40 Pounds; 1200 Pounds; 150 Pounds; 40 Pounds; 50 Pounds; 300 Pounds; 80 Pounds; 145 Pounds; 80 Pounds; 50 Pounds; 2400 Pounds; 240 Pounds; 50 Pounds; 10 Pounds; 154 Pounds; 50 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 50 Pounds; 50 Pounds; 350 Pounds; 20 Pounds; 50 Pounds; 100 Pounds; 5 Pounds; 10 Pounds; 154 Pounds; 20 Pounds; 120 Pounds; 200 Pounds; 75 Pounds; 80 Pounds; 100 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 25 Pounds; 150 Pounds; 100 Pounds; 500 Pounds; 30 Pounds; 150 Pounds; 20 Pounds; 40 Pounds; 200 Pounds; 30 Pounds; 50 Pounds; 225 Pounds; 40 Pounds; 800 Pounds; 400 Pounds; 40 Pounds; 195 Pounds; 195 Pounds; 100 Pounds; 50 Pounds; 400 Pounds; 8250 Pounds; 200 Pounds; 560 Pounds; 40 Pounds; 10 Pounds; 40 Pounds; 30 Pounds; 40 Pounds; 20 Pounds; 40 Pounds; 600 Pounds; 80 Pounds; 50 Pounds; 10 Pounds; 100 Pounds; 80 Pounds; 20 Pounds; 80 Pounds; 125 Pounds; 40 Pounds; 200 Pounds; 375 Pounds; 40 Pounds; 100 Pounds; 150 Pounds; 40 Pounds; 80 Pounds; 135 Pounds; 40 Pounds; 1 Pounds; 800 Pounds; 400 Pounds; 130 Pounds; 200 Pounds; 1 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 450 Pounds; 40 Pounds; 15 Pounds; 80 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 20 Pounds; 70 Pounds; 10 Pounds; 400 Pounds; 40 Pounds; 300 Pounds; 6400 Pounds; 50 Pounds; 40 Pounds; 22400 Pounds; 50 Pounds; 40 Pounds; 50 Pounds; 200 Pounds; 25 Pounds; 50 Pounds; 80 Pounds; 100 Pounds; 145 Pounds; 660 Pounds; 40 Pounds; 300 Pounds; 150 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 10 Pounds; 40 Pounds; 200 Pounds; 40 Pounds; 375 Pounds; 85 Pounds; 40 Pounds; 800 Pounds; 40 Pounds; 120 Pounds; 200 Pounds; 50 Pounds; 150 Pounds; 40 Pounds; 25 Pounds; 50 Pounds; 100 Pounds; 80 Pounds; 80 Pounds; 120 Pounds
1997: 40 Pounds; 40 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 300 Pounds; 180 Pounds; 8500 Pounds; 6 Pounds; 250 Pounds; 110 Pounds; 50 Pounds; 80 Pounds; 40 Pounds; 200 Pounds; 30 Pounds; 40 Pounds; 30 Pounds; 30 Pounds; 50 Pounds; 5 Pounds; 50 Pounds; 200 Pounds; 1200 Pounds; 25 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 250 Pounds; 50 Pounds; 50 Pounds; 6 Pounds; 50 Pounds; 1245 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 30 Pounds; 10 Gallons; 40 Pounds; 100 Pounds; 150 Pounds; 30 Pounds; 50 Pounds; 200 Pounds; 40 Pounds; 8 Pounds; 10 Pounds; 440 Gallons; 50 Pounds; 15 Pounds; 2700 Pounds; 100 Pounds; 100 Pounds; 50 Pounds; 150 Pounds; 50 Pounds; 40 Pounds; 10 Pounds; 50 Pounds; 40 Pounds; 250 Pounds; 10 Pounds; 5 Pounds; 900 Pounds; 50 Pounds; 100 Pounds; 40 Pounds; 80 Pounds; 50 Pounds; 2000 Pounds; 200 Pounds; 200 Pounds; 80 Pounds; 80 Pounds; 20 Pounds; 400 Pounds; 120 Pounds; 10 Pounds; 80 Pounds; 30 Pounds; 40 Pounds; 6 Pounds; 50 Pounds; 40 Pounds; 200 Pounds; 200 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 320 Pounds; 100 Pounds; 50 Pounds; 150 Pounds; 40 Pounds; 325 Pounds; 1300 Pounds; 154 Pounds; 10 Pounds; 6 Pounds; 200 Pounds; 50 Pounds; 80 Pounds; 200 Pounds; 5 Pounds; 100 Pounds; 80 Pounds; 200 Pounds; 100 Pounds; 50 Pounds; 40 Pounds; 280 Pounds; 50 Pounds; 250 Pounds; 100 Pounds; 40 Pounds; 30 Pounds; 20 Pounds; 200 Pounds; 200 Pounds; 50 Pounds; 200 Pounds; 250 Pounds; 40 Pounds; 2 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 6 Pounds; 100 Pounds; 800 Pounds; 40 Pounds; 300 Pounds; 32 Pounds; 2800 Pounds; 2800 Pounds; 50 Pounds; 100 Pounds; 100 Pounds; 100 Pounds; 200 Pounds; 4000 Pounds; 50 Pounds; 40 Pounds; 20 Pounds; 100 Pounds; 400 Pounds; 160 Pounds; 100 Pounds; 30 Pounds; 50 Pounds; 300 Pounds; 150 Pounds; 300 Pounds; 150 Pounds; 6 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 150 Pounds; 4 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 10 Pounds; 300 Pounds; 200 Pounds; 24 Pounds; 100

Pounds; 150 Pounds; 150 Pounds; 50 Pounds; 120 Pounds; 40 Pounds; 50 Pounds; 400 Pounds; 100 Pounds; 250 Pounds; 650 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 5500 Pounds; 500 Pounds; 100 Pounds; 50 Pounds; 3200 Pounds; 50 Pounds; 200 Pounds; 10 Pounds; 300 Pounds; 40 Pounds; 200 Pounds; 10 Pounds; 50 Pounds; 20 Pounds; 600 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 2000 Pounds; 65 Pounds; 40 Pounds; 20 Pounds; 200 Pounds; 40 Pounds; 50 Pounds; 50 Pounds; 400 Pounds; 1200 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 50 Pounds; 150 Pounds; 200 Pounds; 24 Pounds; 200 Pounds; 5 Gallons; 40 Pounds; 210 Pounds; 400 Pounds; 240 Pounds; 80 Pounds; 20 Pounds; 10 Pounds; 200 Pounds; 50 Pounds; 100 Pounds; 20 Pounds; 110 Pounds; 200 Pounds; 40 Pounds; 30 Pounds; 200 Pounds; 400 Pounds; 40 Pounds; 100 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 70 Gallons; 40 Pounds

1998: 10 Pounds; 4000 Pounds; 200 Pounds; 10 Pounds; 3000 Pounds; 20 Pounds; 80 Pounds; 2 Gallons; 30 Pounds; 2500 Pounds; 10 Pounds; 40 Pounds; 1 Pounds; 10 Pounds; 50 Pounds; 100 Pounds; 30 Pounds; 55 Gallons; 5 Pounds; 1 Pounds; 4 Pounds; 75 Pounds; 15 Pounds; 250 Pounds; 150 Pounds; 100 Pounds; 50 Pounds; 20 Pounds; 300 Pounds; 100 Pounds; 50 Pounds; 100 Pounds; 40 Pounds; 30 Pounds; 450 Pounds; 100 Pounds; 50 Pounds; 100 Pounds; 150 Pounds; 36 Pounds; 1000 Pounds; 50 Pounds; 50 Pounds; 16 Pounds; 24 Pounds; 125 Pounds; 170 Pounds; 1200 Pounds; 300 Pounds; 120 Pounds; 50 Pounds; 400 Pounds; 80 Pounds; 50 Pounds; 20 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 320 Pounds; 800 Pounds; 1800 Pounds; 3200 Pounds; 136 Pounds; 50 Pounds; 100 Pounds; 40 Pounds; 5 Gallons; 400 Pounds; 50 Pounds; 400 Pounds; 40 Pounds; 300 Pounds; 150 Pounds; 100 Pounds; 1000 Pounds; 25 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 20 Pounds; 100 Pounds; 50 Pounds; 150 Pounds; 15 Gallons; 80 Pounds; 50 Pounds; 40 Pounds; 200 Pounds; 300 Pounds; 100 Pounds; 120 Pounds; 50 Pounds; 100 Pounds; 100 Pounds; 30 Pounds; 10 Gallons; 200 Pounds; 300 Pounds; 450 Pounds; 250 Pounds; 150 Pounds; 40 Pounds; 300 Pounds; 150 Pounds; 8 Pounds; 40 Pounds; 250 Pounds; 55 Gallons; 40 Pounds; 10 Gallons; 20 Pounds; 10 Pounds; 200 Pounds; 300 Pounds; 75 Pounds; 200 Pounds; 95 Pounds; 200 Pounds; 60 Pounds; 12 Pounds; 125 Pounds; 100 Pounds; 10 Pounds; 50 Pounds; 100 Pounds; 5 Gallons; 110 Gallons; 450 Pounds; 200 Pounds; 100 Pounds; 1200 Pounds; 30 Pounds; 50 Pounds; 300 Pounds; 2 Pounds; 250 Pounds; 50 Pounds; 100 Pounds; 250 Pounds; 200 Pounds; 40 Pounds; 130 Pounds; 250 Pounds; 55 Gallons; 150 Gallons; 200 Pounds; 2 Pounds; 5 Pounds; 3 Pounds; 50 Pounds; 40 Pounds; 48 Pounds; 72 Pounds; 25 Pounds; 160 Pounds; 150 Pounds; 800 Pounds; 10 Pounds; 350 Pounds; 80 Pounds; 80 Pounds; 1200 Pounds; 150 Pounds; 450 Pounds; 100 Pounds; 85 Pounds; 200 Pounds; 50 Pounds; 200 Pounds; 30 Pounds; 150 Pounds; 200 Gallons; 100 Pounds; 420 Pounds; 40 Pounds; 25 Pounds; 25 Pounds; 2 Pounds; 30 Pounds; 5 Pounds; 60 Pounds; 500 Pounds; 50 Pounds; 55 Gallons; 5 Pounds; 5 Gallons; 55 Gallons; 10 Gallons; 100 Gallons; 400 Gallons; 15 Gallons; 30 Gallons; 350 Pounds; 5 Gallons; 110 Gallons; 60 Pounds; 5 Gallons; 55 Gallons; 275 Gallons; 5 Pounds; 110 Gallons; 40 Pounds; 480 Pounds; 3600 Pounds; 25 Pounds; 8 Pounds; 100 Pounds; 400 Pounds; 330 Gallons; 50 Pounds; 8 Pounds; 10 Pounds; 50 Pounds; 70 Pounds; 400 Pounds; 360 Pounds; 80 Pounds; 140 Gallons; 3600 Pounds; 80 Pounds; 160 Pounds; 216 Pounds; 60 Pounds; 40 Pounds; 20 Pounds; 60 Pounds; 78 Pounds; 4500 Pounds; 60 Pounds; 50 Pounds; 30 Gallons; 10 Pounds; 1 Pounds; 12 Pounds; 2 Pounds; 10 Pounds; 800 Pounds; 60 Pounds; 1 Pounds; 40 Pounds; 32 Pounds; 20 Pounds; 4200 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 2 Pounds; 100 Pounds; 8 Pounds; 400 Pounds; 50 Pounds; 60 Pounds; 5 Pounds; 1 Pounds; 40 Pounds; 50 Pounds; 135 Pounds; 25 Pounds; 150 Pounds; 20 Pounds; 40 Pounds; 400 Pounds; 55 Gallons; 400 Pounds; 200 Pounds; 100 Pounds; 100 Pounds; 10 Pounds; 100 Pounds; 350 Pounds; 4 Gallons; 400 Pounds; 40 Pounds; 10 Pounds; 1 Pounds; 40 Pounds; 1800 Pounds; 110 Gallons; 72 Pounds; 5 Pounds; 160 Pounds; 300 Pounds; 78 Pounds; 100 Pounds; 120 Pounds; 100 Pounds; 50 Pounds; 120 Pounds; 250 Gallons; 200 Pounds; 40 Pounds; 40 Pounds; 100 Gallons; 1600 Pounds; 40 Pounds; 200 Pounds; 250 Pounds; 300 Pounds; 350 Pounds; 100 Pounds; 40 Pounds; 200 Pounds; 60 Pounds; 40 Pounds; 100 Pounds; 50 Pounds; 40 Pounds; 25 Pounds; 5 Gallons; 6 Pounds; 110 Gallons; 80 Pounds; 50 Pounds; 440 Pounds; 100 Pounds; 650 Pounds

1999: 200 Pounds; 1 Pounds; 2 Pounds; 150 Pounds; 25 Pounds; 150 Pounds; 160 Pounds; 150 Pounds; 50 Pounds; 100 Pounds; 140 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 10 Pounds; 100 Pounds; 200 Pounds; 55 Pounds; 120 Pounds; 25 Pounds; 1 Pounds; 40 Pounds; 10 Pounds; 300 Pounds; 100 Pounds; 50 Pounds; 80 Pounds; 50 Pounds; 10 Pounds; 250 Pounds; 70 Pounds; 400 Pounds; 2400 Pounds; 20 Pounds; 400 Pounds; 240 Pounds; 150 Pounds; 240 Pounds; 150 Pounds; 15 Pounds; 50 Pounds; 5 Pounds; 40 Pounds; 5000 Pounds; 200 Pounds; 800 Pounds; 20 Pounds; 50 Pounds; 60 Pounds; 10 Pounds; 2 Pounds; 5 Pounds; 50 Pounds; 10 Pounds; 420 Gallons; 5 Gallons; 100 Pounds; 100 Pounds; 60 Pounds; 80 Pounds; 50 Pounds; 200 Pounds; 100 Pounds; 10 Pounds; 160 Pounds; 60 Pounds; 264 Pounds; 40 Pounds; 5 Pounds; 10 Pounds; 150 Pounds; 300 Pounds; 2 Pounds; 125 Pounds; 64 Pounds; 25 Pounds; 5 Gallons; 120 Pounds; 100 Pounds; 200 Pounds; 12 Pounds; 55 Gallons; 50 Pounds; 800 Pounds; 200 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 800 Pounds; 2000 Pounds; 50 Pounds; 40 Pounds; 15 Pounds; 20 Pounds; 125 Pounds; 2 Pounds; 70 Pounds; 250 Pounds; 50 Pounds; 20 Pounds; 5 Pounds; 150 Pounds; 5 Pounds; 275 Pounds; 3600 Pounds; 30 Pounds; 40 Pounds; 40 Pounds; 1 Pounds; 100 Pounds; 50 Pounds; 30 Pounds; 125 Pounds; 200 Pounds; 400 Pounds; 15 Pounds; 1 Pounds; 1 Pounds; 50 Pounds; 100 Pounds; 200 Pounds; 150 Pounds; 30 Pounds; 210 Pounds; 120 Pounds; 416 Pounds; 50 Pounds; 400 Pounds; 50 Pounds; 300 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 800 Pounds; 25 Pounds; 850 Pounds; 160 Pounds; 50 Pounds; 50 Pounds; 30 Pounds; 2500 Pounds; 200 Pounds; 2 Pounds; 450 Pounds; 25 Pounds; 3 Pounds; 25 Pounds; 10 Pounds; 10 Pounds; 45 Pounds; 1 Pounds; 2 Pounds; 200 Pounds; 1 Pounds; 500 Pounds; 70 Pounds; 40 Pounds; 200 Pounds; 250 Pounds; 900 Pounds; 50 Pounds; 150 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 30 Pounds; 1 Pounds; 10 Pounds; 5 Pounds; 80 Pounds; 150 Pounds; 2 Pounds; 100 Pounds; 10 Pounds; 200 Pounds; 50 Pounds; 150 Pounds; 200 Pounds; 120 Pounds; 200 Pounds; 150 Pounds; 5 Pounds; 10 Pounds; 100 Pounds; 300 Pounds; 150 Pounds; 100 Pounds; 600 Pounds; 40 Pounds; 50 Pounds; 30 Pounds; 400 Pounds; 40 Pounds; 150 Pounds; 55 Gallons; 1000 Pounds; 80 Pounds; 100 Pounds; 10 Pounds; 16 Pounds; 20 Pounds; 250 Pounds; 10 Pounds; 1600 Pounds; 250 Pounds; 50 Pounds; 200 Pounds; 100 Pounds; 50 Pounds; 200 Pounds; 2 Pounds; 70 Pounds; 400 Pounds; 5 Pounds; 400 Pounds; 200 Pounds; 360 Pounds; 100 Pounds; 8 Pounds; 240 Pounds; 50 Pounds; 400 Pounds; 60 Pounds; 450 Pounds; 30 Pounds; 300 Pounds; 5 Pounds; 250 Pounds; 400 Pounds; 1600 Pounds; 120 Pounds; 240 Pounds; 100 Pounds; 50 Pounds; 30 Pounds; 400 Pounds; 1200 Pounds; 70 Pounds; 90 Pounds; 600 Pounds; 12 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 1 Pounds; 5 Pounds; 1 Pounds; 10 Pounds; 325 Pounds; 60 Pounds; 166 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 10 Pounds; 3200 Pounds; 176 Pounds; 40 Pounds; 100 Pounds

2000: 10 Pounds; 5 Pounds; 1 Pounds; 50 Pounds; 40 Pounds; 160 Pounds; 200 Pounds; 100 Pounds; 25 Pounds; 5 Pounds; 200 Pounds; 200 Pounds; 45 Pounds; 8 Gallons; 2 Gallons; 10 Gallons; 40 Pounds; 10 Pounds; 30 Pounds; 1 Pounds; 2 Gallons; 33 Gallons; 60 Gallons; 70 Pounds; 80 Pounds; 60 Pounds; 3 Pounds; 30 Pounds; 15 Pounds; 10 Pounds; 80 Gallons; 30 Gallons; 2 Gallons; 50 Pounds; 40 Pounds; 20 Pounds; 50 Pounds; 40 Pounds; 100 Pounds; 5 Pounds; 150 Pounds; 1 Pounds; 15 Pounds; 100 Pounds; 4 Pounds; 10 Pounds; 50 Pounds; 30 Pounds; 80 Pounds; 100 Pounds; 165 Gallons; 350 Pounds; 960 Pounds; 400 Pounds; 20 Pounds; 50 Pounds; 40 Pounds; 50 Pounds; 350 Pounds; 20 Pounds; 200 Pounds; 50 Pounds; 150 Pounds; 150 Pounds; 10 Pounds; 140 Pounds; 1 Pounds; 30 Pounds; 20 Pounds; 10 Pounds; 100 Pounds; 150 Pounds; 200 Pounds; 75 Pounds; 20 Pounds; 10 Pounds; 2 Pounds; 10 Pounds; 50 Pounds; 10 Pounds; 50 Pounds; 40 Pounds; 80 Pounds; 2 Pounds; 400 Pounds; 100 Pounds; 60 Pounds; 20 Pounds; 160 Pounds; 200 Pounds; 10 Pounds; 100 Pounds; 20 Pounds; 50 Pounds; 5 Pounds; 10 Pounds; 50 Pounds; 25 Pounds; 10 Pounds; 50 Pounds; 20 Pounds; 600 Pounds; 80 Pounds; 5 Pounds; 4000 Pounds; 1 Pounds; 5 Pounds; 700 Pounds; 500 Pounds; 40 Pounds; 10 Pounds; 10 Pounds; 250 Pounds; 100 Pounds; 10 Pounds; 165 Gallons; 8 Gallons; 15 Pounds; 10 Gallons; 20 Pounds; 100 Pounds; 70 Pounds; 3 Pounds; 1 Pounds; 1 Pounds; 630 Pounds; 5 Pounds; 20 Pounds; 50 Pounds; 15 Pounds; 30 Pounds; 20 Pounds; 30 Pounds; 20 Pounds; 10 Pounds; 200 Pounds; 30 Pounds; 1 Pounds; 50 Pounds; 30 Pounds; 50 Pounds; 5 Pounds; 320 Pounds; 24 Pounds; 40 Pounds; 30 Pounds; 80 Pounds; 20 Pounds; 20 Pounds; 80 Pounds; 1 Pounds; 100 Pounds; 20 Pounds; 50 Pounds; 150 Pounds; 40 Pounds; 30 Pounds; 50 Pounds; 1 Pounds; 50 Pounds; 1 Pounds; 5 Pounds; 9 Pounds; 20 Pounds; 4 Pounds; 10 Pounds; 1 Pounds; 50 Pounds; 15 Pounds; 150 Pounds; 10 Pounds; 20

Pounds; 10 Pounds; 5 Pounds; 5 Pounds; 1200 Pounds; 40 Pounds; 30 Pounds; 300 Pounds; 5 Pounds; 5 Pounds; 600 Pounds; 2 Pounds; 20 Pounds; 100 Pounds; 580 Pounds; 400 Pounds; 50 Pounds; 43 Pounds; 40 Pounds; 30 Pounds; 450 Pounds; 200 Pounds; 20 Pounds; 80 Pounds; 300 Pounds; 2 Pounds; 1 Pounds; 1150 Pounds; 25 Pounds; 2 Pounds; 200 Pounds; 80 Pounds; 400 Pounds; 80 Pounds; 100 Pounds; 100 Pounds; 30 Pounds; 5 Pounds; 300 Pounds; 10 Pounds; 5 Pounds; 60 Pounds; 75 Pounds; 200 Pounds; 10 Pounds; 60 Pounds; 200 Pounds; 5 Pounds; 1600 Pounds; 15 Pounds; 250 Pounds; 10 Pounds; 400 Pounds; 50 Pounds; 10 Pounds; 15 Pounds; 300 Pounds; 5 Pounds; 4 Pounds; 80 Pounds; 460 Pounds; 25 Pounds; 20 Pounds; 1 Pounds; 15 Pounds; 20 Pounds; 10 Pounds; 20 Pounds; 10 Pounds; 100 Pounds; 10 Gallons; 10 Pounds; 10 Pounds; 200 Pounds; 250 Pounds; 80 Pounds; 20 Pounds; 50 Pounds; 20 Pounds; 30 Pounds; 800 Pounds; 80 Gallons; 480 Pounds; 40 Pounds; 160 Pounds; 200 Pounds; 50 Pounds; 15 Pounds; 16 Pounds; 10 Pounds; 150 Pounds; 200 Pounds; 1000 Pounds; 20 Pounds; 5 Pounds; 10 Pounds; 20 Pounds; 80 Pounds; 20 Pounds; 20 Pounds; 400 Pounds; 20 Pounds; 40 Pounds; 500 Pounds; 40 Pounds; 400 Pounds; 15 Pounds; 100 Pounds; 10 Pounds; 150 Pounds; 100 Pounds; 5 Pounds; 30 Pounds; 40 Pounds; 2 Pounds; 60 Pounds; 10 Pounds; 2 Gallons; 150 Pounds; 50 Pounds; 40 Pounds; 400 Pounds; 2000 Pounds; 10 Pounds; 30 Pounds; 50 Pounds; 250 Pounds; 30 Gallons; 1 Pounds; 250 Pounds; 250 Pounds; 150 Pounds; 5 Pounds; 10 Pounds; 10 Pounds; 125 Pounds; 5 Pounds; 120 Pounds; 240 Pounds; 200 Pounds

2001: 400 Pounds; 3000 Pounds; 400 Pounds; 1550 Pounds; 40 Pounds; 102 Pounds; 20 Pounds; 100 Pounds; 2 Pounds; 150 Pounds; 40 Pounds; 200 Pounds; 7 Pounds; 40 Pounds; 400 Pounds; 5 Pounds; 400 Pounds; 3200 Pounds; 400 Pounds; 1600 Pounds; 10 Pounds; 40 Pounds; 40 Pounds; 15 Pounds; 550 Pounds; 100 Pounds; 50 Pounds; 4 Gallons; 100 Pounds; 100 Pounds; 400 Pounds; 24 Pounds; 100 Pounds; 400 Pounds; 70 Pounds; 50 Pounds; 400 Pounds; 100 Pounds; 400 Pounds; 50 Pounds; 200 Pounds; 4400 Pounds; 50 Pounds; 10 Pounds; 150 Pounds; 1600 Pounds; 40 Pounds; 150 Pounds; 100 Pounds; 5 Pounds; 10 Pounds; 40 Pounds; 2800 Pounds; 80 Pounds; 400 Pounds; 25 Pounds; 2400 Pounds; 100 Pounds; 1200 Pounds; 400 Pounds; 600 Pounds; 500 Pounds; 20 Pounds; 300 Pounds; 8 Pounds; 50 Pounds; 240 Pounds; 10 Pounds; 1 Pounds; 50 Pounds; 9 Pounds; 10 Pounds; 10 Pounds; 70 Pounds; 5 Pounds; 20 Pounds; 20 Pounds; 2 Pounds; 220 Gallons; 60 Pounds; 3200 Pounds; 1600 Pounds; 4400 Pounds; 800 Pounds; 1000 Pounds; 40 Pounds; 1200 Pounds; 80 Pounds; 25 Pounds; 19600 Pounds; 26800 Pounds; 400 Pounds; 40 Pounds; 300 Pounds; 1300 Pounds; 2000 Pounds; 200 Pounds; 20 Pounds; 25 Pounds; 400 Pounds; 10 Pounds; 1600 Pounds; 120 Pounds; 200 Pounds; 50 Pounds; 20 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 400 Pounds; 1200 Pounds; 400 Pounds; 30 Pounds; 100 Pounds; 300 Pounds; 20 Pounds; 800 Pounds; 400 Pounds; 100 Pounds; 2800 Pounds; 4800 Pounds; 150 Pounds; 400 Pounds; 360 Pounds; 10 Pounds; 60 Pounds; 30 Pounds; 5 Pounds; 1 Pounds; 50 Pounds; 250 Pounds; 250 Pounds; 400 Pounds; 50 Pounds; 1000 Pounds; 1200 Pounds; 1000 Pounds; 8 Gallons; 10 Pounds; 280 Pounds; 300 Pounds; 1 Pounds; 50 Pounds; 20 Pounds; 1600 Pounds; 20 Pounds; 10 Pounds; 50 Pounds; 100 Pounds; 1000 Pounds; 30 Pounds; 10 Pounds; 50 Pounds; 100 Pounds; 25 Pounds; 10 Pounds; 60 Pounds; 8 Pounds; 30 Pounds; 400 Pounds; 6400 Pounds; 1 Pounds; 100 Pounds; 800 Pounds; 55 Gallons; 7 Pounds; 2 Pounds; 5 Pounds; 20 Pounds; 20 Pounds; 15 Pounds; 5 Pounds; 100 Pounds; 45 Pounds; 800 Pounds; 25 Pounds; 60 Pounds; 20 Pounds; 10 Pounds; 50 Pounds; 1200 Pounds; 150 Pounds; 15 Pounds; 50 Pounds; 20 Pounds; 1 Pounds; 400 Pounds; 2000 Pounds; 5 Pounds; 45 Pounds; 20 Pounds; 30 Pounds; 55 Gallons; 1600 Pounds; 400 Pounds; 1 Pounds; 1 Pounds; 15 Pounds; 50 Pounds; 1 Pounds; 50 Pounds; 80 Pounds; 150 Pounds; 10 Pounds; 400 Pounds; 100 Pounds; 180 Pounds; 10 Pounds; 200 Pounds; 400 Pounds; 15 Pounds; 400 Pounds; 1200 Pounds; 60 Pounds; 1800 Pounds; 5 Pounds; 180 Pounds; 120 Pounds; 320 Pounds; 60 Pounds; 1200 Pounds; 3 Gallons; 20 Pounds; 5 Pounds; 40 Pounds; 200 Pounds; 60 Pounds; 40 Pounds; 10 Pounds; 60 Pounds; 60 Pounds; 100 Pounds; 60 Pounds; 60 Pounds; 400 Pounds; 80 Pounds; 50 Pounds; 100 Pounds; 5 Pounds; 80 Pounds; 10 Pounds; 20 Pounds; 400 Pounds; 25 Pounds; 1 Pounds; 80 Pounds; 3 Pounds; 50 Pounds; 800 Pounds; 4400 Pounds

2002: 50 Pounds; 100 Pounds; 50 Pounds; 60 Pounds; 20 Pounds; 400 Pounds; 30 Pounds; 30 Pounds; 40 Pounds; 40 Pounds; 30 Pounds; 10 Pounds; 10 Pounds; 400 Pounds; 50 Pounds; 50 Pounds; 2 Pounds; 80 Pounds; 50 Pounds; 40 Pounds; 300 Pounds; 4 Pounds; 400 Pounds; 750 Pounds; 800 Pounds; 3 Pounds; 50 Pounds; 50 Pounds; 120 Pounds; 100 Pounds; 1 Pounds; 20 Pounds; 100 Pounds; 15 Pounds; 40 Pounds; 8 Pounds; 1 Pounds; 15 Pounds; 2 Pounds; 1 Pounds; 180 Pounds; 20 Pounds; 2 Pounds; 1 Pounds; 3600 Pounds; 30 Pounds; 160 Pounds; 10 Pounds; 50 Pounds; 5 Pounds; 40 Pounds; 2 Pounds; 400 Pounds; 100 Pounds; 6 Pounds; 20 Pounds; 15 Pounds; 1 Pounds; 280 Pounds; 50 Pounds; 40 Pounds; 1 Pounds; 50 Pounds; 40 Pounds; 10 Pounds; 20 Pounds; 15 Pounds; 1 Pounds; 50 Pounds; 20 Pounds; 10 Pounds; 20 Pounds; 2 Pounds; 2 Pounds; 20 Pounds; 20 Pounds; 30 Pounds; 3 Gallons; 50 Pounds; 20 Pounds; 20 Pounds; 150 Pounds; 40 Pounds; 20 Pounds; 20 Pounds; 15 Pounds; 50 Pounds; 7 Pounds; 5 Pounds; 40 Pounds; 150 Pounds; 20 Pounds; 20 Pounds; 1250 Pounds; 400 Pounds; 3500 Pounds; 20 Pounds; 10 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 200 Pounds; 5 Pounds; 50 Pounds; 100 Pounds; 10 Pounds; 10 Pounds; 120 Pounds; 160 Pounds; 20 Pounds; 150 Pounds; 2 Pounds; 1 Pounds; 50 Pounds; 80 Pounds; 50 Pounds; 50 Pounds; 400 Pounds; 2 Pounds; 30 Pounds; 10 Pounds; 1200 Pounds; 5 Pounds; 20 Pounds; 20 Pounds; 100 Pounds; 20 Pounds; 50 Pounds; 40 Pounds; 400 Pounds; 3 Pounds; 700 Pounds; 40 Pounds; 40 Pounds; 55 Pounds; 1 Pounds; 20 Pounds; 4 Pounds; 1 Pounds; 15 Pounds; 10 Pounds; 3 Pounds; 1 Pounds; 80 Pounds; 2 Pounds; 4 Pounds; 20 Pounds; 20 Pounds; 120 Pounds; 40 Pounds; 50 Pounds; 20 Pounds; 5 Pounds; 600 Pounds; 40 Pounds; 20 Pounds; 6 Pounds; 1 Pounds; 1 Pounds; 400 Pounds; 80 Pounds; 1 Pounds; 120 Pounds; 10 Pounds; 1200 Pounds; 40 Pounds; 60 Pounds; 200 Pounds; 2 Pounds; 5 Pounds; 20 Pounds; 20 Pounds; 4 Pounds; 5 Pounds; 240 Pounds; 2 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 50 Pounds; 10 Pounds; 5 Pounds; 20 Pounds; 40 Pounds; 20 Pounds; 15 Pounds; 20 Pounds; 50 Pounds; 30 Pounds; 20 Pounds; 50 Pounds; 50 Pounds; 40 Pounds; 20 Pounds; 40 Pounds; 400 Pounds; 80 Pounds

2003: 200 Pounds; 3 Pounds; 48 Pounds; 1 Pounds; 1 Pounds; 10 Pounds; 5 Pounds; 40 Pounds; 100 Pounds; 60 Pounds; 10 Pounds; 50 Pounds; 5 Pounds; 50 Pounds; 5 Pounds; 50 Pounds; 50 Pounds; 800 Pounds; 50 Pounds; 50 Pounds; 2 Pounds; 40 Pounds; 10 Pounds; 40 Pounds; 5 Pounds; 80 Pounds; 200 Pounds; 100 Pounds; 10 Pounds; 25 Pounds; 5 Pounds; 10 Pounds; 440 Pounds; 30 Pounds; 40 Pounds; 50 Pounds; 6 Pounds; 2960 Pounds; 5 Pounds; 1 Pounds; 320 Pounds; 80 Pounds; 10 Pounds; 2 Pounds; 50 Pounds; 50 Pounds; 40 Pounds; 30 Pounds; 10 Pounds; 20 Pounds; 160 Pounds; 10 Pounds; 10 Pounds; 5 Pounds; 50 Pounds; 20 Pounds; 50 Pounds; 80 Pounds; 30 Pounds; 5 Pounds; 50 Pounds; 10 Pounds; 10 Pounds; 400 Gallons; 10 Pounds; 50 Pounds; 400 Pounds; 5 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 5 Pounds; 10 Pounds; 1400 Pounds; 70 Pounds; 1 Pounds; 3 Pounds; 40 Pounds; 5 Pounds; 3 Pounds; 500 Pounds; 700 Pounds; 80 Pounds; 5 Pounds; 50 Pounds; 1 Pounds; 100 Pounds; 5 Pounds; 5 Pounds; 10 Pounds; 100 Pounds; 2 Pounds; 28 Pounds; 8 Pounds; 5 Pounds; 400 Pounds; 80 Pounds; 20 Pounds; 1 Pounds; 3 Pounds; 30 Pounds; 40 Pounds; 20 Pounds; 1 Pounds; 1 Pounds; 100 Pounds; 80 Pounds; 15 Pounds; 3 Pounds; 25 Pounds; 1 Pounds; 50 Pounds; 40 Pounds; 30 Pounds; 50 Pounds; 50 Pounds; 400 Pounds; 50 Pounds; 15 Pounds; 40 Pounds; 20 Pounds; 50 Pounds; 240 Pounds; 8 Pounds; 5 Pounds; 20 Pounds; 15 Pounds; 25 Pounds; 50 Pounds; 1 Pounds; 240 Pounds; 15 Pounds; 30 Pounds; 400 Pounds; 2 Pounds; 150 Pounds; 120 Pounds; 60 Pounds; 10 Pounds; 10 Pounds; 5 Pounds; 25 Pounds; 400 Pounds; 2300 Pounds; 50 Pounds; 2 Pounds; 40 Pounds; 5 Pounds; 85 Pounds; 15 Pounds; 7 Pounds; 1 Pounds; 80 Pounds; 50 Pounds; 3080 Pounds; 200 Pounds; 3 Pounds; 400 Pounds; 200 Pounds; 25 Pounds; 10 Pounds; 1 Pounds; 80 Pounds; 3 Pounds; 10 Pounds; 12 Pounds; 3 Pounds; 140 Pounds; 2 Pounds; 10 Pounds; 20 Pounds; 5 Pounds; 50 Pounds; 5 Pounds; 240 Pounds; 20 Pounds; 5 Pounds; 8 Pounds; 5 Pounds; 15 Pounds; 40 Pounds; 80 Pounds; 25 Pounds; 1 Pounds; 5 Pounds; 600 Pounds; 36 Pounds; 80 Pounds; 1 Pounds; 80 Pounds; 5 Pounds; 50 Pounds; 30 Pounds; 6 Pounds; 40 Pounds; 5 Pounds; 25 Pounds; 50 Pounds; 40 Pounds; 10 Pounds; 25 Pounds; 30 Pounds; 5 Pounds; 20 Pounds; 5 Pounds; 20 Pounds; 2 Pounds; 8 Pounds; 10 Pounds; 100 Pounds; 80 Pounds; 5 Pounds; 20 Pounds; 17 Pounds; 10 Pounds; 1 Pounds; 50 Pounds; 240 Pounds; 30 Pounds; 16 Pounds; 1 Pounds; 10 Pounds; 5 Pounds; 1 Pounds; 15 Pounds; 10 Pounds; 2 Pounds; 200 Pounds; 2 Pounds; 25 Pounds; 80 Pounds; 30 Pounds; 100 Pounds; 500 Pounds; 50 Pounds; 10 Pounds; 20 Pounds; 10 Pounds; 5 Pounds; 2250 Pounds; 400 Pounds; 60 Pounds; 5 Pounds; 100 Pounds; 80 Pounds

2004: 1 Gallons; 5 Pounds; 355 Pounds; 40 Pounds; 40 Pounds; 10 Pounds; 10 Pounds; 40 Pounds; 10 Pounds; 30 Pounds; 10 Pounds; 1 Pounds; 80 Pounds; 10 Pounds; 30 Pounds; 50 Pounds; 40 Pounds; 1 Pounds; 50 Pounds; 6 Pounds; 10 Pounds; 40 Pounds; 150 Pounds; 25 Pounds; 50 Pounds; 20 Pounds; 8 Pounds; 150 Pounds; 50 Pounds; 1 Pounds; 40 Pounds; 700 Pounds; 20 Pounds; 10 Pounds; 110 Gallons; 10 Pounds; 30 Pounds; 8 Pounds; 400 Pounds; 1 Pounds; 2 Pounds; 3 Pounds; 3 Pounds; 80 Pounds; 6 Pounds; 10 Pounds; 45 Pounds; 50 Pounds; 10 Pounds; 50 Pounds; 40 Gallons; 40 Pounds; 60 Pounds; 50 Pounds; 80 Pounds; 65 Pounds; 2 Pounds; 1 Pounds; 50 Pounds; 1 Gallons; 5 Pounds; 140 Pounds; 5 Pounds; 40 Pounds; 50 Pounds; 10 Pounds; 30 Pounds; 8 Pounds; 1 Pounds; 42 Pounds; 1 Gallons; 10 Pounds; 60 Pounds; 50 Pounds; 1 Pounds; 2 Pounds; 5 Pounds; 5 Pounds; 30 Pounds; 1 Pounds; 2 Pounds; 240 Pounds; 5 Pounds; 320 Pounds; 40 Pounds; 40 Pounds; 10 Pounds; 50 Pounds; 50 Pounds; 80 Pounds; 10 Pounds; 50 Pounds; 3 Pounds; 34 Pounds; 20 Pounds; 16 Pounds; 60 Pounds; 50 Pounds; 50 Pounds; 5 Pounds; 5 Pounds; 200 Pounds; 50 Pounds; 160 Pounds; 40 Pounds; 165 Gallons; 50 Pounds; 40 Pounds; 20 Pounds; 8 Pounds; 20 Pounds; 760 Pounds; 8 Pounds; 55 Gallons; 60 Pounds; 20 Pounds; 50 Pounds; 30 Pounds; 150 Pounds; 12 Pounds; 30 Pounds; 10 Pounds; 15 Pounds; 10 Pounds; 1 Gallons; 10 Pounds; 100 Pounds; 15 Pounds; 50 Gallons; 55 Gallons; 150 Pounds; 10 Pounds; 70 Pounds; 1251 Pounds; 4 Pounds; 2 Pounds; 270 Pounds; 5 Gallons; 15 Gallons; 50 Pounds; 20 Pounds; 1200 Pounds; 600 Pounds; 200 Pounds; 15 Pounds; 80 Pounds; 5 Pounds; 2 Pounds; 300 Pounds; 40 Pounds; 10 Pounds; 10 Pounds; 10 Pounds; 30 Pounds; 1 Pounds; 20 Pounds; 8 Pounds; 40 Pounds; 5 Pounds; 320 Pounds; 120 Pounds; 45 Pounds; 4 Pounds; 300 Pounds; 5 Pounds; 700 Pounds; 4000 Pounds; 10 Pounds; 20 Pounds; 10 Pounds; 40 Pounds; 10 Pounds; 3 Pounds; 400 Pounds; 10 Pounds; 15 Pounds; 30 Pounds; 50 Pounds; 30 Pounds; 8 Pounds; 5 Pounds; 80 Pounds; 10 Pounds; 100 Pounds; 10 Pounds; 10 Pounds; 25 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 50 Pounds; 20 Pounds; 55 Gallons; 40 Pounds; 10 Pounds; 160 Pounds; 2 Pounds; 280 Pounds; 50 Gallons; 150 Pounds; 110 Gallons; 417 Pounds; 45 Pounds; 5 Pounds; 10 Pounds; 30 Pounds; 10 Pounds; 50 Pounds; 10 Pounds; 60 Pounds; 50 Pounds; 5 Pounds; 20 Pounds; 980 Pounds; 115 Pounds; 170 Pounds; 400 Pounds; 15 Pounds; 700 Pounds; 1800 Pounds; 2 Pounds; 10 Pounds; 165 Gallons; 160 Pounds; 16 Pounds; 55 Gallons
2005: 1 Pounds; 8 Pounds; 135 Pounds; 80 Pounds; 20 Pounds; 2 Pounds; 50 Pounds; 20 Pounds; 40 Pounds; 50 Pounds; 20 Pounds; 2 Pounds; 30 Pounds; 2 Pounds; 50 Pounds; 200 Pounds; 1 Pounds; 100 Pounds; 20 Pounds; 800 Pounds; 10 Pounds; 100 Pounds; 170 Pounds; 1 Pounds; 20 Pounds; 15 Pounds; 8 Pounds; 8 Pounds; 400 Pounds; 5 Pounds; 80 Pounds; 10 Pounds; 10 Pounds; 20 Pounds; 50 Pounds; 20 Pounds; 60 Pounds; 5 Pounds; 55 Gallons; 1 Pounds; 20 Pounds; 55 Gallons; 30 Pounds; 30 Pounds; 220 Gallons; 50 Pounds; 50 Pounds; 4 Pounds; 5 Pounds; 2 Pounds; 1 Pounds; 43 Pounds; 3 Pounds; 80 Pounds; 10 Pounds; 40 Pounds; 10 Pounds; 20 Pounds; 5 Pounds; 30 Pounds; 200 Pounds; 1060 Pounds; 20 Pounds; 150 Pounds; 8 Pounds; 1 Pounds; 35 Pounds; 25 Pounds; 50 Pounds; 30 Pounds; 6 Pounds

Manifest Information

Waste Code(s):

D003: REACTIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1980/1981: 50 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 170 Pounds; 50 Cubic yards; 100 Pounds; 150 Pounds; 49 Pounds; 50 Pounds; 100 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 54 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 350 Pounds; 100 Pounds; 50 Pounds; 200 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 120 Pounds; 50 Pounds; 50 Pounds; 134 Pounds; 80 Pounds; 200 Pounds; 150 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 300 Pounds; 150 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Gallons; 50 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 2 Pounds
1982: 10 Pounds; 10 Pounds; 30 Pounds; 20 Pounds; 5 Pounds; 100 Pounds; 10 Pounds; 50 Pounds; 10 Pounds; 20 Pounds; 50 Pounds; 50 Pounds; 150 Pounds; 2 Pounds; 50 Pounds; 10 Pounds; 5 Pounds; 100 Pounds; 10 Pounds; 2 Pounds; 25 Pounds; 30 Pounds; 8 Pounds; 50 Pounds; 50 Pounds; 6 Pounds; 10 Pounds; 24 Pounds; 5 Pounds; 12 Pounds; 36 Pounds; 3 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 40 Pounds; 10 Pounds; 3 Pounds; 60 Pounds; 30 Pounds; 6 Pounds; 7 Pounds; 40 Pounds; 2 Pounds; 300 Pounds; 150 Pounds; 100 Pounds; 300 Pounds
1983: 8 Pounds; 6 Pounds; 6 Pounds; 15 Pounds; 6 Pounds; 30 Pounds; 2 Pounds; 3 Pounds; 15 Pounds; 48 Pounds; 30 Pounds; 3 Pounds; 6 Pounds; 2 Pounds; 30 Pounds; 5 Pounds; 5 Pounds; 6 Pounds; 10 Pounds; 40 Pounds; 30 Pounds; 12 Pounds; 30 Pounds; 6 Pounds; 2 Pounds; 2 Pounds; 5 Pounds; 2 Pounds; 10 Pounds; 3 Pounds; 6 Pounds; 6 Pounds; 12 Pounds; 4 Pounds; 200 Pounds; 4 Pounds; 200 Pounds; 5 Pounds; 6 Pounds; 5 Pounds; 1 Pounds; 3 Pounds; 3 Pounds; 1 Pounds; 10 Pounds; 12 Pounds; 12 Pounds; 2 Pounds; 5 Pounds; 6 Pounds; 6 Pounds; 6 Pounds; 3 Pounds; 30 Pounds; 2 Pounds; 20 Pounds; 10 Pounds; 10 Pounds; 42 Pounds; 30 Pounds; 16 Pounds; 8 Pounds; 2 Pounds; 2 Pounds; 1 Pounds; 5 Pounds
1984: 12 Pounds
1985: 20 Pounds; 15 Pounds; 5 Pounds; 10 Pounds; 2 Pounds; 5 Pounds; 10 Pounds; 3 Pounds; 75 Pounds; 5 Pounds; 10 Pounds; 60 Pounds; 25 Pounds; 2 Pounds; 24 Pounds; 5 Pounds; 1 Pounds; 5 Pounds; 4 Pounds; 528 Pounds; 25 Pounds; 10 Pounds; 5 Pounds; 18 Pounds; 3 Pounds; 5 Pounds; 10 Pounds; 60 Pounds; 50 Pounds; 10 Pounds; 45 Pounds; 18 Pounds; 1 Pounds; 12 Pounds; 75 Pounds; 4 Pounds; 30 Pounds; 16 Pounds; 5 Pounds; 6 Pounds; 559 Pounds; 24 Pounds; 4 Pounds; 3 Pounds; 10 Pounds; 11 Pounds; 2 Pounds; 1 Pounds; 40 Pounds; 1 Pounds; 10 Pounds; 12 Pounds; 300 Pounds; 8 Pounds; 18 Pounds; 18 Pounds; 5 Pounds; 2 Pounds; 5 Pounds; 5 Pounds; 4 Pounds; 10 Pounds; 10 Pounds; 5 Pounds; 8 Pounds; 10 Pounds; 25 Pounds; 5 Pounds; 5 Pounds; 1620 Pounds; 6 Pounds; 20 Pounds; 12 Pounds; 5 Pounds; 200 Pounds; 15 Pounds; 10 Pounds
1986: 20 Pounds; 20 Pounds; 5 Pounds; 5 Pounds; 3 Pounds; 3 Pounds; 76 Pounds; 5 Pounds; 100 Pounds; 135 Pounds; 5 Pounds; 20 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 10 Pounds; 25 Pounds; 400 Pounds; 20 Pounds; 30 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 10 Pounds; 5 Pounds; 63 Pounds; 10 Pounds; 5 Pounds; 10 Pounds; 20 Pounds; 15 Pounds; 5 Pounds; 25 Pounds; 5 Pounds; 2 Pounds; 5 Pounds; 15 Pounds; 5 Pounds; 25 Pounds; 15 Pounds; 5 Pounds; 3 Pounds; 5 Pounds; 5 Pounds; 40 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 10 Pounds; 200 Pounds; 600 Pounds; 5 Pounds; 8 Pounds; 65 Pounds; 10 Pounds; 5 Pounds; 131 Pounds; 250 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 5 Pounds; 15 Pounds; 1 Pounds; 620 Pounds; 7 Pounds; 20 Pounds; 400 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 35 Pounds; 5 Pounds; 10 Pounds; 4 Pounds; 30 Pounds; 5 Pounds; 5 Pounds; 2 Pounds; 1 Pounds; 15 Pounds; 80 Pounds; 2 Pounds; 30 Pounds; 10 Pounds; 45 Pounds; 20 Pounds; 5 Pounds; 25 Pounds; 1 Pounds; 25 Pounds; 5 Pounds; 60 Pounds; 10 Pounds; 10 Pounds; 5 Pounds; 10 Pounds; 62 Pounds; 5 Pounds; 15 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 15 Pounds; 5 Pounds; 10 Pounds; 3 Pounds; 45 Pounds; 5 Pounds; 10 Pounds; 5 Pounds; 70 Pounds; 5 Pounds; 15 Pounds; 5 Pounds; 15 Pounds; 75 Pounds; 5 Pounds; 45 Pounds; 30 Pounds; 20 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 15 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 1 Pounds; 10 Pounds; 5 Pounds; 10 Pounds; 5 Pounds; 5 Pounds; 15 Pounds; 10 Pounds; 5 Pounds; 4 Pounds; 15 Pounds; 5 Pounds; 15 Pounds; 5 Pounds; 2 Pounds; 5 Pounds; 15 Pounds; 5 Pounds; 10 Pounds; 2 Pounds; 15 Pounds; 15 Pounds; 20 Pounds; 5 Pounds; 4 Pounds; 5 Pounds; 20 Pounds; 300 Pounds; 5 Pounds

1987: 20 Pounds; 30 Pounds; 15 Pounds; 5 Pounds; 1 Pounds; 10 Pounds; 5 Pounds; 5 Pounds; 25 Pounds; 20 Pounds; 10 Pounds; 20 Pounds; 25 Pounds; 25 Pounds; 15 Pounds; 5 Pounds; 250 Pounds; 5 Pounds; 15 Pounds; 10 Pounds; 250 Pounds; 10 Pounds; 15 Pounds; 15 Pounds; 10 Pounds; 30 Pounds; 20 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 30 Pounds; 5 Pounds; 5 Pounds; 10 Pounds; 5 Pounds; 40 Pounds; 1 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 5 Pounds; 30 Pounds; 25 Pounds; 40 Pounds; 1 Pounds; 2 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 30 Pounds; 3 Pounds; 60 Pounds; 10 Pounds; 10 Pounds; 2 Pounds; 5 Pounds; 3 Pounds; 10 Pounds; 68 Pounds; 1200 Pounds; 25 Pounds; 300 Pounds; 25 Pounds; 3 Pounds; 10 Pounds; 100 Pounds; 10 Pounds; 10 Pounds; 5 Pounds; 433 Pounds; 40 Pounds; 10 Pounds; 25 Pounds; 20 Pounds; 15 Pounds; 5 Pounds; 25 Pounds; 15 Pounds; 20 Pounds; 35 Pounds; 25 Pounds; 22 Pounds; 15 Pounds; 5 Pounds; 5 Pounds; 10 Pounds; 5 Pounds; 5 Pounds; 10 Pounds; 3600 Pounds; 15 Pounds; 1 Pounds; 15 Pounds; 45 Pounds; 5 Pounds; 5 Pounds; 10 Pounds; 5 Gallons; 5 Pounds; 10 Pounds; 30 Pounds; 2 Pounds; 25 Pounds; 1 Pounds; 5 Pounds; 100 Pounds; 5 Pounds

1988: 8 Pounds; 5 Pounds; 1 Pounds; 15 Pounds; 2 Pounds; 80 Pounds; 10 Pounds; 15 Pounds; 15 Pounds; 1 Pounds; 20 Pounds; 15 Pounds; 120 Pounds; 200 Pounds; 5 Pounds; 4 Pounds; 1 Pounds; 16 Pounds; 5 Pounds; 2 Pounds; 25 Pounds; 1 Pounds; 5 Pounds; 15 Pounds; 10 Pounds; 1 Pounds; 5 Pounds; 38 Pounds; 5 Pounds; 20 Pounds; 20 Pounds; 60 Pounds; 5 Pounds; 20 Pounds; 200 Pounds; 7 Pounds; 20 Pounds; 25 Pounds; 24 Pounds; 5 Pounds; 4 Pounds; 25 Pounds; 24 Pounds; 2 Pounds; 25 Pounds; 4 Pounds; 35 Pounds; 1 Pounds; 2 Pounds; 25 Pounds; 50 Pounds; 22 Pounds; 10 Pounds; 6 Pounds; 5 Pounds; 7 Pounds; 15 Pounds; 5 Pounds; 5 Pounds; 1 Pounds; 35 Pounds; 7 Pounds; 2 Pounds; 3 Pounds; 3 Pounds; 3 Pounds; 25 Pounds; 35 Pounds; 10 Pounds; 25 Pounds; 25 Pounds; 30 Pounds; 15 Pounds; 110 Gallons; 10 Pounds; 5 Pounds; 5 Pounds; 4 Pounds; 5 Pounds; 10 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 40 Pounds; 1 Pounds; 5 Pounds; 100 Pounds; 3 Pounds; 3 Pounds; 25 Pounds; 10 Pounds; 2 Pounds; 5 Pounds; 18 Pounds; 5 Pounds; 90 Pounds; 5 Pounds; 15 Pounds; 50 Pounds; 80 Pounds; 5 Pounds; 1 Pounds; 1 Pounds; 50 Pounds; 50 Pounds; 150 Pounds; 3000 Pounds; 50 Pounds; 38 Pounds; 1350 Pounds; 400 Pounds; 4350 Pounds; 50 Pounds; 10 Pounds; 2 Pounds; 5 Pounds; 22 Pounds; 200 Pounds; 5 Pounds; 25 Pounds; 25 Pounds; 5 Pounds; 5 Pounds; 15 Pounds; 43 Pounds; 35 Pounds; 3 Pounds; 25 Pounds

1989: 32 Pounds; 30 Pounds; 18 Pounds; 15 Pounds; 1 Pounds; 5 Pounds; 1 Pounds; 20 Pounds; 5 Pounds; 20 Pounds; 4 Pounds; 1 Pounds; 5 Pounds; 15 Pounds; 8 Pounds; 5 Pounds; 10 Pounds; 20 Pounds; 25 Pounds; 25 Pounds; 5 Pounds; 2 Pounds; 5 Pounds; 29 Pounds; 100 Pounds; 5 Pounds; 33 Pounds; 2 Pounds; 5 Pounds; 5 Pounds; 2 Pounds; 3 Pounds; 5 Pounds; 1 Pounds; 2 Pounds; 5 Pounds; 10 Pounds; 5 Pounds; 3 Pounds; 1 Pounds; 5 Pounds; 1 Pounds; 1 Pounds; 1 Pounds; 35 Pounds; 2 Pounds; 5 Pounds; 5 Pounds; 10 Pounds; 100 Pounds; 17 Pounds; 7 Pounds; 2 Pounds; 4 Pounds; 2 Pounds; 7 Pounds; 400 Pounds; 17 Pounds; 1 Pounds; 7 Pounds; 2 Pounds; 80 Pounds; 10 Pounds; 8 Pounds; 1 Pounds; 100 Pounds; 2 Pounds; 40 Pounds; 3 Pounds; 5 Pounds; 5 Pounds; 10 Pounds; 50 Pounds; 100 Pounds; 53 Pounds; 3 Pounds; 4 Pounds; 50 Pounds; 15 Pounds; 4 Pounds; 30 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 150 Pounds; 5 Pounds; 35 Pounds; 32 Pounds; 4 Pounds; 2 Pounds; 5 Pounds; 6 Pounds; 80 Pounds; 2 Pounds; 110 Pounds; 10 Pounds; 26 Pounds; 7 Pounds; 2 Pounds; 800 Pounds; 3 Pounds; 960 Pounds; 5 Pounds; 10 Pounds; 16 Pounds; 5 Pounds; 4 Pounds; 5 Pounds; 7 Pounds; 3 Pounds; 20 Pounds; 2 Pounds; 20 Pounds; 10 Pounds; 25 Pounds; 40 Pounds; 1 Pounds; 5 Pounds; 1 Pounds; 12 Pounds; 5 Pounds; 200 Pounds; 1 Pounds; 10 Pounds; 5 Pounds; 2 Pounds

1990: 50 Pounds; 18 Pounds; 2 Pounds; 7 Pounds; 74 Pounds; 1 Pounds; 40 Pounds; 6 Pounds; 20 Pounds; 15 Pounds; 7 Pounds; 1 Pounds; 9 Pounds; 2 Pounds; 5 Pounds; 1 Pounds; 15 Pounds; 1 Pounds; 3 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 10 Pounds; 10 Pounds; 5 Pounds; 32 Pounds; 1 Pounds; 35 Pounds; 1 Pounds; 3 Pounds; 50 Pounds; 1 Pounds; 1 Pounds; 3 Pounds; 5 Pounds; 2 Pounds; 15 Pounds; 2 Pounds; 25 Pounds; 4 Pounds; 5 Pounds; 1 Pounds; 100 Pounds; 5 Pounds; 100 Pounds; 100 Pounds; 1 Pounds; 14 Pounds; 3 Pounds; 5 Pounds; 2 Pounds; 1 Pounds; 10 Pounds; 4 Pounds; 1 Pounds; 5 Pounds; 23 Pounds; 2 Pounds; 2 Pounds; 1 Pounds; 1 Pounds; 5 Pounds; 10 Pounds; 5 Pounds; 5 Pounds; 3 Pounds; 10 Pounds; 234 Pounds; 3 Pounds; 50 Pounds; 5 Pounds; 90 Pounds; 10 Pounds; 5 Pounds; 10 Pounds; 10 Pounds

1991: 7 Pounds; 2 Pounds; 1 Pounds; 10 Pounds; 2 Pounds; 3 Pounds; 41 Pounds; 5 Pounds; 2 Pounds; 1 Pounds; 63 Pounds; 10 Pounds; 6 Pounds; 20 Pounds; 4 Pounds; 6 Pounds; 2 Pounds; 5 Pounds; 1 Pounds; 2 Pounds; 120 Pounds; 2 Pounds; 5 Pounds; 5 Pounds; 2 Pounds; 150 Pounds; 1 Pounds; 10 Pounds; 1 Pounds; 5 Pounds; 56 Pounds; 15 Pounds; 1 Pounds; 10 Pounds; 18 Pounds; 40 Pounds; 1 Pounds; 140 Pounds; 10 Pounds; 10 Pounds; 1 Pounds; 25 Pounds; 1 Pounds; 4 Pounds; 3 Pounds; 3 Pounds; 15 Pounds; 23 Pounds; 16 Pounds; 2 Pounds; 2 Pounds; 1 Pounds; 22 Pounds; 8 Pounds; 1 Pounds; 1 Pounds; 4 Pounds; 100 Pounds; 120 Pounds; 8 Pounds; 1 Pounds; 1 Pounds; 3 Pounds; 20 Pounds; 5 Pounds; 20 Pounds; 3 Pounds; 12 Pounds; 8 Pounds; 1 Pounds; 33 Pounds; 1 Pounds; 8 Pounds; 10 Pounds; 1 Pounds; 3 Pounds

1992: 50 Pounds; 17 Pounds; 2 Pounds; 5 Pounds; 100 Pounds; 13 Pounds; 4 Pounds; 16 Pounds; 2 Pounds; 2 Pounds; 5 Pounds; 50 Pounds; 34 Pounds; 75 Pounds; 100 Pounds; 100 Pounds; 4 Pounds; 10 Pounds; 1 Pounds; 4 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 10 Pounds; 2 Pounds; 16 Pounds; 1 Pounds; 5 Pounds; 100 Pounds; 50 Pounds; 2 Pounds; 1 Pounds; 23 Pounds; 75 Pounds; 50 Pounds; 150 Pounds; 1 Pounds; 12 Pounds; 21 Pounds; 2 Pounds; 8 Pounds; 400 Pounds; 4 Pounds; 2 Pounds; 23 Pounds; 9 Pounds; 100 Pounds; 1 Pounds; 250 Pounds; 8 Pounds; 12 Pounds; 2 Pounds; 65 Pounds; 50 Pounds; 100 Pounds; 5 Pounds; 150 Pounds; 8 Pounds; 1 Pounds; 10 Pounds; 50 Pounds; 10 Pounds; 4 Pounds; 3 Pounds; 150 Pounds; 8 Pounds; 1 Pounds; 1 Pounds; 100 Pounds; 12 Pounds; 1 Pounds; 23 Pounds; 13 Pounds; 11 Pounds; 6 Pounds; 3 Pounds

1993: 50 Pounds; 1 Pounds; 1 Pounds; 9 Pounds; 8 Pounds; 1 Pounds; 5 Pounds; 1 Pounds; 4 Pounds; 2 Pounds; 5 Pounds; 5 Pounds; 7 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 20 Pounds; 6 Pounds; 10 Pounds; 9 Pounds; 40 Pounds; 3 Pounds; 4 Pounds; 4 Pounds; 5 Pounds; 15 Pounds; 2 Pounds; 10 Pounds; 2 Pounds; 10 Pounds; 8 Pounds; 3 Pounds; 10 Pounds; 4 Pounds; 100 Pounds; 8 Pounds; 22 Pounds; 3 Pounds; 1 Pounds; 2 Pounds; 3 Pounds; 20 Pounds; 2 Pounds; 1 Pounds; 13 Pounds; 14 Pounds

1994: 1 Pounds; 1 Pounds; 1 Pounds; 5 Pounds; 175 Pounds; 1 Pounds; 8 Pounds; 5 Pounds; 2 Pounds; 1 Pounds; 1 Pounds; 8 Pounds; 50 Pounds; 1 Pounds; 26 Pounds; 1 Pounds; 5 Pounds; 11 Pounds; 7 Pounds; 10 Pounds; 30 Pounds; 1 Pounds; 6 Pounds; 1 Pounds; 10 Pounds; 30 Pounds; 1 Pounds; 3 Pounds; 22 Pounds; 2 Pounds; 15 Pounds; 1 Pounds

1995: 1 Pounds; 12 Pounds; 100 Pounds; 1 Pounds; 3 Pounds; 1 Pounds; 1 Pounds; 2 Pounds; 80 Pounds; 5 Pounds; 5 Pounds; 3 Pounds; 13 Pounds; 3 Pounds; 15 Pounds; 5 Pounds; 10 Pounds; 1 Pounds; 24 Pounds; 1 Pounds; 3 Pounds; 11 Pounds; 1 Pounds; 21 Pounds; 13 Pounds; 4 Pounds; 10 Pounds; 2 Pounds; 2 Pounds; 1 Pounds; 80 Pounds

1996: 6 Pounds; 1 Pounds; 31 Pounds; 2 Pounds; 2 Pounds; 80 Pounds; 25 Pounds; 3 Pounds; 1 Pounds; 2 Pounds; 42 Pounds; 1 Pounds; 3 Pounds; 5 Pounds; 2 Pounds; 6 Pounds; 15 Pounds; 25 Pounds; 38 Pounds; 18 Pounds; 215 Pounds; 11 Pounds; 200 Pounds; 45 Pounds; 45 Pounds; 5 Pounds; 2 Pounds; 42 Pounds; 25 Pounds; 200 Pounds; 5 Pounds; 5 Pounds; 2 Pounds; 8 Pounds; 2 Pounds; 75 Pounds

1997: 5 Pounds; 10 Pounds; 1 Pounds; 10 Pounds; 40 Pounds; 20 Pounds; 2400 Pounds; 9000 Pounds; 3 Pounds; 90 Pounds; 6 Pounds; 2 Pounds; 5 Pounds; 2 Pounds; 5 Pounds; 800 Pounds; 2 Pounds; 60 Pounds; 40 Pounds; 24 Pounds; 2200 Pounds; 5 Pounds; 1 Pounds; 12 Pounds; 2 Pounds; 90 Pounds; 1 Pounds; 5 Pounds; 6 Pounds; 6 Pounds; 5 Pounds; 50 Pounds; 50 Pounds; 70 Pounds; 10 Pounds; 200 Pounds; 20 Pounds; 28 Pounds; 90 Pounds; 3 Pounds; 1 Pounds; 2 Pounds; 2 Pounds; 2 Pounds; 12 Pounds; 90 Pounds; 5 Pounds; 1000 Pounds; 3 Pounds; 1 Pounds; 2 Pounds; 15 Pounds; 10 Pounds; 5 Pounds; 70 Pounds; 2 Pounds; 6 Pounds; 20 Pounds; 100 Pounds

1998: 20 Pounds; 10 Pounds; 1 Pounds; 600 Pounds; 350 Pounds; 333 Pounds; 2000 Pounds; 7 Pounds; 280 Pounds; 5 Pounds; 7 Pounds; 4 Pounds; 480 Pounds; 20 Pounds; 3 Pounds; 900 Pounds; 18134 Pounds; 10 Pounds; 8 Pounds; 1 Pounds; 8 Pounds; 8 Pounds; 5 Pounds; 5 Pounds; 10 Pounds; 10 Pounds; 5 Pounds; 2 Pounds; 5 Pounds; 1 Pounds; 20 Pounds; 563 Pounds; 20 Pounds; 5 Pounds; 1 Pounds; 30 Pounds; 30 Pounds; 2 Pounds; 5 Pounds; 1 Pounds; 80 Pounds; 5 Pounds; 5 Pounds; 40 Pounds; 7 Pounds; 4 Pounds; 5 Pounds; 2 Pounds; 30 Pounds; 3 Pounds; 10 Pounds; 7 Pounds; 7 Pounds; 10 Pounds; 10 Pounds; 20 Pounds; 20 Pounds; 10 Pounds; 20 Pounds; 2123 Pounds; 8 Pounds; 8 Pounds; 20 Pounds; 80 Pounds; 1 Pounds; 80 Pounds; 10 Pounds; 2 Pounds; 25 Pounds; 3 Pounds; 200 Pounds; 10 Pounds; 2 Pounds; 2 Pounds

1999: 400 Pounds; 20 Pounds; 4 Pounds; 50 Pounds; 40 Pounds; 5 Pounds; 7 Pounds; 40 Pounds; 1 Pounds; 80 Pounds; 1 Pounds; 5 Pounds; 10 Pounds; 1 Pounds; 2 Pounds; 4 Pounds; 5 Pounds; 2 Pounds; 1 Pounds; 5 Pounds; 8 Pounds; 15 Pounds; 800 Pounds
2000: 1 Pounds; 1 Pounds; 1 Pounds; 20 Pounds; 25 Pounds; 20 Pounds; 5 Pounds; 5 Pounds; 40 Pounds; 5 Pounds; 1 Pounds; 5 Pounds; 1 Pounds; 10 Pounds; 1 Pounds; 2 Pounds; 5 Pounds; 3 Pounds; 3 Pounds; 1 Pounds; 1 Pounds; 1 Pounds; 20 Pounds; 1 Pounds; 5 Pounds; 6000 Pounds; 50 Pounds; 1 Pounds; 20 Pounds; 10 Pounds; 5 Pounds; 20 Pounds; 10 Pounds; 5 Pounds; 250 Pounds; 5 Pounds; 1 Pounds; 291 Pounds; 5 Pounds; 20 Pounds; 1 Pounds; 20 Pounds; 1 Pounds; 4 Pounds; 3 Pounds; 1 Pounds
2001: 20 Pounds; 8 Pounds; 10 Pounds; 2 Pounds; 25 Pounds; 1 Pounds; 1 Pounds; 5 Pounds; 50 Pounds; 10 Pounds; 40 Pounds; 1 Pounds; 2 Pounds; 25 Pounds; 30 Pounds; 5 Pounds; 1 Pounds; 10 Pounds
2002: 50 Pounds; 1 Pounds; 5 Pounds; 100 Pounds; 20 Pounds; 32 Pounds; 10 Pounds; 5 Pounds; 20 Pounds; 5 Pounds; 20 Pounds; 5 Pounds; 2 Pounds; 1 Pounds; 20 Pounds; 1 Pounds; 5 Pounds; 10 Pounds; 1 Pounds; 5 Pounds; 5 Pounds; 300 Pounds; 23 Pounds; 2 Pounds; 1 Pounds; 20 Pounds; 10 Pounds; 5 Pounds; 2 Pounds
2003: 3 Pounds; 1 Pounds; 275 Gallons; 5 Pounds; 1 Pounds; 1 Pounds; 20 Pounds; 1 Pounds; 20 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 50 Pounds; 5 Pounds; 2 Pounds; 5 Pounds; 1 Pounds; 30 Pounds; 60 Pounds; 100 Pounds; 2 Pounds; 2 Pounds; 2 Pounds; 4 Pounds; 9 Pounds; 5 Pounds; 5 Pounds; 5 Pounds
2004: 16 Pounds; 1 Pounds; 40 Pounds; 10 Pounds; 3 Pounds; 1 Pounds; 15 Pounds; 20 Pounds; 400 Pounds; 1 Pounds; 30 Pounds; 5 Pounds; 15 Pounds; 5 Pounds; 5 Pounds; 610 Pounds; 10 Pounds; 5 Pounds; 1 Pounds; 20 Pounds; 1 Pounds; 1 Pounds; 5 Pounds; 8 Pounds
2005: 5 Pounds; 6 Pounds; 5 Pounds; 10 Pounds; 5 Pounds; 1 Pounds; 50 Pounds; 1 Pounds; 1 Pounds; 10 Pounds; 20 Pounds; 1 Pounds; 1 Pounds

Manifest Information

Waste Code(s):

U007: (79-06-1) 2-Propenamide

Waste Received By Year:

1986: 3115 Pounds; 19200 Pounds
1988: 150 Pounds; 300 Pounds
1989: 25 Pounds
1991: 80 Pounds; 250 Pounds; 40 Pounds; 250 Pounds; 120 Pounds; 500 Pounds
1992: 50 Pounds; 120 Pounds; 200 Pounds; 40 Pounds
1993: 5 Pounds; 30 Pounds; 10 Pounds
1994: 50 Pounds; 200 Pounds
1995: 30 Pounds; 80 Pounds; 120 Pounds; 240 Pounds; 40 Pounds; 40 Pounds; 160 Pounds; 80 Pounds; 100 Pounds; 40 Pounds; 50 Pounds; 80 Pounds; 100 Pounds
1996: 320 Pounds; 290 Pounds; 500 Pounds; 1000 Pounds; 20 Pounds; 80 Pounds; 80 Pounds; 50 Pounds; 248 Pounds; 40 Pounds; 500 Pounds; 20 Pounds; 80 Pounds; 30 Pounds; 50 Pounds; 80 Pounds; 50 Pounds
1997: 10 Pounds; 50 Pounds; 250 Pounds; 200 Pounds; 200 Pounds; 50 Pounds; 100 Pounds; 100 Pounds; 250 Pounds; 50 Pounds; 50 Pounds; 120 Pounds; 100 Pounds; 100 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 50 Pounds
1998: 100 Pounds; 120 Pounds; 20 Pounds; 15 Pounds; 100 Pounds; 120 Pounds; 50 Pounds; 150 Pounds; 450 Pounds; 100 Pounds; 60 Pounds; 360 Pounds; 200 Pounds; 50 Pounds; 150 Pounds; 100 Pounds
1999: 50 Pounds; 50 Pounds; 10 Pounds; 2 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 40 Pounds; 20 Pounds; 20 Pounds; 50 Pounds; 50 Pounds; 40 Pounds; 10 Pounds; 100 Pounds; 40 Pounds; 30 Pounds; 1000 Pounds
2000: 250 Pounds; 240 Pounds; 5 Pounds; 300 Pounds; 30 Pounds; 50 Pounds; 20 Pounds
2001: 140 Pounds; 150 Pounds; 50 Pounds; 300 Pounds; 100 Pounds; 50 Pounds; 50 Pounds
2002: 50 Pounds; 40 Pounds; 150 Pounds; 30 Pounds; 50 Pounds; 200 Pounds; 350 Pounds; 60 Pounds; 120 Pounds; 100 Pounds; 50 Pounds; 350 Pounds; 50 Pounds
2003: 35 Pounds; 20 Pounds; 150 Pounds; 250 Pounds; 100 Pounds; 10 Pounds; 5 Pounds
2004: 27 Pounds; 50 Pounds; 50 Pounds; 10 Pounds

Manifest Information

Waste Code(s):

U008: (79-10-7) 2-Propenoic acid (I)

Waste Received By Year:

1990: 200 Pounds
1993: 200 Pounds

Manifest Information

Waste Code(s):

U009: (107-13-1) 2-Propenenitrile

Waste Received By Year:

1986: 10 Pounds
1987: 1 Pounds
1988: 10 Pounds
1999: 5 Pounds
2001: 15 Pounds

Manifest Information

Waste Code(s):

U010: (50-07-7) Azirino [2',3': 3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino- 8-[[(aminocarbonyl) oxy] methyl] -1,1a,2,8a,8b-hexahydro- 8a- methoxy-5-methyl-, [1aS- (1aalpha, 8beta, 8aalpha,8balpha)]-

Waste Received By Year:

1990: 240 Gallons
1999: 250 Pounds

Manifest Information

Waste Code(s):

U011: (61-82-5) 1H-1,2,4-Triazol-3-amine

Waste Received By Year:

1988: 150 Pounds

Manifest Information

Waste Code(s):

U012: (62-53-3) Aniline (I,T)

Waste Received By Year:

1986: 270 Pounds; 50 Pounds
1987: 800 Pounds; 250 Pounds
1988: 25 Pounds; 40 Pounds; 250 Pounds; 125 Pounds; 150 Pounds; 200 Pounds
1989: 200 Pounds
1990: 150 Pounds
1991: 50 Pounds; 250 Pounds; 250 Pounds
1993: 39 Pounds; 10 Pounds
1995: 12 Pounds; 80 Pounds
1999: 15 Pounds
2000: 100 Pounds
2001: 20 Pounds
2003: 3 Pounds; 11 Pounds; 25 Pounds; 40 Pounds
2004: 4 Pounds

Manifest Information

Waste Code(s):

U013: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1980/1981: 150 Pounds; 70 Pounds; 100 Gallons; 700 Pounds

1982: 300 Pounds
1983: 150 Pounds; 300 Pounds

Manifest Information

Waste Code(s):

U019: (71-43-2) Benzene (I,T)

Waste Received By Year:

1989: 900 Pounds; 900 Pounds

Manifest Information

Waste Code(s):

U020: (98-09-9) Benzenesulfonic acid chloride (C,R)

Waste Received By Year:

1991: 850 Pounds
2004: 10 Pounds

Manifest Information

Waste Code(s):

D006: CADMIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1984: 1050 Pounds
1987: 800 Pounds; 200 Pounds; 450 Pounds; 400 Pounds; 100 Pounds
1988: 480 Pounds; 75 Pounds
1989: 2000 Pounds
1990: 100 Pounds; 100 Pounds; 200 Pounds; 200 Pounds
1991: 200 Pounds; 16650 Pounds; 40 Pounds; 500 Pounds; 400 Pounds; 10200 Pounds; 40 Pounds; 550 Pounds
1992: 400 Pounds; 300 Pounds; 140 Pounds; 200 Pounds; 3 Pounds
1993: 400 Pounds; 800 Pounds; 80 Pounds; 50 Pounds
1994: 60 Pounds; 240 Pounds; 30 Pounds; 60 Pounds; 120 Pounds; 75 Pounds; 70 Pounds
1995: 800 Pounds; 500 Pounds; 10 Pounds
1996: 40 Pounds; 1200 Pounds; 40 Pounds; 25 Pounds; 800 Pounds; 40 Pounds; 250 Pounds; 400 Pounds; 25 Pounds
1997: 200 Pounds; 300 Pounds; 60 Pounds; 60 Pounds; 100 Pounds; 100 Pounds; 60 Pounds; 50 Pounds; 120 Pounds; 240 Pounds
1998: 15 Pounds
1999: 1000 Pounds; 350 Pounds; 60 Pounds; 640 Pounds; 30 Pounds; 1267 Gallons; 800 Pounds; 50 Pounds; 100 Pounds; 28 Pounds; 20 Pounds; 150 Pounds
2000: 2 Pounds; 250 Pounds; 290 Gallons; 250 Pounds; 250 Pounds; 1109 Pounds; 200 Pounds; 915 Pounds; 2010 Gallons; 150 Pounds; 200 Pounds
2001: 1300 Pounds; 300 Pounds; 250 Pounds; 100 Pounds; 2 Pounds; 240 Pounds; 100 Pounds; 100 Pounds
2002: 500 Pounds; 30 Pounds; 100 Pounds; 100 Pounds; 80 Pounds; 500 Pounds
2003: 160 Pounds; 80 Pounds; 5 Pounds; 50 Pounds; 30 Pounds; 50 Pounds; 80 Pounds; 200 Pounds; 10 Pounds; 150 Pounds; 40 Pounds; 10 Pounds; 500 Pounds; 160 Pounds
2004: 400 Pounds; 30 Pounds; 10 Pounds; 400 Pounds; 100 Pounds; 100 Pounds; 80 Pounds; 80 Pounds; 10 Pounds; 5 Pounds; 350 Pounds; 100 Pounds
2005: 150 Pounds; 80 Pounds; 100 Pounds

Manifest Information

Waste Code(s):

F006: (Generic) Wastewater treatment sludges from electroplating operations, except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum. (T)

Waste Received By Year:

1985: 900 Pounds
1986: 1400 Pounds; 1200 Pounds; 400 Pounds; 450 Pounds
1987: 400 Pounds
1992: 600 Pounds
1993: 400 Pounds
1997: 800 Pounds; 800 Pounds; 450 Pounds
1998: 3200 Pounds; 4400 Pounds; 1200 Pounds; 2000 Pounds; 1600 Pounds; 2800 Pounds; 3600 Pounds; 3850 Pounds
1999: 3000 Pounds; 1000 Pounds
2003: 2240 Pounds

Manifest Information

Waste Code(s):

F007: (Generic) Spent cyanide plating bath solutions from electroplating operations. (R,T)

Waste Received By Year:

1984: 1800 Pounds
1986: 500 Pounds
1988: 200 Pounds
1997: 400 Pounds
1998: 38 Pounds; 4500 Pounds; 6500 Pounds
2000: 400 Pounds
2001: 2400 Pounds; 1800 Pounds
2002: 1800 Pounds; 2000 Pounds

Manifest Information

Waste Code(s):

F008: (Generic) Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process. (R,T)

Waste Received By Year:

1982: 1600 Pounds
1988: 600 Pounds; 600 Pounds
1997: 1100 Pounds; 400 Pounds; 400 Pounds
1998: 3 Cubic yards; 1 Cubic yards; 3600 Pounds; 3000 Pounds

Manifest Information

Waste Code(s):

F009: (Generic) Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process. (R,T)

Waste Received By Year:

1993: 300 Pounds
1997: 800 Pounds

Manifest Information

Waste Code(s):

F012: (Generic) Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process. (T)

Waste Received By Year:

1982: 800 Pounds; 1800 Pounds; 2700 Pounds

2004: 40 Pounds

Manifest Information

Waste Code(s):

D007: CHROMIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1984: 55 Gallons
1985: 275 Gallons; 950 Pounds
1986: 2000 Pounds; 10 Pounds; 200 Pounds; 1000 Pounds; 440 Pounds; 4550 Pounds; 3000 Pounds; 270 Pounds
1987: 1000 Pounds; 1400 Pounds; 25 Pounds; 60 Pounds; 525 Pounds; 3600 Pounds; 400 Pounds; 400 Pounds; 2400 Pounds; 450 Pounds; 4042 Pounds; 250 Pounds; 6500 Pounds; 450 Pounds; 6400 Pounds; 1200 Pounds; 55 Gallons; 1100 Pounds; 3400 Pounds; 150 Pounds
1988: 800 Pounds; 800 Pounds; 800 Pounds; 300 Pounds; 300 Pounds; 55 Gallons; 55 Gallons; 2000 Pounds; 50 Pounds; 600 Pounds; 1600 Pounds; 2000 Pounds
1989: 5 Gallons; 1400 Pounds; 400 Pounds; 300 Pounds; 400 Pounds; 9250 Pounds; 250 Pounds; 400 Pounds
1990: 55 Gallons; 12985 Pounds; 50 Pounds
1991: 1200 Pounds; 1200 Pounds; 400 Pounds; 280 Pounds; 150 Pounds; 300 Pounds; 275 Gallons; 40 Pounds
1992: 9375 Pounds; 800 Pounds; 60 Pounds; 600 Pounds; 300 Pounds; 200 Pounds; 220 Pounds; 400 Pounds; 150 Pounds
1993: 375 Pounds; 40 Pounds; 8500 Pounds; 20 Pounds
1995: 320 Pounds; 40 Pounds; 1750 Pounds; 400 Pounds; 800 Pounds; 3400 Pounds
1996: 240 Pounds; 200 Pounds; 40 Pounds; 50 Pounds; 150 Pounds; 150 Pounds; 200 Pounds; 175 Pounds; 50 Pounds; 50 Pounds; 150 Pounds
1997: 800 Pounds; 20 Pounds; 40 Pounds; 50 Pounds; 100 Pounds; 150 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 100 Pounds; 120 Pounds; 100 Pounds; 100 Pounds; 300 Pounds; 300 Pounds; 400 Pounds; 800 Pounds; 500 Pounds; 40 Pounds; 50 Pounds
1998: 4 Cubic yards; 42 Pounds; 4 Cubic yards; 600 Pounds; 40 Pounds; 50 Pounds; 3 Pounds; 3500 Pounds; 32 Pounds; 50 Pounds; 20 Pounds; 30 Pounds; 8 Pounds; 700 Pounds; 1050 Pounds; 11 Pounds; 8 Pounds
1999: 5 Pounds; 50 Pounds; 385 Gallons; 2000 Pounds; 5 Pounds; 40 Pounds; 5 Pounds; 750 Pounds; 50 Pounds; 50 Pounds; 400 Pounds; 200 Pounds; 80 Pounds; 100 Pounds; 165 Gallons; 15 Pounds; 440 Pounds; 1000 Pounds; 10 Pounds; 350 Pounds
2000: 40 Pounds; 4400 Pounds; 150 Pounds; 40 Pounds; 60 Pounds; 100 Pounds; 100 Pounds; 25 Pounds; 10 Pounds; 10 Pounds; 40 Pounds; 150 Pounds; 75 Pounds; 50 Pounds; 40 Pounds; 20 Pounds; 30 Pounds; 100 Pounds; 5 Pounds; 20 Pounds; 100 Pounds
2001: 400 Pounds; 30 Pounds; 50 Pounds; 40 Pounds; 9 Pounds; 20 Pounds; 10 Pounds; 400 Pounds; 40 Pounds; 1200 Pounds; 2 Pounds; 50 Pounds; 10 Pounds
2002: 25 Pounds; 40 Pounds; 30 Pounds; 8 Pounds; 80 Pounds; 2 Pounds; 50 Pounds
2003: 50 Pounds; 45 Pounds; 40 Pounds; 102 Pounds; 10 Pounds; 10 Pounds; 1 Pounds; 15 Pounds; 3 Pounds; 50 Pounds; 139 Pounds; 1 Pounds; 10 Pounds; 40 Pounds; 5 Pounds; 90 Pounds
2004: 30 Pounds; 95 Pounds; 2000 Pounds; 1 Pounds; 100 Pounds; 10 Pounds; 20 Pounds; 15 Pounds; 10 Pounds; 5 Pounds
2005: 220 Gallons

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1980/1981: 186 Pounds; 116 Pounds
1984: 11050 Pounds
1985: 220 Gallons; 400 Pounds
1986: 525 Pounds; 400 Pounds; 200 Pounds; 15 Pounds; 120 Pounds; 2400 Pounds; 514 Pounds; 100 Pounds; 100 Pounds; 200 Pounds; 5 Pounds
1987: 350 Pounds; 450 Pounds; 110 Gallons; 1243 Pounds; 961 Pounds; 25 Pounds; 40 Pounds; 250 Pounds; 417 Pounds; 250 Pounds; 508 Pounds; 100 Pounds; 110 Gallons; 2299 Pounds
1988: 100 Pounds; 150 Pounds; 800 Pounds; 170 Pounds; 250 Pounds; 280 Pounds; 535 Pounds; 1036 Pounds; 350 Pounds; 400 Pounds; 1200 Pounds; 250 Pounds; 800 Pounds; 270 Pounds; 800 Pounds; 400 Pounds; 965 Pounds; 500 Pounds; 2200 Pounds; 1036 Pounds; 50 Pounds; 110 Gallons; 250 Pounds; 14400 Pounds; 2160 Pounds; 200 Pounds; 25 Pounds; 80 Pounds
1989: 8800 Pounds; 12150 Pounds; 677 Pounds; 1038 Pounds; 1061 Pounds; 2000 Pounds; 100 Pounds; 400 Pounds; 1000 Pounds; 800 Pounds; 150 Pounds; 9600 Pounds; 50 Pounds; 13600 Pounds; 150 Pounds; 250 Pounds; 532 Pounds; 1500 Pounds; 900 Pounds; 40 Pounds; 150 Pounds; 538 Pounds; 250 Pounds
1990: 100 Pounds; 200 Pounds; 40 Pounds; 150 Pounds; 150 Pounds; 500 Pounds; 40 Pounds; 200 Pounds; 200 Pounds; 1180 Pounds; 246 Pounds; 260 Pounds; 300 Pounds; 1000 Pounds
1991: 30 Pounds; 20 Pounds; 400 Pounds; 160 Pounds; 25 Pounds; 1100 Pounds; 2800 Pounds; 800 Pounds; 900 Pounds; 100 Pounds; 400 Pounds; 30 Pounds; 300 Pounds; 400 Pounds; 800 Pounds; 1800 Pounds
1992: 6400 Pounds; 150 Pounds; 200 Pounds; 300 Pounds; 200 Pounds; 200 Pounds; 135 Pounds; 400 Pounds; 60 Pounds; 200 Pounds; 750 Pounds; 105 Pounds; 100 Pounds; 800 Pounds; 250 Pounds; 300 Pounds
1993: 20 Pounds; 450 Pounds; 30 Pounds; 80 Pounds

1994: 9 Pounds; 100 Pounds; 600 Pounds; 50 Pounds; 120 Pounds; 240 Pounds; 160 Pounds; 50 Pounds; 150 Pounds; 50 Pounds; 60 Pounds; 600 Pounds; 100 Pounds; 40 Pounds; 225 Pounds; 100 Pounds; 50 Pounds; 40 Pounds; 150 Pounds
1995: 40 Pounds; 570 Pounds; 100 Pounds; 80 Pounds; 120 Pounds; 80 Pounds; 5 Pounds; 600 Pounds; 40 Pounds; 50 Pounds; 150 Pounds; 40 Pounds; 3900 Pounds; 4800 Pounds; 40 Pounds; 80 Pounds; 50 Pounds; 120 Pounds; 80 Pounds; 1600 Pounds; 250 Pounds; 225 Pounds; 40 Pounds; 2000 Pounds; 200 Pounds; 150 Pounds
1996: 120 Pounds; 20 Pounds; 300 Pounds; 50 Pounds; 100 Pounds; 860 Pounds; 120 Pounds; 80 Pounds; 20 Pounds; 80 Pounds; 100 Pounds; 40 Pounds; 100 Pounds; 100 Pounds; 1100 Pounds; 40 Pounds; 150 Pounds; 400 Pounds; 250 Pounds; 30 Pounds
1997: 80 Pounds; 100 Pounds; 50 Pounds; 150 Pounds; 50 Pounds; 220 Pounds; 150 Pounds; 4500 Pounds; 220 Pounds; 200 Pounds; 800 Pounds; 220 Pounds; 500 Pounds; 6000 Pounds; 120 Pounds; 800 Pounds; 25 Pounds; 400 Pounds; 100 Pounds; 1800 Pounds; 100 Pounds; 4500 Pounds; 4000 Pounds; 120 Pounds; 40 Pounds; 150 Pounds; 100 Pounds; 100 Pounds; 120 Pounds; 6400 Pounds; 50 Pounds; 3300 Pounds; 300 Pounds; 150 Pounds; 100 Pounds; 180 Pounds; 220 Pounds; 220 Pounds; 50 Pounds; 50 Pounds; 120 Pounds; 220 Pounds; 50 Pounds; 800 Pounds; 80 Pounds; 120 Pounds; 1000 Pounds; 100 Pounds; 300 Pounds; 20 Pounds; 200 Pounds; 800 Pounds; 1600 Pounds; 1600 Pounds; 4400 Pounds; 120 Pounds; 100 Pounds; 120 Pounds; 50 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 4000 Pounds; 2000 Pounds; 2400 Pounds; 5200 Pounds; 1200 Pounds; 7600 Pounds; 2800 Pounds; 80 Pounds; 400 Pounds; 800 Pounds; 80 Pounds; 100 Pounds
1998: 400 Pounds; 200 Pounds; 75 Pounds; 150 Pounds; 200 Pounds; 8000 Pounds; 300 Pounds; 50 Pounds; 450 Pounds; 300 Pounds; 600 Pounds; 600 Pounds; 9 Pounds; 500 Pounds; 1600 Pounds; 800 Pounds; 9 Pounds; 9 Pounds; 6 Pounds; 9 Pounds; 50 Pounds; 50 Pounds; 650 Pounds; 2700 Pounds; 4400 Pounds; 3700 Pounds; 200 Pounds; 3500 Pounds; 1600 Pounds; 2400 Pounds; 500 Pounds; 80 Pounds; 60 Pounds; 18200 Pounds; 200 Pounds; 1650 Gallons; 500 Pounds; 100 Pounds; 700 Pounds; 600 Pounds; 600 Pounds; 400 Pounds; 2000 Pounds; 2000 Pounds; 1800 Pounds; 500 Pounds; 500 Pounds; 1000 Pounds; 9800 Pounds; 1500 Pounds; 14000 Pounds; 820 Pounds; 1200 Pounds; 1200 Pounds; 400 Pounds; 800 Pounds; 55 Pounds; 400 Pounds; 750 Pounds; 1250 Pounds; 300 Pounds; 200 Pounds; 300 Pounds; 40 Pounds; 40 Pounds; 400 Pounds; 100 Pounds; 12 Pounds; 500 Pounds; 200 Pounds; 2 Pounds; 30 Pounds; 2 Pounds; 50 Pounds; 600 Pounds; 1000 Pounds; 120 Pounds; 60 Pounds; 2000 Pounds; 6000 Pounds; 2400 Pounds; 2 Pounds; 6 Pounds; 9 Pounds; 1000 Pounds; 400 Pounds
1999: 400 Pounds; 200 Pounds; 200 Pounds; 1800 Pounds; 1200 Pounds; 400 Pounds; 400 Pounds; 1500 Pounds; 1000 Pounds; 400 Pounds; 1000 Pounds; 1250 Pounds; 60 Pounds; 200 Pounds; 600 Pounds; 1600 Pounds; 20 Pounds; 200 Pounds; 1600 Pounds; 1200 Pounds; 200 Pounds; 300 Pounds; 200 Pounds; 2000 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 300 Pounds; 2500 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 800 Pounds; 400 Pounds; 600 Pounds; 3600 Pounds; 900 Pounds; 2 Pounds; 8000 Pounds; 3600 Pounds; 300 Pounds; 2500 Pounds; 400 Pounds; 100 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 10 Pounds; 30 Pounds; 300 Pounds; 100 Pounds; 10 Pounds; 30 Pounds; 100 Pounds; 50 Pounds; 600 Pounds; 400 Pounds; 225 Pounds; 150 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 1500 Pounds; 200 Pounds; 300 Pounds; 375 Pounds; 200 Pounds; 100 Pounds; 200 Pounds; 150 Pounds
2000: 75 Pounds; 100 Pounds; 150 Pounds; 200 Pounds; 200 Pounds; 20 Pounds; 20 Pounds; 40 Pounds; 5 Pounds; 3 Pounds; 800 Pounds; 400 Pounds; 1000 Pounds; 600 Pounds; 300 Pounds; 250 Pounds; 1400 Pounds; 1300 Pounds; 400 Pounds; 50 Pounds; 800 Pounds; 50 Pounds; 1600 Pounds; 1400 Pounds; 900 Pounds; 2000 Pounds; 50 Pounds; 2500 Pounds; 2400 Pounds; 800 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 100 Pounds; 3000 Pounds; 1200 Pounds; 100 Pounds; 200 Pounds; 300 Pounds; 400 Pounds; 150 Pounds; 200 Pounds; 200 Pounds; 600 Pounds; 50 Pounds; 200 Pounds; 1 Pounds; 8 Pounds; 150 Pounds; 400 Pounds; 20 Pounds; 800 Pounds; 800 Pounds; 300 Pounds; 30 Pounds; 20 Pounds; 1700 Pounds; 800 Pounds; 20 Pounds; 1300 Pounds; 200 Pounds; 3200 Pounds; 600 Pounds; 280 Pounds; 30 Pounds; 800 Pounds; 300 Pounds
2001: 300 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 4800 Pounds; 175 Pounds; 900 Pounds; 150 Pounds; 4 Pounds; 1600 Pounds; 240 Pounds; 1000 Pounds; 700 Pounds; 1400 Pounds; 5 Pounds; 1200 Pounds; 400 Pounds; 5 Pounds; 2200 Pounds; 55 Gallons; 80 Pounds; 50 Pounds; 10 Pounds; 100 Pounds; 80 Pounds; 10 Pounds; 200 Pounds; 10 Pounds; 600 Pounds; 400 Pounds; 650 Pounds; 55 Gallons; 200 Pounds; 1400 Pounds; 5 Pounds; 100 Pounds; 30 Pounds; 100 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 100 Gallons; 100 Pounds; 600 Pounds; 600 Pounds; 4500 Pounds; 200 Pounds; 6000 Pounds; 100 Pounds; 200 Pounds; 1600 Pounds; 55 Gallons; 800 Pounds; 200 Pounds; 100 Pounds
2002: 250 Pounds; 100 Pounds; 106 Pounds; 1950 Pounds; 40 Pounds; 500 Pounds; 8400 Pounds; 250 Pounds; 2400 Pounds; 300 Pounds; 100 Pounds; 200 Pounds; 200 Pounds; 1500 Pounds; 800 Pounds; 5 Pounds; 600 Pounds; 500 Pounds; 500 Pounds; 30 Pounds; 55 Gallons; 500 Pounds; 30 Pounds; 600 Pounds; 80 Pounds; 100 Pounds; 80 Pounds; 150 Pounds; 50 Pounds; 200 Pounds; 100 Pounds; 12500 Pounds; 300 Pounds; 50 Pounds; 55 Gallons; 150 Pounds; 1800 Pounds; 20 Pounds; 55 Gallons; 150 Pounds; 20 Pounds; 40 Pounds; 1000 Pounds; 55 Gallons; 500 Pounds; 50 Pounds; 900 Pounds; 150 Pounds; 55 Gallons; 5 Pounds; 1000 Pounds; 1000 Pounds; 600 Pounds; 1000 Pounds; 160 Pounds; 55 Gallons
2003: 2200 Pounds; 100 Pounds; 80 Pounds; 450 Pounds; 40 Pounds; 100 Pounds; 1200 Pounds; 22 Pounds; 7500 Pounds; 1500 Pounds; 3000 Pounds; 80 Pounds; 1000 Pounds; 1500 Pounds; 55 Gallons; 800 Pounds; 900 Pounds; 9000 Pounds; 60 Pounds; 200 Pounds; 540 Pounds; 300 Pounds; 55 Pounds; 55 Gallons; 55 Gallons; 1000 Pounds; 200 Pounds; 80 Pounds; 50 Pounds; 80 Pounds; 5 Pounds; 250 Pounds; 4200 Pounds; 250 Pounds; 250 Pounds; 200 Pounds; 15 Pounds; 1000 Pounds; 15 Pounds; 300 Pounds; 3200 Pounds; 16 Pounds; 10 Pounds; 10 Pounds; 40 Pounds; 1000 Pounds; 1800 Pounds; 2800 Pounds; 100 Pounds; 2 Pounds
2004: 66 Pounds; 100 Pounds; 600 Pounds; 10 Pounds; 900 Pounds; 15 Pounds; 3 Pounds; 40 Pounds; 1 Pounds; 10 Pounds; 6000 Pounds; 90 Pounds; 50 Pounds; 60 Pounds; 80 Pounds; 500 Pounds; 60 Pounds; 700 Pounds; 500 Pounds; 200 Pounds; 200 Pounds; 2 Pounds; 300 Pounds; 400 Pounds; 440 Pounds; 600 Pounds; 100 Pounds; 200 Pounds; 30 Pounds; 2 Pounds; 165 Pounds; 30 Pounds; 110 Pounds; 5 Pounds; 1320 Pounds; 5 Pounds; 40 Pounds; 10 Pounds; 100 Pounds; 35 Pounds; 440 Pounds; 80 Pounds; 5 Pounds; 20 Pounds; 5600 Pounds; 50 Pounds
2005: 450 Pounds; 440 Pounds; 10 Pounds; 440 Pounds; 50 Pounds; 5 Pounds; 10 Pounds; 10 Pounds

Manifest Information

Waste Code(s):

D009: MERCURY (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1980/1981: 174 Pounds
1982: 100 Pounds
1985: 40 Pounds; 490 Pounds; 25 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 480 Pounds; 80 Pounds
1986: 260 Pounds; 250 Pounds; 440 Pounds; 250 Pounds; 520 Pounds; 15 Pounds; 30 Pounds; 160 Pounds; 40 Pounds; 400 Pounds; 15 Pounds; 30

Pounds; 200 Pounds; 50 Pounds; 40 Pounds; 120 Pounds; 200 Pounds; 320 Pounds; 40 Pounds; 80 Pounds; 240 Pounds; 120 Pounds; 160 Pounds; 600 Pounds; 760 Pounds; 200 Pounds; 200 Pounds; 10 Pounds; 120 Pounds; 440 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 30 Pounds; 80 Pounds; 80 Pounds; 150 Pounds; 160 Pounds; 80 Pounds; 360 Pounds; 150 Pounds; 120 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 50 Pounds
1987: 900 Pounds; 250 Pounds; 250 Pounds; 10 Pounds; 250 Pounds; 450 Pounds; 400 Pounds; 150 Pounds; 150 Pounds; 510 Pounds; 120 Pounds; 250 Pounds; 25 Pounds; 200 Pounds; 400 Pounds; 25 Pounds; 55 Gallons; 25 Pounds; 2 Pounds; 25 Pounds; 78 Pounds; 500 Pounds; 500 Pounds; 500 Pounds; 20 Pounds; 40 Pounds; 200 Pounds; 500 Pounds; 250 Pounds; 55 Gallons; 25 Pounds; 30 Pounds; 120 Pounds; 330 Pounds; 160 Pounds; 55 Gallons; 40 Pounds; 80 Pounds; 40 Pounds; 120 Pounds; 5 Gallons; 40 Pounds; 80 Pounds; 400 Pounds; 55 Gallons; 150 Pounds; 20 Pounds; 250 Pounds; 500 Pounds; 750 Pounds; 250 Pounds; 30 Pounds; 30 Pounds; 400 Pounds
1988: 160 Pounds; 200 Pounds; 250 Pounds; 40 Pounds; 500 Pounds; 250 Pounds; 50 Pounds; 250 Pounds; 140 Pounds; 280 Pounds; 110 Pounds; 400 Pounds; 40 Pounds; 250 Pounds; 500 Pounds; 120 Pounds; 250 Pounds; 40 Pounds; 100 Pounds; 80 Pounds; 25 Pounds; 80 Pounds; 220 Pounds; 100 Pounds; 20 Pounds; 30 Gallons; 10 Pounds; 250 Pounds; 30 Pounds; 370 Pounds; 270 Pounds; 120 Pounds; 240 Pounds; 60 Pounds; 200 Pounds; 30 Pounds; 20 Pounds; 80 Pounds; 2800 Pounds; 100 Pounds; 600 Pounds; 280 Pounds; 25 Pounds; 100 Pounds; 40 Pounds; 800 Pounds; 280 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 20 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 60 Pounds; 160 Pounds; 320 Pounds; 120 Pounds; 120 Pounds; 10 Pounds; 240 Pounds; 80 Pounds; 10 Pounds; 140 Pounds; 110 Pounds; 250 Pounds; 80 Pounds; 360 Pounds; 280 Pounds; 120 Pounds; 200 Pounds; 80 Pounds; 450 Pounds; 20 Pounds; 40 Pounds; 120 Pounds; 1300 Pounds; 280 Pounds; 520 Pounds; 560 Pounds; 40 Pounds; 20 Pounds; 40 Pounds; 200 Pounds; 40 Pounds; 120 Pounds; 60 Pounds; 220 Pounds; 120 Pounds; 80 Pounds; 280 Pounds; 160 Pounds; 20 Pounds; 25 Pounds; 60 Pounds; 120 Pounds; 200 Pounds; 250 Pounds; 400 Pounds; 320 Pounds; 480 Pounds; 160 Pounds; 180 Pounds; 200 Pounds; 880 Pounds; 20 Pounds; 60 Pounds; 250 Pounds; 250 Pounds; 420 Pounds; 25 Pounds; 160 Pounds; 600 Pounds; 120 Pounds; 200 Pounds; 25 Pounds; 1 Pounds; 200 Pounds; 60 Pounds; 240 Pounds; 100 Pounds; 200 Pounds; 20 Pounds; 25 Pounds; 200 Pounds; 75 Pounds; 180 Pounds; 20 Pounds; 280 Pounds; 480 Pounds; 200 Pounds; 250 Pounds; 50 Pounds; 160 Pounds; 120 Pounds; 240 Pounds; 40 Pounds; 40 Pounds; 680 Pounds; 80 Pounds; 25 Pounds; 100 Pounds; 80 Pounds; 1000 Pounds; 200 Pounds; 120 Pounds; 750 Pounds; 360 Pounds; 140 Pounds; 10 Pounds; 20 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 150 Pounds; 100 Pounds; 100 Pounds; 1120 Pounds; 250 Pounds; 160 Pounds; 80 Pounds; 20 Pounds; 120 Pounds
1989: 60 Pounds; 680 Pounds; 60 Pounds; 320 Pounds; 200 Pounds; 200 Pounds; 5 Pounds; 100 Pounds; 400 Pounds; 200 Pounds; 1 Pounds; 400 Pounds; 5 Pounds; 800 Pounds; 240 Pounds; 200 Pounds; 200 Pounds; 250 Pounds; 5 Pounds; 200 Pounds; 280 Pounds; 200 Pounds; 440 Pounds; 300 Pounds; 250 Pounds; 40 Pounds; 50 Pounds; 100 Pounds; 7500 Pounds; 520 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 120 Pounds; 200 Pounds; 200 Pounds; 240 Pounds; 480 Pounds; 180 Pounds; 250 Pounds; 280 Pounds; 1 Pounds; 300 Pounds; 1000 Pounds; 360 Pounds; 12 Pounds; 20 Pounds; 100 Pounds; 90 Pounds; 180 Pounds; 200 Pounds; 150 Pounds; 360 Pounds; 210 Pounds; 60 Pounds; 440 Pounds; 240 Pounds; 200 Pounds; 240 Pounds; 30 Pounds; 600 Pounds; 40 Pounds; 140 Pounds; 120 Pounds; 210 Pounds; 500 Pounds; 210 Pounds; 220 Pounds; 20 Pounds; 20 Pounds; 40 Pounds; 30 Pounds; 1000 Pounds; 60 Pounds; 2700 Pounds; 600 Pounds; 360 Pounds; 360 Pounds; 200 Pounds; 270 Pounds; 100 Pounds; 760 Pounds; 60 Pounds; 220 Pounds; 10 Pounds; 100 Pounds; 120 Pounds; 280 Pounds; 360 Pounds; 80 Pounds; 600 Pounds; 120 Pounds; 520 Pounds; 1000 Pounds; 40 Pounds; 90 Pounds; 600 Pounds; 480 Pounds; 450 Pounds; 40 Pounds; 180 Pounds; 450 Pounds; 300 Pounds; 1400 Pounds; 40 Pounds; 320 Pounds; 140 Pounds; 260 Pounds; 600 Pounds; 25 Pounds; 160 Pounds; 25 Pounds; 200 Pounds; 60 Pounds; 510 Pounds; 40 Pounds; 390 Pounds; 800 Pounds; 90 Pounds; 250 Pounds; 120 Pounds; 80 Pounds; 250 Pounds; 80 Pounds; 100 Pounds; 40 Pounds; 60 Pounds; 100 Pounds; 110 Pounds; 300 Pounds; 20 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 10 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 300 Pounds; 60 Pounds; 60 Pounds; 400 Pounds; 320 Pounds; 10 Pounds; 300 Pounds; 60 Pounds; 10 Pounds; 110 Pounds; 200 Pounds; 8 Pounds; 20 Pounds; 270 Pounds; 120 Pounds; 600 Pounds; 240 Pounds; 330 Pounds; 60 Pounds; 250 Pounds; 160 Pounds; 200 Pounds; 400 Pounds; 300 Pounds; 25 Pounds; 60 Pounds; 180 Pounds; 40 Pounds; 300 Pounds; 60 Pounds; 5 Pounds; 30 Pounds; 1600 Pounds; 120 Pounds; 340 Pounds; 660 Pounds; 270 Pounds; 400 Pounds; 40 Pounds; 1000 Pounds; 300 Pounds; 20 Pounds; 180 Pounds
1990: 200 Pounds; 40 Pounds; 320 Pounds; 80 Pounds; 50 Pounds; 80 Pounds; 100 Pounds; 40 Pounds; 520 Pounds; 750 Pounds; 280 Pounds; 200 Pounds; 280 Pounds; 40 Pounds; 720 Pounds; 40 Pounds; 240 Pounds; 200 Pounds; 320 Pounds; 40 Pounds; 800 Pounds; 30 Pounds; 1000 Pounds; 440 Pounds; 320 Pounds; 600 Pounds; 500 Pounds; 40 Pounds; 150 Pounds; 80 Pounds; 200 Pounds; 60 Pounds; 680 Pounds; 620 Pounds; 450 Pounds; 250 Pounds; 11600 Pounds; 240 Pounds; 200 Pounds; 200 Pounds; 75 Pounds; 300 Pounds; 280 Pounds; 160 Pounds; 25 Pounds; 250 Pounds; 40 Pounds; 60 Pounds; 80 Pounds; 420 Pounds; 150 Pounds; 1000 Pounds; 40 Pounds; 250 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 200 Pounds; 90 Pounds; 250 Pounds; 80 Pounds; 500 Pounds; 600 Pounds; 40 Pounds; 540 Pounds; 200 Pounds; 150 Pounds; 3500 Pounds; 150 Pounds; 40 Pounds; 3500 Pounds; 850 Pounds; 30 Pounds; 40 Pounds; 180 Pounds; 200 Pounds; 450 Pounds; 300 Pounds; 400 Pounds; 200 Pounds; 90 Pounds; 100 Pounds; 450 Pounds; 250 Pounds; 2600 Pounds; 20 Pounds; 100 Pounds; 520 Pounds; 300 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 160 Pounds; 160 Pounds; 80 Pounds; 150 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 100 Pounds; 80 Pounds; 100 Pounds; 150 Pounds; 200 Pounds; 80 Pounds; 100 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 520 Pounds; 150 Pounds; 250 Pounds; 360 Pounds; 200 Pounds; 200 Pounds; 30 Pounds; 200 Pounds; 300 Pounds; 1200 Pounds; 600 Pounds; 20 Pounds; 20 Pounds; 350 Pounds; 200 Pounds; 250 Pounds; 200 Pounds; 240 Pounds; 30 Pounds; 200 Pounds
1991: 50 Pounds; 120 Pounds; 200 Pounds; 40 Pounds; 280 Pounds; 120 Pounds; 40 Pounds; 40 Pounds; 75 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 200 Pounds; 80 Pounds; 400 Pounds; 40 Pounds; 50 Pounds; 50 Pounds; 1000 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 400 Pounds; 60 Pounds; 40 Pounds; 10 Pounds; 480 Pounds; 40 Pounds; 160 Pounds; 200 Pounds; 10 Pounds; 100 Pounds; 40 Pounds; 400 Pounds; 220 Gallons; 300 Pounds; 20 Pounds; 40 Pounds
1992: 50 Pounds; 300 Pounds; 300 Pounds; 100 Pounds; 400 Pounds; 100 Pounds; 10 Pounds; 20 Pounds; 5 Pounds; 50 Pounds; 200 Pounds; 3 Pounds; 100 Pounds; 100 Pounds; 100 Pounds; 40 Pounds; 40 Pounds; 25 Pounds; 60 Pounds; 75 Pounds; 360 Pounds; 10 Pounds; 300 Pounds; 300 Pounds; 80 Pounds; 75 Pounds; 50 Pounds; 300 Pounds
1993: 80 Pounds; 40 Pounds; 50 Pounds; 225 Pounds; 20 Pounds; 20 Pounds; 30 Pounds; 40 Pounds; 5 Pounds; 1500 Pounds; 40 Pounds; 10 Pounds; 50 Pounds; 100 Pounds; 60 Pounds; 40 Pounds; 40 Pounds; 5 Pounds; 60 Pounds; 60 Pounds; 30 Pounds; 30 Pounds; 100 Pounds; 1 Pounds
1994: 20 Pounds; 2 Pounds; 5 Pounds; 10 Pounds; 1 Pounds; 60 Pounds; 80 Pounds; 30 Pounds; 40 Pounds; 20 Pounds; 16 Pounds; 30 Pounds; 40 Pounds; 20 Pounds; 10 Pounds; 30 Pounds; 50 Pounds; 30 Pounds; 150 Pounds; 50 Pounds
1995: 80 Pounds; 150 Pounds; 4500 Pounds; 30 Pounds; 100 Pounds; 100 Pounds; 200 Pounds; 50 Pounds; 40 Pounds; 70 Pounds; 100 Pounds; 1 Pounds; 50 Pounds; 20 Pounds; 80 Pounds; 80 Pounds; 15 Pounds
1996: 150 Pounds; 25 Pounds; 1200 Pounds; 100 Pounds; 40 Pounds; 20 Pounds; 120 Pounds; 40 Pounds; 5 Pounds; 40 Pounds; 40 Pounds; 125 Pounds; 3 Pounds; 250 Pounds; 40 Pounds; 10 Pounds; 50 Pounds; 5 Pounds; 30 Pounds; 1 Pounds; 10 Pounds; 20 Pounds; 125 Pounds; 250 Pounds; 50 Pounds; 120 Pounds; 250 Pounds; 1 Pounds
1997: 15 Pounds; 5 Pounds; 40 Pounds; 30 Pounds; 5 Pounds; 60 Pounds; 100 Pounds; 528 Pounds; 40 Pounds; 60 Pounds; 250 Pounds; 5 Pounds; 50 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 50 Pounds; 20 Pounds; 150 Pounds; 5 Pounds; 15 Pounds; 5 Pounds; 10 Pounds; 5 Pounds; 160 Pounds; 40 Pounds; 50 Pounds; 320 Pounds; 80 Pounds; 5 Pounds
1998: 300 Pounds; 1000 Pounds; 1 Pounds; 10 Pounds; 27 Pounds; 20 Pounds; 80 Pounds; 700 Pounds; 30 Pounds; 700 Pounds; 400 Pounds; 25

Pounds; 500 Pounds; 2000 Pounds; 550 Pounds; 600 Pounds; 1500 Pounds; 5500 Pounds; 2000 Pounds; 4000 Pounds; 2000 Pounds; 2000 Pounds; 200 Pounds; 500 Pounds; 250 Pounds; 25 Pounds; 250 Pounds; 150 Gallons; 400 Pounds; 400 Pounds; 600 Pounds; 5 Pounds; 10 Pounds; 1000 Pounds; 9200 Pounds; 400 Pounds; 250 Pounds; 300 Pounds; 450 Pounds; 600 Pounds; 80 Pounds; 850 Pounds; 5200 Pounds; 350 Pounds; 1000 Pounds; 20 Pounds; 125 Pounds; 300 Pounds; 1 Pounds; 8500 Pounds; 2 Pounds; 1 Pounds; 15 Pounds; 1 Pounds; 1050 Pounds; 650 Pounds; 2 Pounds; 190 Pounds; 5000 Pounds; 50 Pounds; 5 Pounds; 5 Pounds; 65 Pounds; 350 Pounds; 55 Gallons; 14 Pounds; 50 Pounds; 300 Pounds; 275 Gallons; 300 Pounds; 100 Pounds; 15 Pounds; 350 Pounds; 50 Pounds; 200 Pounds; 100 Pounds; 400 Pounds; 40 Pounds; 1150 Pounds; 500 Pounds; 935 Gallons; 20 Pounds; 1889 Pounds; 55 Gallons; 50 Pounds; 214 Pounds; 45 Pounds; 600 Pounds; 100 Pounds; 400 Pounds; 25 Pounds; 40 Pounds; 10 Pounds; 700 Pounds; 5500 Pounds; 3500 Pounds; 400 Pounds
1999: 50 Pounds; 50 Pounds; 20 Pounds; 40 Pounds; 200 Pounds; 300 Pounds; 500 Pounds; 60 Pounds; 40 Pounds; 20 Pounds; 80 Pounds; 10 Pounds; 200 Pounds; 600 Pounds; 400 Pounds; 5 Pounds; 50 Pounds; 5 Pounds; 200 Pounds; 100 Pounds; 2 Pounds; 80 Pounds; 5 Pounds; 50 Pounds; 1100 Pounds; 500 Pounds; 225 Pounds; 100 Pounds; 500 Pounds; 10 Pounds; 200 Pounds; 5 Pounds; 100 Pounds; 800 Pounds; 300 Pounds; 90 Pounds; 50 Pounds; 30 Pounds; 10 Pounds; 30 Pounds; 300 Pounds; 20 Pounds; 1 Pounds; 10 Pounds; 25000 Pounds; 70 Pounds; 700 Pounds; 800 Pounds; 100 Pounds; 400 Pounds; 350 Pounds; 20 Pounds; 200 Pounds; 30 Pounds; 15 Pounds; 25000 Pounds; 15 Pounds; 10 Pounds; 643 Pounds; 200 Pounds; 500 Pounds; 20 Pounds; 50 Pounds; 10 Pounds; 350 Pounds; 100 Pounds; 10 Pounds; 3 Pounds; 1 Pounds; 10 Pounds; 1 Pounds; 1 Pounds; 300 Pounds; 15 Pounds; 400 Pounds; 20 Pounds; 20 Pounds; 25 Pounds; 300 Pounds; 10 Pounds; 1 Pounds; 50 Pounds; 150 Pounds; 200 Pounds; 600 Pounds; 40 Pounds; 350 Pounds; 1 Pounds; 5 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 30 Pounds; 20 Pounds; 50 Pounds; 35 Pounds; 40 Pounds
2000: 1 Pounds; 35 Pounds; 20 Pounds; 60 Pounds; 30 Pounds; 10 Pounds; 20 Pounds; 1 Pounds; 10 Pounds; 2 Pounds; 40 Pounds; 5 Pounds; 5 Pounds; 30 Pounds; 5 Pounds; 1500 Pounds; 10 Pounds; 45 Pounds; 25 Pounds; 2000 Pounds; 60 Pounds; 20 Pounds; 70 Pounds; 3 Gallons; 40 Pounds; 100 Pounds; 50 Pounds; 5 Pounds; 15 Pounds; 20 Pounds; 3 Pounds; 30 Pounds; 1 Pounds; 80 Pounds; 2000 Pounds; 10 Pounds; 1800 Pounds; 5 Pounds; 1 Pounds; 1 Pounds; 1 Pounds; 2 Pounds; 6200 Pounds; 6200 Pounds; 5 Pounds; 10 Pounds; 1300 Pounds; 600 Pounds; 10 Pounds; 15 Pounds; 10 Pounds; 20 Pounds; 2000 Pounds; 2 Pounds; 2 Pounds; 12 Pounds; 5 Pounds; 10 Pounds; 10 Pounds; 50 Pounds; 2 Pounds; 50 Pounds; 50 Pounds; 3 Pounds; 25 Pounds; 30 Pounds; 200 Pounds; 10 Pounds; 5 Pounds; 1 Pounds; 15 Pounds; 200 Pounds; 40 Pounds; 10 Pounds; 40 Pounds; 20 Pounds; 10 Pounds; 1 Pounds; 10 Pounds; 20 Pounds; 6 Pounds; 10 Pounds; 1600 Pounds; 2 Gallons; 100 Pounds; 2000 Pounds; 1 Pounds; 20 Pounds
2001: 2400 Pounds; 1 Pounds; 20 Pounds; 2200 Pounds; 20 Pounds; 5 Pounds; 100 Pounds; 3 Pounds; 190 Pounds; 10 Pounds; 200 Pounds; 15 Pounds; 20 Pounds; 80 Pounds; 70 Pounds; 1 Pounds; 1 Pounds; 10 Pounds; 700 Pounds; 20 Pounds; 200 Pounds; 7 Pounds; 1200 Pounds; 1200 Pounds; 1 Pounds; 2 Pounds; 5 Pounds; 3000 Pounds; 10 Pounds; 10 Pounds; 1800 Pounds; 60 Pounds; 20 Pounds; 1800 Pounds; 120 Pounds; 3 Pounds; 150 Pounds; 1200 Pounds; 50 Pounds; 1300 Pounds; 1200 Pounds; 2400 Pounds; 100 Pounds; 40 Pounds; 30 Pounds; 2 Pounds; 350 Pounds; 720 Pounds; 2 Pounds; 5 Pounds; 200 Pounds; 2 Pounds; 80 Pounds; 10 Pounds; 7 Pounds; 20 Pounds; 10 Pounds; 25 Pounds; 10 Pounds; 2 Pounds; 5 Pounds; 50 Pounds; 4000 Pounds; 10 Pounds; 1 Pounds; 250 Pounds; 2 Pounds; 2 Pounds; 10 Pounds; 1 Pounds; 40 Pounds; 20 Pounds; 10 Pounds
2002: 10 Pounds; 1 Pounds; 5 Pounds; 1 Pounds; 10 Pounds; 20 Pounds; 1000 Pounds; 50 Pounds; 8 Pounds; 20 Pounds; 1800 Pounds; 1700 Pounds; 30 Pounds; 20 Pounds; 5 Pounds; 600 Pounds; 1400 Pounds; 150 Pounds; 8 Pounds; 1300 Pounds; 2800 Pounds; 2 Pounds; 5 Pounds; 1 Pounds; 8 Pounds; 600 Pounds; 5 Pounds; 2000 Pounds; 1200 Pounds; 1 Pounds; 10 Pounds; 5 Pounds; 10 Pounds; 50 Pounds; 20 Pounds; 200 Pounds; 20 Pounds; 2 Pounds; 3 Pounds; 5 Pounds; 20 Pounds; 1200 Pounds; 15 Pounds; 1 Pounds; 5 Pounds; 1 Pounds; 248 Pounds; 50 Pounds; 5 Pounds; 10 Pounds; 50 Pounds; 2 Pounds; 10 Pounds; 20 Pounds; 5 Pounds; 5 Pounds; 400 Pounds; 1 Pounds; 50 Pounds; 3 Pounds; 40 Pounds; 90 Pounds; 16 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 5 Pounds; 1 Pounds; 2 Pounds; 1800 Pounds; 20 Pounds; 1800 Pounds; 20 Pounds; 200 Pounds; 2 Pounds; 15 Pounds; 100 Pounds; 30 Pounds; 60 Pounds; 5 Pounds; 10 Pounds; 400 Pounds; 40 Pounds
2003: 20 Pounds; 50 Pounds; 20 Pounds; 1 Pounds; 120 Pounds; 100 Pounds; 800 Pounds; 10 Pounds; 2 Pounds; 20 Pounds; 1 Pounds; 2447 Pounds; 2 Pounds; 1 Pounds; 1 Pounds; 60 Pounds; 1800 Pounds; 250 Pounds; 1400 Pounds; 5 Pounds; 50 Pounds; 1800 Pounds; 1800 Pounds; 300 Pounds; 1200 Pounds; 1 Pounds; 10 Pounds; 2 Pounds; 200 Pounds; 2000 Pounds; 1 Pounds; 1400 Pounds; 3 Pounds; 30 Pounds; 20 Pounds; 50 Pounds; 10 Pounds; 15 Pounds; 25 Pounds; 20 Pounds; 30 Pounds; 15 Pounds; 10 Pounds; 20 Pounds; 10 Pounds; 20 Pounds; 100 Pounds; 1800 Pounds; 200 Pounds; 7 Pounds; 5 Pounds; 2276 Pounds; 50 Pounds; 80 Pounds; 1 Pounds; 700 Pounds; 1800 Pounds; 200 Pounds; 5 Pounds; 20 Pounds; 1800 Pounds; 1800 Pounds; 10 Pounds; 10 Pounds; 1 Pounds; 1 Pounds; 5 Pounds; 10 Pounds; 2 Pounds; 30 Pounds; 80 Pounds; 10 Pounds; 8 Pounds; 2 Pounds; 400 Pounds; 5 Pounds; 10 Pounds; 2 Pounds; 10 Pounds; 25 Pounds; 3 Pounds; 5 Pounds; 20 Pounds; 5 Pounds; 35 Pounds; 20 Pounds; 5 Pounds; 1 Pounds; 10 Pounds; 30 Pounds; 10 Pounds; 3 Pounds; 20 Pounds; 10 Pounds; 10 Pounds; 1 Pounds; 10 Pounds; 40 Pounds; 50 Pounds; 10 Pounds; 10 Pounds; 70 Pounds; 150 Pounds; 10 Pounds; 2000 Pounds; 1 Pounds; 30 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 5 Pounds; 80 Pounds; 3600 Pounds; 10 Pounds
2004: 45 Pounds; 3500 Pounds; 5 Pounds; 10 Pounds; 1 Pounds; 410 Pounds; 5 Pounds; 20 Pounds; 30 Pounds; 20 Pounds; 25 Pounds; 2 Pounds; 200 Pounds; 5 Pounds; 5 Pounds; 40 Pounds; 5 Pounds; 500 Pounds; 800 Pounds; 1 Pounds; 1500 Pounds; 1900 Pounds; 1 Pounds; 1500 Pounds; 1 Pounds; 1300 Pounds; 20 Pounds; 20 Pounds; 10 Pounds; 5 Pounds; 20 Pounds; 800 Pounds; 50 Pounds; 5 Pounds; 70 Pounds; 20 Pounds; 10 Pounds; 10 Pounds; 1 Pounds; 1 Pounds; 5 Pounds; 10 Pounds; 15 Pounds; 2 Pounds; 60 Pounds; 1 Pounds; 1300 Pounds; 5 Pounds; 200 Pounds; 700 Pounds; 15 Pounds; 3 Pounds; 1400 Pounds; 100 Pounds; 75 Pounds; 7 Pounds; 3 Pounds; 150 Pounds; 2 Pounds; 300 Pounds; 10 Pounds; 10 Pounds; 2 Pounds; 1 Pounds; 30 Pounds; 200 Pounds; 1400 Pounds; 1400 Pounds; 1800 Pounds; 30 Pounds; 10 Pounds; 20 Pounds; 5 Pounds; 3 Pounds; 7 Pounds; 1 Pounds; 10 Pounds; 5 Pounds; 350 Pounds; 40 Pounds; 10 Pounds; 5 Pounds; 100 Pounds; 15 Pounds; 10 Pounds; 550 Pounds; 5 Pounds; 60 Pounds; 1 Pounds; 5 Pounds; 2 Pounds; 10 Pounds; 10 Pounds; 40 Pounds; 42 Pounds; 50 Pounds; 10 Pounds; 15 Pounds; 100 Pounds; 2 Pounds; 20 Pounds
2005: 80 Pounds; 1950 Pounds; 1400 Pounds; 5 Pounds; 10 Pounds; 1 Pounds; 10 Pounds; 5 Pounds; 40 Pounds; 1 Pounds; 2 Pounds; 1000 Pounds; 10 Pounds; 3 Pounds; 50 Pounds; 30 Pounds; 5 Pounds; 25 Pounds; 1400 Pounds; 1950 Pounds; 15 Pounds; 10 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 30 Pounds; 100 Pounds; 10 Pounds; 10 Pounds; 10 Pounds; 80 Pounds; 15 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 2 Pounds; 1 Pounds; 10 Pounds; 3 Pounds; 10 Pounds; 20 Pounds; 2 Pounds; 2 Pounds; 5 Pounds; 40 Pounds; 1 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 40 Pounds; 10 Pounds; 15 Pounds; 10 Pounds; 10 Pounds; 50 Pounds

Manifest Information

Waste Code(s):

D010: SELENIUM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1986: 20 Pounds
1987: 25 Pounds; 25 Pounds
1988: 250 Pounds
1989: 160 Pounds; 100 Pounds; 10 Pounds
1993: 150 Pounds
1994: 40 Pounds
1997: 40 Pounds
1998: 40 Pounds; 10 Pounds; 40 Pounds
1999: 800 Pounds
2000: 80 Pounds
2001: 75 Pounds
2002: 50 Pounds
2003: 200 Pounds
2004: 50 Pounds; 130 Pounds; 210 Pounds; 400 Pounds

Manifest Information

Waste Code(s):

F032: (Generic) Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with subdivision [f] of this section or potentially cross-contaminated wastes that are otherwise currently regulated as hazardous wastes [i.e., F034 or F035], and where the generator does not resume or initiate use of chlorophenolic formulations). This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol. (T)

Waste Received By Year:

1997: 150 Pounds

Manifest Information

Waste Code(s):

K022: (Organic chemicals) Distillation bottom tars from the production of phenol/acetone from cumene. (T)

Waste Received By Year:

1987: 6600 Pounds

Manifest Information

Waste Code(s):

K031: (Pesticides) By-product salts generated in the production of MSMA and cacodylic acid. (T)

Waste Received By Year:

1988: 300 Pounds

Manifest Information

Waste Code(s):

M001: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1987: 600 Pounds; 1600 Pounds; 385 Gallons; 110 Gallons
1988: 200 Pounds; 200 Pounds

Manifest Information

Waste Code(s):

M099: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1987: 825 Gallons; 3600 Pounds; 200 Pounds; 400 Pounds; 400 Pounds
1988: 1000 Pounds; 1200 Pounds

Manifest Information

Waste Code(s):

MA01: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1988: 40 Pounds; 400 Pounds; 400 Pounds; 400 Pounds
1989: 400 Pounds; 400 Pounds; 120 Pounds; 150 Pounds
1990: 250 Pounds

Manifest Information

Waste Code(s):

N002: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1988: 400 Pounds

Manifest Information

Waste Code(s):

N003: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1982: 100 Pounds
1986: 450 Pounds

Manifest Information

Waste Code(s):

N010: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 1350 Pounds

Manifest Information

Waste Code(s):

N245: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 80 Pounds

Manifest Information

Waste Code(s):

N504: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 125 Pounds

Manifest Information

Waste Code(s):

N799: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 120 Pounds

Manifest Information

Waste Code(s):

N844: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 40 Pounds

Manifest Information

Waste Code(s):

P001: (181-81-2) Warfarin, & salts, when present at concentrations greater than 0.3 percent

Waste Received By Year:

1988: 1050 Pounds
1997: 105 Pounds

Manifest Information

Waste Code(s):

P004: (309-00-2) Aldrin

Waste Received By Year:

2005: 3 Pounds

Manifest Information

Waste Code(s):

P006: (20859-73-8) Aluminum phosphide (R,T)

Waste Received By Year:

1985: 50 Pounds
2001: 1 Pounds

Manifest Information

Waste Code(s):

P008: (504-24-5) 4-Pyridinamine

Waste Received By Year:

1988: 25 Pounds

Manifest Information

Waste Code(s):

P010: (7778-39-4) Arsenic acid H3AsO4

Waste Received By Year:

1986: 480 Pounds; 480 Pounds
1988: 50 Pounds
2000: 75 Pounds
2002: 10 Pounds
2005: 1 Pounds

Manifest Information

Waste Code(s):

P012: (1327-53-3) Arsenic oxide As2 O3

Waste Received By Year:

1985: 20 Pounds
1986: 4 Pounds
1987: 2 Pounds; 25 Pounds
1988: 2 Pounds; 100 Pounds; 25 Pounds; 250 Pounds; 1750 Pounds
2003: 150 Pounds; 50 Pounds; 100 Pounds; 60 Pounds; 100 Pounds; 100 Pounds; 50 Pounds
2004: 50 Pounds; 60 Pounds; 120 Pounds; 50 Pounds
2005: 1 Pounds; 80 Pounds

Manifest Information

Waste Code(s):

P015: (7440-41-7) Beryllium powder

Waste Received By Year:

1984: 500 Pounds; 2000 Pounds
1987: 25 Pounds
1996: 160 Pounds
2001: 20 Pounds
2004: 400 Pounds

Manifest Information

Waste Code(s):

P021: (592-01-8) Calcium cyanide

Waste Received By Year:

1987: 20 Pounds

Manifest Information

Waste Code(s):

P024: (106-47-8) Benzenamine, 4-chloro-

Waste Received By Year:

1988: 300 Pounds

Manifest Information

Waste Code(s):

P028: (100-44-7) Benzene, (chloromethyl)-

Waste Received By Year:

1987: 10 Pounds
1989: 5 Pounds; 5 Pounds
1997: 70 Pounds
2003: 1 Pounds

Manifest Information

Waste Code(s):

X850: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 120 Pounds; 200 Pounds; 240 Pounds; 400 Pounds; 1200 Pounds; 800 Pounds; 480 Pounds; 200 Pounds; 50 Pounds; 115 Pounds; 300 Pounds; 225 Pounds; 400 Pounds; 400 Pounds; 300 Pounds; 5 Pounds; 750 Pounds; 800 Pounds; 750 Pounds; 225 Pounds; 225 Pounds; 120 Pounds; 440 Pounds; 440 Pounds; 30 Pounds; 860 Pounds; 150 Pounds; 1350 Pounds; 200 Pounds; 120 Pounds; 750 Pounds; 590 Pounds; 120 Pounds; 250 Pounds; 200 Pounds; 600 Pounds; 240 Pounds; 450 Pounds; 690 Pounds; 100 Pounds; 150 Pounds; 240 Pounds; 100 Pounds; 200 Pounds; 200 Pounds; 5 Pounds; 80 Pounds; 250 Pounds; 200 Pounds; 250 Pounds; 150 Pounds; 165 Pounds
1987: 120 Pounds; 100 Pounds; 55 Gallons; 25 Pounds; 225 Pounds; 165 Gallons; 1250 Pounds; 450 Pounds; 250 Pounds; 960 Pounds; 500 Pounds; 500 Pounds; 10 Pounds; 300 Pounds; 25 Pounds; 1600 Pounds; 5 Pounds; 40 Pounds; 80 Pounds; 250 Pounds; 250 Pounds; 15 Pounds; 25 Pounds; 30 Pounds; 275 Pounds; 250 Pounds; 160 Pounds; 840 Pounds; 450 Pounds; 20 Pounds; 500 Pounds; 250 Pounds; 50 Pounds; 225 Pounds; 250 Pounds; 1750 Pounds; 300 Pounds; 1000 Pounds; 90 Gallons; 250 Pounds; 250 Pounds; 800 Pounds; 250 Pounds; 225 Pounds; 780 Pounds; 300 Pounds; 250 Pounds; 2000 Pounds; 25 Pounds; 10 Pounds; 80 Pounds; 750 Pounds; 225 Pounds; 250 Pounds; 225 Pounds; 1 Pounds; 240 Pounds; 20 Pounds; 25 Pounds; 250 Pounds; 250 Pounds; 250 Pounds; 240 Pounds; 225 Pounds; 25 Pounds; 10 Pounds; 250 Pounds; 130 Pounds; 900 Pounds; 20 Pounds; 250 Pounds; 150 Pounds; 400 Pounds; 300 Pounds; 300 Pounds; 30 Pounds; 450 Pounds; 600 Pounds; 385 Gallons; 1250 Pounds; 250 Pounds; 250 Pounds; 18 Pounds; 3500 Pounds; 3077 Pounds; 1 Pounds; 400 Pounds; 25 Pounds; 80 Pounds; 250 Pounds; 250 Pounds; 165 Pounds
1988: 300 Pounds; 300 Pounds; 250 Pounds; 150 Pounds; 250 Pounds; 30 Pounds; 25 Pounds; 600 Pounds; 75 Pounds; 600 Pounds; 150 Pounds; 25 Pounds; 150 Pounds; 250 Pounds; 900 Pounds; 900 Pounds; 25 Pounds; 1500 Pounds; 1050 Pounds; 300 Pounds; 2000 Pounds; 80 Pounds; 20 Pounds; 450 Pounds; 250 Pounds; 450 Pounds; 250 Pounds; 25 Pounds; 750 Pounds; 3600 Pounds; 150 Pounds; 1000 Pounds; 25 Pounds; 200 Pounds; 25 Pounds; 560 Pounds; 300 Pounds; 75 Pounds; 25 Pounds; 25 Pounds; 450 Pounds; 25 Pounds; 250 Pounds; 25 Pounds; 250 Pounds; 1000 Pounds; 50 Pounds; 320 Pounds; 25 Pounds; 25 Pounds; 250 Pounds; 150 Pounds; 40 Pounds; 2400 Pounds; 600 Pounds; 240 Pounds; 750 Pounds; 150 Pounds; 300 Pounds; 160 Pounds; 250 Pounds; 500 Pounds; 100 Pounds; 250 Pounds; 120 Pounds; 150 Pounds; 2100 Pounds; 150 Pounds

1989: 5 Gallons; 20 Pounds; 250 Pounds; 25 Pounds; 100 Pounds; 1275 Pounds; 25 Pounds; 50 Pounds; 150 Pounds; 4 Pounds; 25 Pounds; 25 Pounds; 50 Pounds; 5 Gallons; 250 Pounds; 20 Pounds; 25 Pounds; 25 Pounds; 50 Pounds; 150 Pounds; 4 Pounds; 1275 Pounds

Manifest Information

Waste Code(s):

X900: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 2200 Pounds; 3130 Pounds; 680 Pounds
1986: 55 Gallons; 2800 Pounds; 2500 Pounds; 4400 Pounds; 5200 Pounds; 1250 Pounds; 400 Pounds; 1000 Pounds; 40 Pounds; 50 Pounds; 456 Pounds
1987: 225 Pounds; 1200 Pounds; 6000 Pounds; 4400 Pounds; 350 Pounds; 3200 Pounds; 2200 Pounds; 30000 Pounds; 400 Pounds; 25 Pounds; 1000 Pounds; 400 Pounds; 3600 Pounds; 6500 Pounds; 2250 Pounds; 2200 Pounds; 1600 Pounds; 3600 Pounds; 400 Pounds; 2000 Pounds; 450 Pounds; 800 Pounds; 2000 Pounds; 925 Pounds; 4800 Pounds; 400 Pounds; 450 Pounds; 450 Pounds; 1000 Pounds; 800 Pounds; 400 Pounds; 9300 Pounds; 4800 Pounds; 1800 Pounds; 6400 Pounds; 1200 Pounds; 5400 Pounds; 900 Pounds; 300 Pounds
1988: 100 Pounds; 400 Pounds; 100 Pounds; 900 Pounds; 1200 Pounds; 400 Pounds; 400 Pounds; 2310 Gallons; 900 Pounds; 400 Pounds; 55 Gallons; 25 Pounds; 1200 Pounds; 1200 Pounds; 4400 Pounds; 300 Pounds
1989: 30 Gallons; 30 Gallons

Manifest Information

Waste Code(s):

X910: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 200 Pounds; 180 Pounds; 4800 Pounds
1986: 770 Pounds; 2200 Pounds; 250 Pounds; 2400 Pounds; 180 Pounds; 200 Pounds; 1500 Pounds; 150 Pounds; 205 Pounds; 600 Pounds; 1425 Pounds; 1500 Pounds; 300 Pounds; 400 Pounds; 1000 Pounds
1987: 700 Pounds; 150 Pounds; 1800 Pounds; 300 Pounds; 2500 Pounds; 450 Pounds; 1200 Pounds; 6200 Pounds; 500 Pounds; 400 Pounds; 450 Pounds; 1200 Pounds; 3600 Pounds; 700 Pounds; 8800 Pounds; 1000 Pounds; 250 Pounds; 450 Pounds; 500 Pounds; 450 Pounds; 800 Pounds; 150 Pounds; 10 Pounds; 350 Pounds; 450 Pounds; 100 Pounds; 1350 Pounds; 800 Pounds; 1600 Pounds; 400 Pounds; 1125 Pounds; 850 Pounds; 5600 Pounds; 400 Pounds; 140 Pounds; 4400 Pounds; 800 Pounds; 2000 Pounds; 350 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 2450 Pounds; 2000 Pounds; 900 Pounds; 700 Pounds
1988: 150 Pounds; 400 Pounds; 600 Pounds; 300 Pounds; 1000 Pounds; 400 Pounds; 150 Pounds

Manifest Information

Waste Code(s):

U058: (50-18-0) 2H-1,3,2-Oxazaphosphorin- 2-amine, N,N-bis (2-chloroethyl) tetrahydro-, 2-oxide

Waste Received By Year:

1998: 100 Pounds; 50 Pounds
1999: 180 Pounds; 240 Pounds; 100 Pounds; 150 Pounds
2000: 125 Pounds; 70 Pounds; 160 Pounds; 140 Pounds; 180 Pounds
2001: 160 Pounds; 20 Pounds; 240 Pounds; 180 Pounds; 200 Pounds; 160 Pounds; 100 Pounds
2002: 120 Pounds; 420 Pounds; 90 Pounds; 90 Pounds; 80 Pounds; 90 Pounds; 160 Pounds
2003: 10 Pounds; 140 Pounds; 400 Pounds; 100 Pounds; 80 Pounds; 60 Pounds; 200 Pounds; 30 Pounds; 350 Pounds; 60 Pounds; 90 Pounds; 75 Pounds; 80 Pounds; 200 Pounds; 70 Pounds; 200 Pounds; 150 Pounds; 120 Pounds; 250 Pounds; 60 Pounds; 50 Pounds
2004: 90 Pounds; 60 Pounds; 100 Pounds; 90 Pounds; 140 Pounds; 180 Pounds; 150 Pounds; 50 Pounds; 210 Pounds; 30 Pounds; 80 Pounds; 20 Pounds; 80 Pounds; 70 Pounds; 90 Pounds; 160 Pounds; 15 Pounds; 90 Pounds; 60 Pounds; 70 Pounds; 200 Pounds; 80 Pounds; 80 Pounds; 250 Pounds; 25 Pounds; 110 Pounds; 80 Pounds; 80 Pounds; 90 Pounds; 3 Pounds; 30 Pounds; 200 Pounds; 80 Pounds; 100 Pounds; 40 Pounds; 40 Pounds; 60 Pounds; 60 Pounds; 80 Pounds; 70 Pounds; 80 Pounds; 20 Pounds; 40 Pounds; 50 Pounds; 90 Pounds; 100 Pounds; 70 Pounds; 10 Pounds; 30 Pounds; 300 Pounds; 70 Pounds; 75 Pounds; 15 Pounds; 100 Pounds; 100 Pounds; 30 Pounds; 300 Pounds; 80 Pounds; 50 Pounds; 400 Pounds; 24 Pounds; 30 Pounds; 180 Pounds
2005: 300 Pounds; 90 Pounds; 400 Pounds; 40 Pounds; 150 Pounds; 60 Pounds; 80 Pounds; 200 Pounds; 700 Pounds; 200 Pounds; 100 Pounds; 80 Pounds; 20 Pounds; 60 Pounds; 120 Pounds; 80 Pounds; 40 Pounds; 50 Pounds; 80 Pounds; 90 Pounds; 90 Pounds; 80 Pounds; 70 Pounds; 80 Pounds; 90 Pounds; 60 Pounds; 150 Pounds; 60 Pounds; 40 Pounds; 90 Pounds; 90 Pounds; 80 Pounds; 300 Pounds; 119 Pounds; 150 Pounds; 70 Pounds

Manifest Information

Waste Code(s):

U061: (50-29-3) Benzene, 1,1'-(2,2,2-trichloroethylidene) bis[4-chloro-

Waste Received By Year:

1985: 50 Pounds
1986: 1500 Pounds; 240 Pounds; 1200 Pounds; 400 Pounds; 400 Pounds; 390 Pounds; 800 Pounds; 1700 Pounds; 950 Pounds
1987: 2500 Pounds; 200 Pounds; 1200 Pounds; 200 Pounds; 1860 Pounds; 1350 Pounds; 120 Pounds; 120 Pounds; 200 Pounds; 2000 Pounds; 3700 Pounds; 120 Pounds; 8400 Pounds; 1600 Pounds; 400 Pounds; 3900 Pounds; 880 Pounds; 2720 Pounds; 3240 Pounds; 40 Pounds; 50 Pounds; 100 Pounds; 1450 Pounds; 1600 Pounds
1988: 420 Pounds; 1250 Pounds; 500 Pounds; 15 Pounds; 400 Pounds; 600 Pounds; 275 Pounds; 5080 Pounds; 2700 Pounds; 2135 Pounds; 700 Pounds; 12720 Pounds; 1600 Pounds; 140 Pounds; 60 Pounds; 1500 Pounds; 750 Pounds; 165 Pounds; 2330 Pounds; 900 Pounds; 4080 Pounds; 40 Pounds; 160 Pounds
1989: 300 Pounds
1990: 300 Pounds; 350 Pounds; 40 Pounds; 1800 Pounds; 2200 Pounds
1993: 525 Pounds
1998: 290 Pounds
2004: 40 Pounds

Manifest Information

Waste Code(s):

U066: (96-12-8) Propane, 1,2-dibromo- 3-chloro-

Waste Received By Year:

1989: 100 Pounds

Manifest Information

Waste Code(s):

U067: (106-93-4) Ethane, 1,2-dibromo-

Waste Received By Year:

1999: 1 Pounds

Manifest Information

Waste Code(s):

U069: (84-74-2) 1,2-Benzenedicarboxylic acid, dibutyl ester

Waste Received By Year:

1989: 25 Pounds
1993: 100 Pounds

Manifest Information

Waste Code(s):

U070: (95-50-1) Benzene, 1,2-dichloro-

Waste Received By Year:

1985: 250 Pounds
1987: 400 Pounds; 2000 Pounds
1988: 150 Pounds; 95 Pounds; 100 Pounds; 800 Pounds; 3150 Pounds
1991: 400 Pounds

Manifest Information

Waste Code(s):

U071: (541-73-1) Benzene, 1,3-dichloro-

Waste Received By Year:

1993: 10 Pounds

Manifest Information

Waste Code(s):

U072: (106-46-7) Benzene, 1,4-dichloro-

Waste Received By Year:

1987: 425 Pounds
1989: 150 Pounds; 150 Pounds
1999: 40 Pounds; 25 Pounds
2001: 3 Pounds
2002: 5 Pounds; 8 Pounds
2003: 4 Pounds

Manifest Information

Waste Code(s):

U073: (91-94-1) [1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-

Waste Received By Year:

2004: 3 Pounds

Manifest Information

Waste Code(s):

D011: SILVER (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1982: 400 Pounds
1987: 20 Pounds; 320 Pounds; 20 Pounds; 250 Pounds; 55 Gallons
1988: 200 Pounds; 500 Pounds; 125 Pounds; 500 Pounds; 250 Pounds; 500 Pounds; 200 Pounds; 25 Pounds
1989: 88 Pounds; 160 Pounds; 25 Pounds; 25 Pounds; 25 Pounds
1990: 800 Pounds
1991: 200 Pounds; 1200 Pounds
1992: 100 Pounds; 100 Pounds; 2400 Pounds
1993: 350 Pounds; 20 Pounds; 300 Pounds
1994: 200 Pounds; 250 Pounds; 300 Pounds; 30 Pounds
1995: 10 Pounds
1996: 25 Pounds; 800 Pounds; 40 Pounds; 385 Pounds; 100 Pounds; 3400 Pounds; 400 Pounds; 800 Pounds; 20 Pounds; 55 Gallons; 55 Gallons; 400 Pounds; 200 Pounds; 800 Pounds; 800 Pounds; 300 Pounds; 400 Pounds
1997: 30 Pounds; 50 Pounds; 40 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 80 Pounds; 50 Pounds; 560 Pounds; 2000 Pounds; 800 Pounds; 2600 Pounds; 40 Pounds; 400 Pounds; 350 Pounds; 800 Pounds; 40 Pounds; 300 Pounds; 120 Pounds; 380 Pounds; 400 Pounds; 100 Pounds; 160 Pounds;

400 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 10 Pounds; 40 Pounds; 50 Pounds
1998: 50 Pounds; 1 Pounds; 175 Pounds; 80 Pounds; 300 Pounds; 8 Pounds; 400 Pounds; 40 Pounds; 42 Pounds; 400 Pounds; 30 Gallons; 400 Pounds; 1 Pounds; 350 Pounds; 200 Pounds; 150 Pounds; 160 Pounds; 160 Pounds; 10 Pounds; 2500 Pounds; 400 Pounds; 10 Pounds; 42 Pounds; 400 Pounds; 50 Pounds; 250 Pounds; 400 Pounds; 40 Pounds; 300 Pounds; 800 Pounds; 110 Gallons
1999: 240 Pounds; 240 Pounds; 550 Pounds; 200 Pounds; 80 Pounds; 800 Pounds; 200 Pounds; 7200 Pounds; 160 Pounds; 240 Pounds; 250 Pounds; 50 Pounds; 500 Pounds; 1200 Pounds; 300 Pounds; 50 Pounds; 40 Pounds; 20 Pounds; 10 Pounds; 40 Pounds; 300 Pounds; 240 Pounds; 350 Pounds; 550 Pounds; 250 Pounds; 20 Pounds; 2 Pounds; 100 Pounds; 460 Pounds; 160 Pounds; 400 Pounds; 400 Pounds; 1500 Pounds; 240 Pounds; 400 Pounds; 6160 Pounds; 250 Pounds; 400 Pounds; 50 Pounds; 250 Pounds
2000: 900 Pounds; 200 Pounds; 300 Pounds; 50 Pounds; 200 Pounds; 240 Pounds; 320 Pounds; 30 Pounds; 300 Pounds; 400 Pounds; 250 Pounds; 350 Pounds; 200 Pounds; 200 Pounds; 300 Pounds; 850 Pounds; 40 Pounds; 400 Pounds; 40 Pounds; 50 Pounds; 100 Pounds; 30 Pounds; 550 Pounds; 50 Pounds; 600 Pounds; 600 Pounds; 200 Pounds; 2 Gallons; 200 Pounds; 20 Pounds; 100 Pounds; 30 Pounds; 120 Pounds; 320 Pounds; 200 Pounds; 30 Pounds; 40 Pounds
2001: 200 Pounds; 248 Pounds; 40 Pounds; 300 Pounds; 5 Pounds; 1800 Pounds; 200 Pounds; 60 Pounds; 50 Pounds; 80 Pounds; 30 Pounds; 5 Pounds; 400 Pounds; 40 Pounds; 680 Pounds; 5 Pounds; 400 Pounds; 50 Pounds; 480 Pounds; 130 Pounds; 400 Pounds; 700 Pounds; 600 Pounds; 400 Pounds
2002: 800 Pounds; 50 Pounds; 350 Pounds; 400 Pounds; 400 Pounds; 2800 Pounds; 800 Pounds; 20 Pounds; 100 Pounds; 10 Pounds; 40 Pounds; 1 Pounds; 560 Pounds; 150 Pounds; 5 Pounds; 25 Pounds; 10 Pounds; 150 Pounds; 400 Pounds; 280 Pounds; 400 Pounds
2003: 560 Pounds; 250 Pounds; 3 Pounds; 2 Pounds; 10 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 240 Pounds; 280 Pounds; 40 Pounds; 5 Pounds; 30 Pounds; 20 Pounds; 2540 Pounds; 100 Pounds; 30 Pounds; 10 Pounds; 10 Pounds; 30 Pounds; 400 Pounds; 80 Pounds; 440 Pounds; 880 Pounds; 20 Pounds; 2640 Pounds; 440 Pounds; 400 Pounds; 200 Pounds
2004: 250 Pounds; 400 Pounds; 250 Pounds; 400 Pounds; 40 Pounds; 400 Pounds; 100 Pounds; 10 Pounds; 80 Pounds; 20 Gallons; 20 Pounds; 300 Pounds; 40 Pounds; 15 Pounds; 15 Pounds; 150 Pounds; 250 Pounds; 300 Pounds; 50 Pounds; 250 Pounds; 400 Pounds; 126 Pounds; 700 Pounds; 100 Pounds; 500 Pounds; 126 Pounds; 400 Pounds; 400 Pounds; 30 Pounds
2005: 400 Pounds; 150 Pounds; 400 Pounds; 30 Pounds; 30 Pounds; 300 Pounds; 400 Pounds; 15 Pounds; 400 Pounds; 60 Pounds; 400 Pounds; 2 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 250 Pounds

Manifest Information

Waste Code(s):

D012: ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-ENDO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE) (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1988: 2 Pounds; 4 Pounds

Manifest Information

Waste Code(s):

D013: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER) (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1985: 200 Pounds
1986: 150 Pounds; 10 Pounds
1989: 1050 Pounds
2000: 600 Pounds; 400 Pounds
2001: 400 Pounds; 100 Pounds; 200 Pounds; 500 Pounds; 800 Pounds
2003: 40 Pounds

Manifest Information

Waste Code(s):

D014: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE) (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1985: 1200 Pounds
1986: 800 Pounds
1987: 2000 Pounds
1988: 80 Pounds; 1400 Pounds; 80 Pounds

1989: 200 Pounds; 800 Pounds
1993: 300 Pounds
2000: 200 Pounds

Manifest Information

Waste Code(s):

P030: Cyanides (soluble cyanide salts), not otherwise specified

Waste Received By Year:

1982: 260 Pounds; 500 Pounds
1984: 400 Pounds; 1460 Pounds; 165 Gallons
1985: 200 Pounds; 150 Pounds; 30 Pounds; 440 Pounds; 10 Pounds; 160 Pounds; 950 Pounds; 120 Pounds; 40 Pounds; 120 Pounds
1986: 80 Pounds; 1800 Pounds; 60 Pounds; 400 Pounds; 80 Pounds; 900 Pounds; 450 Pounds; 1350 Pounds; 1000 Pounds; 40 Pounds; 200 Pounds; 680 Pounds; 160 Pounds; 200 Pounds; 120 Pounds; 120 Pounds; 960 Pounds; 480 Pounds; 30 Pounds; 40 Pounds; 440 Pounds; 40 Pounds; 480 Pounds; 50 Pounds; 440 Pounds; 120 Pounds; 80 Pounds; 2800 Pounds; 400 Pounds; 7 Gallons; 100 Pounds
1987: 1080 Pounds; 225 Pounds; 140 Pounds; 30 Pounds; 5 Pounds; 80 Pounds; 50 Pounds; 250 Pounds; 80 Pounds; 65 Pounds; 30 Pounds; 38 Pounds; 100 Pounds; 250 Pounds; 360 Pounds; 7 Pounds; 20 Pounds; 400 Pounds
1988: 55 Gallons; 1315 Pounds; 40 Pounds; 250 Pounds; 2750 Pounds; 50 Pounds; 150 Pounds; 40 Pounds; 250 Pounds; 200 Pounds; 560 Pounds; 25 Pounds; 120 Pounds; 40 Pounds; 40 Pounds; 500 Pounds; 300 Pounds; 300 Pounds
1989: 100 Pounds; 75 Pounds; 150 Pounds; 100 Pounds; 40 Pounds; 200 Pounds; 150 Pounds
1990: 10 Pounds; 100 Pounds; 300 Pounds; 20 Pounds; 100 Pounds; 20 Pounds; 30 Pounds; 20 Pounds; 600 Pounds; 30 Pounds; 40 Pounds; 200 Pounds; 50 Pounds; 100 Pounds; 20 Pounds; 5 Pounds; 10 Pounds; 20 Pounds; 400 Pounds; 2 Pounds; 250 Pounds
1991: 40 Pounds; 360 Pounds; 440 Pounds; 30 Pounds; 80 Pounds; 120 Pounds; 30 Pounds; 10 Pounds; 5 Pounds; 160 Pounds; 20 Pounds; 40 Pounds; 50 Pounds; 100 Pounds; 300 Pounds; 240 Pounds; 80 Pounds; 200 Pounds
1992: 30 Pounds; 80 Pounds; 300 Pounds; 60 Pounds; 200 Pounds; 900 Pounds; 200 Pounds; 20 Pounds; 360 Pounds; 1800 Pounds; 120 Pounds; 120 Pounds; 80 Pounds; 80 Pounds; 400 Pounds; 200 Pounds; 320 Pounds; 100 Pounds; 80 Pounds; 80 Pounds; 200 Pounds; 360 Pounds; 450 Pounds; 120 Pounds; 800 Pounds; 800 Pounds; 100 Pounds; 200 Pounds; 150 Pounds; 1800 Pounds; 40 Pounds; 100 Pounds; 250 Pounds; 300 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 50 Pounds; 75 Pounds; 400 Pounds; 200 Pounds; 320 Pounds; 50 Pounds
1993: 360 Pounds; 160 Pounds; 160 Pounds; 320 Pounds; 3 Pounds; 200 Pounds; 80 Pounds; 30 Pounds; 200 Pounds; 225 Pounds; 150 Pounds; 80 Pounds; 360 Pounds
1994: 500 Pounds; 30 Pounds
1996: 40 Pounds
1997: 100 Pounds; 100 Pounds
1998: 80 Pounds; 8800 Pounds; 20 Pounds; 600 Pounds
1999: 180 Pounds
2000: 16 Pounds; 20 Pounds
2002: 50 Pounds; 20 Pounds; 20 Pounds; 5 Pounds; 30 Pounds
2003: 5 Pounds
2005: 1 Pounds

Manifest Information

Waste Code(s):

P032: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 1150 Pounds; 600 Pounds; 100 Pounds

Manifest Information

Waste Code(s):

P034: (131-89-5) 2-Cyclohexyl-4, 6-dinitrophenol

Waste Received By Year:

1987: 62 Pounds

Manifest Information

Waste Code(s):

P037: (60-57-1) Dieldrin

Waste Received By Year:

1987: 4400 Pounds; 150 Pounds
1988: 8000 Pounds; 400 Pounds
1989: 1200 Pounds

Manifest Information

Waste Code(s):

P039: (298-04-4) Phosphorodithioic acid O,O-diethyl S-[2-(ethylthio)ethyl] ester

Waste Received By Year:

1982: 400 Pounds
1991: 50 Pounds

Manifest Information

Waste Code(s):

P040: (297-97-2) Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester

Waste Received By Year:

1986: 25 Pounds; 40 Pounds

Manifest Information

Waste Code(s):

P042: (51-43-4) 1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino) ethyl]-, (R)-

Waste Received By Year:

2004: 1 Pounds

Manifest Information

Waste Code(s):

P043: (55-91-4) Phosphorofluoridic acid, bis(1-methylethyl) ester

Waste Received By Year:

1988: 25 Pounds
1989: 40 Pounds

Manifest Information

Waste Code(s):

U075: (75-71-8) Methane, dichlorodifluoro-

Waste Received By Year:

1998: 3 Pounds
1999: 3 Pounds; 200 Pounds; 80 Pounds; 10 Pounds; 4 Pounds
2000: 20 Pounds

Manifest Information

Waste Code(s):

U077: (107-06-2) Ethane, 1,2-dichloro-

Waste Received By Year:

1997: 10 Pounds
1999: 25 Pounds

Manifest Information

Waste Code(s):

U080: (75-09-2) Methane, dichloro-

Waste Received By Year:

1980/1981: 137 Pounds
1985: 80 Pounds
1986: 275 Pounds; 15 Pounds; 800 Pounds; 200 Pounds
1987: 55 Gallons; 250 Pounds; 250 Pounds; 55 Gallons
1988: 250 Pounds; 250 Pounds; 250 Pounds; 600 Pounds; 150 Pounds; 250 Pounds; 250 Pounds; 200 Pounds; 250 Pounds; 150 Pounds; 15 Pounds; 250 Pounds; 300 Pounds; 250 Pounds; 150 Pounds; 250 Pounds; 250 Pounds
1989: 400 Pounds
1990: 400 Pounds
1991: 100 Pounds; 80 Pounds; 300 Pounds; 80 Pounds
1992: 120 Pounds; 800 Pounds
1993: 240 Pounds
2000: 250 Pounds; 10 Pounds; 80 Pounds
2001: 10 Pounds; 400 Pounds
2003: 80 Pounds
2004: 100 Pounds

Manifest Information

Waste Code(s):

U081: (120-83-2) Phenol, 2,4-dichloro-

Waste Received By Year:

1986: 600 Pounds

Manifest Information

Waste Code(s):

U088: (84-66-2) 1,2-Benzenedicarboxylic acid, diethyl ester

Waste Received By Year:

1985: 100 Pounds
1986: 6141 Pounds

Manifest Information

Waste Code(s):

U092: (124-40-3) Methanamine, N-methyl- (I)

Waste Received By Year:

2002: 10 Pounds

Manifest Information

Waste Code(s):

U096: (80-15-9) Hydroperoxide, 1-methyl-1-phenylethyl- (R)

Waste Received By Year:

1992: 1000 Pounds

Manifest Information

Waste Code(s):

U102: (131-11-3) 1,2-Benzenedicarboxylic acid, dimethyl ester

Waste Received By Year:

2000: 2 Pounds

Manifest Information

Waste Code(s):

U105: (121-14-2) Benzene, 1-methyl-2,4-dinitro-

Waste Received By Year:

1997: 50 Pounds

Manifest Information

Waste Code(s):

U108: (123-91-1) 1,4-Diethyleneoxide

Waste Received By Year:

1988: 100 Pounds
1995: 200 Pounds
2000: 250 Pounds

Manifest Information

Waste Code(s):

U115: (75-21-8) Oxirane (I,T)

Waste Received By Year:

1999: 1 Pounds
2002: 30 Pounds

Manifest Information

Waste Code(s):

U116: (96-45-7) 2-Imidazolidinethione

Waste Received By Year:

2000: 20 Pounds; 15 Pounds

Manifest Information

Waste Code(s):

U119: (62-50-0) Methanesulfonic acid, ethyl ester

Waste Received By Year:

2000: 3 Pounds

Manifest Information

Waste Code(s):

D016: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID) (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1987: 250 Pounds
1990: 1000 Pounds
1991: 40 Pounds
1992: 1100 Pounds
1994: 100 Pounds
1998: 3 Pounds
2000: 400 Pounds; 1800 Pounds; 1200 Pounds; 5400 Pounds; 1900 Pounds; 1200 Pounds; 4000 Pounds; 1200 Pounds; 3600 Pounds; 1500 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 300 Pounds; 4000 Pounds; 1300 Pounds; 1200 Pounds; 1200 Pounds; 10000 Pounds; 12000 Pounds; 1200 Pounds; 2500 Pounds; 1000 Pounds; 1200 Pounds; 800 Pounds; 4000 Pounds
2001: 1100 Pounds
2002: 2 Pounds

Manifest Information

Waste Code(s):

D018: BENZENE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1996: 1400 Pounds
1997: 800 Pounds; 1000 Gallons; 250 Pounds; 200 Pounds; 171 Pounds
1998: 400 Pounds; 400 Pounds; 400 Pounds; 1500 Pounds; 1500 Pounds; 950 Pounds; 400 Pounds; 1600 Pounds; 1600 Pounds; 7200 Pounds; 600 Pounds; 165 Pounds; 2500 Pounds; 2400 Pounds; 4900 Pounds; 500 Pounds
1999: 200 Pounds; 200 Pounds; 550 Pounds; 700 Pounds; 800 Pounds; 400 Pounds
2000: 800 Pounds
2001: 3000 Pounds; 400 Pounds; 1200 Pounds; 300 Pounds
2002: 3200 Pounds; 200 Pounds
2003: 600 Pounds; 100 Gallons; 2000 Pounds; 300 Pounds; 1000 Pounds; 4500 Pounds; 150 Pounds; 750 Pounds; 50 Pounds; 60 Pounds; 3500 Pounds; 300 Pounds
2004: 1000 Pounds; 800 Pounds; 600 Pounds; 280 Gallons

2005: 5000 Pounds

Manifest Information

Waste Code(s):

D019: CARBON TETRACHLORIDE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1992: 100 Pounds; 50 Pounds
1997: 180 Pounds
1998: 11 Pounds
1999: 50 Pounds; 160 Pounds
2000: 30 Pounds
2002: 10 Pounds
2003: 50 Pounds; 30 Pounds; 2 Pounds

Manifest Information

Waste Code(s):

D020: CHLORDANE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1999: 2000 Pounds
2000: 2 Gallons; 200 Pounds
2001: 40 Pounds
2002: 100 Pounds
2003: 5 Pounds; 8 Pounds
2004: 30 Pounds; 70 Pounds
2005: 50 Pounds

Manifest Information

Waste Code(s):

D021: CHLOROBENZENE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1999: 3100 Pounds
2000: 20 Pounds

Manifest Information

Waste Code(s):

P044: (60-51-5) Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino) -2-oxoethyl] ester

Waste Received By Year:

1988: 150 Pounds; 95 Pounds
1989: 150 Pounds

Manifest Information

Waste Code(s):

P047: (1534-52-1) 4,6-Dinitro-o-cresol, & salts

Waste Received By Year:

1987: 250 Pounds
2000: 100 Pounds

Manifest Information

Waste Code(s):

P048: (51-28-5) 2,4-Dinitrophenol

Waste Received By Year:

1989: 1 Pounds
1998: 5 Gallons
2000: 20 Pounds
2003: 1 Pounds; 1 Pounds
2004: 1 Pounds
2005: 1 Pounds

Manifest Information

Waste Code(s):

P051: (172-20-8) 2,7:3,6-Dimethanonaphth [2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)-, & metabolites

Waste Received By Year:

1991: 7000 Pounds
1992: 3200 Pounds; 7350 Pounds

Manifest Information

Waste Code(s):

P059: (76-44-8) Heptachlor

Waste Received By Year:

1987: 400 Pounds
1991: 1000 Pounds

Manifest Information

Waste Code(s):

P064: (624-83-9) Methane, isocyanato-

Waste Received By Year:

1987: 400 Pounds

Manifest Information

Waste Code(s):

P076: (10102-43-9) Nitric oxide

Waste Received By Year:

1985: 150 Pounds; 110 Pounds
2002: 10 Pounds

Manifest Information

Waste Code(s):

P077: (100-01-6) Benzenamine, 4-nitro-

Waste Received By Year:

1988: 450 Pounds
2000: 70 Pounds
2001: 1 Pounds
2002: 5 Pounds

Manifest Information

Waste Code(s):

P078: (10102-44-0) Nitrogen dioxide

Waste Received By Year:

1999: 50 Pounds

Manifest Information

Waste Code(s):

P080: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1992: 40 Pounds

Manifest Information

Waste Code(s):

P087: (20816-12-0) Osmium oxide OsO4, (T-4)-

Waste Received By Year:

1985: 160 Pounds; 400 Pounds; 350 Pounds; 120 Pounds; 320 Pounds
1986: 560 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 280 Pounds; 120 Pounds; 280 Pounds
1987: 25 Pounds
1989: 50 Pounds; 50 Pounds
1990: 250 Pounds
1991: 30 Pounds; 300 Pounds; 80 Pounds; 40 Pounds; 200 Pounds; 250 Pounds; 80 Pounds; 200 Pounds
1992: 100 Pounds; 30 Pounds; 30 Pounds; 40 Pounds; 160 Pounds; 20 Pounds; 100 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 40 Pounds
1993: 120 Pounds; 240 Pounds; 400 Pounds; 40 Pounds; 200 Pounds; 120 Pounds; 40 Pounds; 200 Pounds
1994: 20 Pounds; 40 Pounds
1995: 20 Pounds; 40 Pounds; 40 Pounds; 100 Pounds
1997: 50 Pounds
1998: 1 Pounds
1999: 150 Pounds
2000: 15 Pounds
2002: 1 Pounds; 1 Pounds
2003: 1 Pounds
2004: 1 Pounds

Manifest Information

Waste Code(s):

P090: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 5 Pounds

Manifest Information

Waste Code(s):

P093: (103-85-5) Thiourea, phenyl-

Waste Received By Year:

1998: 165 Gallons

Manifest Information

Waste Code(s):

U123: (64-18-6) Formic acid (C,T)

Waste Received By Year:

1980/1981: 1200 Pounds; 1600 Pounds; 2000 Pounds
1982: 1200 Pounds; 800 Pounds
1987: 250 Pounds
1991: 350 Pounds; 608 Pounds; 200 Pounds; 250 Pounds; 50 Pounds; 120 Pounds; 350 Pounds; 250 Pounds; 450 Pounds; 100 Pounds; 400 Pounds; 1750 Pounds; 700 Pounds; 250 Pounds; 250 Pounds
1992: 150 Pounds; 80 Pounds; 450 Pounds; 200 Pounds; 50 Pounds; 600 Pounds; 200 Pounds; 360 Pounds; 380 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 300 Pounds; 40 Pounds; 200 Pounds; 240 Pounds; 320 Pounds; 100 Pounds; 80 Pounds; 80 Pounds; 120 Pounds; 320 Pounds; 80 Pounds; 200 Pounds; 90 Pounds; 100 Pounds; 300 Pounds; 80 Pounds; 168 Pounds; 360 Pounds
1993: 280 Pounds; 120 Pounds; 200 Pounds; 200 Pounds; 120 Pounds; 400 Pounds; 600 Pounds; 160 Pounds; 80 Pounds; 160 Pounds; 120 Pounds; 100 Pounds; 40 Pounds; 400 Pounds; 440 Pounds; 160 Pounds; 200 Pounds
1994: 40 Pounds; 40 Pounds; 80 Pounds
1995: 80 Pounds; 80 Pounds; 100 Pounds; 80 Pounds; 250 Pounds; 200 Pounds
1996: 260 Pounds; 40 Pounds; 50 Pounds; 300 Pounds; 40 Pounds; 100 Pounds; 80 Pounds
1997: 30 Pounds; 100 Pounds; 250 Pounds; 30 Pounds; 50 Pounds; 40 Pounds; 30 Pounds; 150 Pounds; 40 Pounds; 400 Pounds; 100 Pounds; 40 Pounds; 30 Pounds; 20 Pounds; 150 Pounds; 200 Pounds; 210 Pounds; 250 Pounds
1998: 120 Pounds; 200 Pounds; 300 Pounds; 300 Pounds; 200 Pounds; 300 Pounds; 50 Pounds; 100 Pounds; 200 Pounds; 15 Pounds
1999: 30 Pounds; 50 Pounds; 50 Pounds; 40 Pounds; 10 Pounds; 20 Pounds; 50 Pounds; 400 Pounds; 80 Pounds; 100 Pounds; 300 Pounds; 50 Pounds; 200 Pounds; 450 Pounds; 400 Pounds; 100 Pounds
2000: 50 Pounds; 15 Pounds; 50 Pounds; 30 Pounds; 10 Pounds; 60 Pounds; 40 Pounds; 100 Pounds; 50 Pounds; 150 Pounds; 100 Pounds; 350 Pounds; 50 Pounds
2001: 1 Pounds; 10 Pounds; 300 Pounds; 8 Pounds; 60 Pounds
2002: 40 Pounds; 800 Pounds; 50 Pounds; 30 Pounds; 40 Pounds; 4 Pounds

Manifest Information

Waste Code(s):

U125: (98-01-1) 2-Furancarboxaldehyde (I)

Waste Received By Year:

1996: 200 Pounds; 200 Pounds

Manifest Information

Waste Code(s):

U128: (87-68-3) 1, 3-Butadiene, 1,1,2,3,4,4-hexachloro-

Waste Received By Year:

1993: 300 Pounds

Manifest Information

Waste Code(s):

U129: (58-89-9) Lindane

Waste Received By Year:

1986: 500 Pounds; 135 Gallons
1988: 14 Pounds
1989: 40 Pounds; 280 Pounds
1990: 150 Pounds

Manifest Information

Waste Code(s):

U130: (77-47-4) 1, 3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-

Waste Received By Year:

2000: 5 Pounds

Manifest Information

Waste Code(s):

U131: (67-72-1) Ethane, hexachloro-

Waste Received By Year:

1989: 1200 Pounds; 200 Pounds

Manifest Information

Waste Code(s):

U133: (302-01-2) Hydrazine (R,T)

Waste Received By Year:

1988: 200 Pounds
1989: 1 Pounds
1991: 50 Pounds; 80 Pounds
1992: 40 Pounds; 250 Pounds; 108 Pounds
1998: 1 Pounds; 25 Pounds
1999: 2 Pounds
2000: 1 Pounds; 4 Pounds

Manifest Information

Waste Code(s):

U134: (7664-39-3) Hydrofluoric acid (C,T)

Waste Received By Year:

1991: 1600 Pounds; 40 Pounds; 360 Pounds; 40 Pounds
1992: 160 Pounds; 800 Pounds
1998: 55 Gallons; 55 Gallons
1999: 100 Pounds; 1 Pounds; 60 Pounds; 350 Pounds
2000: 12 Pounds; 200 Pounds
2001: 2 Pounds
2002: 30 Pounds; 1 Pounds
2003: 70 Pounds

Manifest Information

Waste Code(s):

U135: (7783-06-4) Hydrogen sulfide

Waste Received By Year:

1985: 10 Pounds
2000: 10 Pounds; 10 Pounds

Manifest Information

Waste Code(s):

U136: (75-60-5) Arsinic acid, dimethyl-

Waste Received By Year:

1998: 6 Pounds
2002: 10 Pounds

Manifest Information

Waste Code(s):

U138: (74-88-4) Methane, iodo-

Waste Received By Year:

1988: 300 Pounds
1999: 1 Pounds; 1 Pounds

Manifest Information

Waste Code(s):

U139: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

2004: 250 Pounds

Manifest Information

Waste Code(s):

U144: (301-04-2) Acetic acid, lead(2+) salt

Waste Received By Year:

1985: 50 Pounds; 400 Pounds; 200 Pounds
1986: 100 Pounds
1988: 50 Pounds
1991: 20 Pounds
1992: 120 Pounds
1997: 30 Pounds; 15 Pounds

Manifest Information

Waste Code(s):

U148: (123-33-1) Maleic hydrazide

Waste Received By Year:

2004: 10 Pounds

Manifest Information

Waste Code(s):

U151: (7439-97-6) Mercury

Waste Received By Year:

1985: 300 Pounds; 50 Pounds; 200 Pounds; 90 Pounds; 300 Pounds
1986: 30 Pounds; 30 Pounds; 40 Pounds; 120 Pounds; 900 Pounds; 10 Pounds; 150 Pounds; 360 Pounds
1987: 40 Pounds; 150 Pounds
1988: 20 Pounds
1989: 25 Pounds; 1 Pounds; 1 Pounds; 800 Pounds; 25 Pounds
1993: 10 Pounds
1997: 20 Pounds; 60 Pounds; 30 Pounds; 5 Pounds; 20 Pounds; 10 Pounds; 10 Pounds; 30 Pounds; 30 Pounds; 60 Pounds; 5 Pounds; 20 Pounds; 5 Pounds; 5 Pounds; 2 Pounds; 10 Pounds; 30 Pounds; 40 Pounds; 5 Pounds; 5 Pounds; 100 Pounds; 30 Pounds; 40 Pounds
1998: 15 Pounds; 30 Pounds; 30 Pounds; 5 Pounds; 15 Pounds; 30 Pounds; 15 Pounds; 30 Pounds; 50 Pounds; 20 Pounds; 50 Pounds; 50 Pounds; 15 Pounds; 30 Pounds; 30 Pounds; 20 Pounds; 30 Pounds; 180 Pounds; 40 Pounds; 5 Pounds; 5 Pounds; 30 Pounds; 25 Pounds; 20 Pounds; 30 Pounds; 80 Pounds; 10 Pounds; 2 Pounds; 10 Pounds; 10 Pounds; 20 Pounds; 10 Pounds; 20 Pounds; 10 Pounds; 40 Pounds; 30 Pounds; 50 Pounds; 30 Pounds; 50 Pounds; 1 Pounds; 20 Pounds; 5 Pounds; 5 Pounds; 1 Pounds; 30 Pounds; 100 Pounds; 10 Pounds
1999: 10 Pounds; 20 Pounds; 25 Pounds; 10 Pounds; 50 Pounds; 30 Pounds; 2 Pounds; 40 Pounds; 10 Pounds; 50 Pounds; 5 Pounds; 25 Pounds; 20 Pounds
2000: 2 Pounds; 1 Pounds
2001: 5 Pounds

Manifest Information

Waste Code(s):

U152: (126-98-7) Methacrylonitrile (I,T)

Waste Received By Year:

2003: 40 Pounds

Manifest Information

Waste Code(s):

U158: (101-14-4) 4,4'-Methylenebis (2-chloroaniline)

Waste Received By Year:

1986: 640 Pounds
1992: 400 Pounds

Manifest Information

Waste Code(s):

U161: (108-10-1) Methyl isobutyl ketone (I)

Waste Received By Year:

1986: 200 Pounds

Manifest Information

Waste Code(s):

U165: (91-20-3) Naphthalene

Waste Received By Year:

1987: 60 Pounds; 300 Pounds
1988: 150 Pounds; 50 Pounds
1989: 30 Pounds
1990: 400 Pounds
1991: 2 Pounds; 300 Pounds; 150 Pounds; 7 Pounds
1992: 19 Pounds
1993: 30 Pounds
2000: 10 Pounds; 15 Pounds; 80 Pounds; 15 Pounds
2001: 2 Pounds; 12 Pounds; 60 Pounds
2002: 15 Pounds
2003: 1 Pounds; 15 Pounds
2004: 10 Pounds

Manifest Information

Waste Code(s):

U166: (130-15-4) 1,4-Naphthalenedione

Waste Received By Year:

1988: 500 Pounds
1990: 250 Pounds

Manifest Information

Waste Code(s):

U170: (100-02-7) p-Nitrophenol

Waste Received By Year:

1988: 150 Pounds; 300 Pounds
1990: 200 Pounds
1992: 20 Pounds
2001: 3 Pounds

Manifest Information

Waste Code(s):

U177: (684-93-5) Urea, N-methyl-N-nitroso-

Waste Received By Year:

1994: 40 Pounds

Manifest Information

Waste Code(s):

U181: (99-55-8) 5-Nitro-o-toluidine

Waste Received By Year:

1993: 75 Pounds

Manifest Information

Waste Code(s):

U188: (108-95-2) Phenol

Waste Received By Year:

1984: 320 Pounds; 1200 Pounds; 450 Pounds; 40 Pounds; 520 Pounds; 40 Pounds
1985: 40 Pounds; 800 Pounds; 50 Pounds; 100 Pounds; 750 Pounds; 160 Pounds; 7200 Pounds; 100 Pounds; 200 Pounds; 250 Pounds; 240 Pounds; 40 Pounds; 1160 Pounds; 280 Pounds; 240 Pounds; 320 Pounds; 120 Pounds; 60 Pounds; 600 Pounds; 150 Pounds; 350 Pounds; 40 Pounds; 280 Pounds
1986: 280 Pounds; 150 Pounds; 280 Pounds; 200 Pounds; 90 Pounds; 120 Pounds; 30 Pounds; 60 Pounds; 720 Pounds; 120 Pounds; 1000 Pounds; 280 Pounds; 90 Pounds; 40 Pounds; 280 Pounds; 560 Pounds; 360 Pounds; 125 Pounds; 30 Pounds; 40 Pounds; 750 Pounds; 160 Pounds; 200 Pounds; 3 Pounds; 80 Pounds; 50 Pounds; 180 Pounds; 720 Pounds; 280 Pounds; 60 Pounds; 200 Pounds; 120 Pounds; 280 Pounds; 660 Pounds; 1800 Pounds; 540 Pounds; 120 Pounds; 330 Pounds; 200 Pounds; 90 Pounds; 40 Pounds; 510 Pounds; 320 Pounds; 480 Pounds; 480 Pounds; 440 Pounds; 1080 Pounds; 90 Pounds; 200 Pounds; 280 Pounds; 3400 Pounds; 90 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 150 Pounds; 40 Pounds; 210 Pounds; 1800 Pounds; 120 Pounds; 80 Pounds; 240 Pounds; 280 Pounds; 20 Pounds; 240 Pounds; 200 Pounds; 800 Pounds; 4800 Pounds; 540 Pounds; 120 Pounds; 280 Pounds; 800 Pounds; 320 Pounds; 7000 Pounds; 80 Pounds; 1000 Pounds; 120 Pounds; 300 Pounds; 240 Pounds; 280 Pounds; 40 Pounds; 200 Pounds; 2240 Pounds; 660 Pounds; 200 Pounds; 320 Pounds; 480 Pounds; 1000 Pounds; 10 Pounds; 120 Pounds; 120 Pounds; 30 Pounds; 640 Pounds; 120 Pounds; 200 Pounds; 120 Pounds; 600 Pounds; 440 Pounds; 2400 Pounds; 200 Pounds; 800 Pounds; 40 Pounds; 180 Pounds
1987: 400 Pounds; 280 Pounds; 30 Pounds; 200 Pounds; 200 Pounds; 150 Pounds; 1080 Pounds; 40 Pounds; 30 Pounds; 280 Pounds; 80 Pounds; 150 Pounds; 250 Pounds; 80 Pounds; 200 Pounds; 25 Pounds; 100 Pounds; 280 Pounds; 320 Pounds; 80 Pounds; 120 Pounds; 40 Pounds; 760 Pounds; 120 Pounds; 400 Pounds; 720 Pounds; 55 Gallons; 280 Pounds; 3800 Pounds; 80 Pounds; 920 Pounds; 40 Pounds; 120 Pounds; 360 Pounds; 160 Pounds; 160 Pounds; 80 Pounds; 40 Pounds; 110 Gallons; 80 Pounds; 20 Pounds; 440 Pounds; 400 Pounds; 450 Pounds; 690 Pounds; 100 Pounds; 150 Pounds; 120 Pounds; 200 Pounds; 400 Pounds; 360 Pounds; 450 Pounds; 280 Pounds; 40 Pounds; 250 Pounds; 40 Pounds; 1000 Pounds; 500 Pounds; 160 Pounds; 450 Pounds; 120 Pounds; 150 Pounds; 720 Pounds
1988: 600 Pounds; 600 Pounds; 300 Pounds; 300 Pounds; 200 Pounds; 420 Pounds; 60 Pounds; 40 Pounds; 400 Pounds; 300 Pounds; 300 Pounds; 150 Pounds; 100 Pounds; 180 Pounds; 2950 Pounds; 240 Pounds; 440 Pounds; 40 Pounds; 450 Pounds; 300 Pounds; 850 Pounds; 400 Pounds; 150 Pounds; 420 Pounds; 40 Pounds; 100 Pounds; 1800 Pounds; 80 Pounds; 300 Pounds; 600 Pounds; 250 Pounds; 100 Pounds; 60 Pounds; 200 Pounds; 200 Pounds; 320 Pounds; 720 Pounds; 400 Pounds; 125 Pounds; 700 Pounds
1989: 225 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 60 Pounds; 200 Pounds; 180 Pounds; 350 Pounds; 800 Pounds; 140 Pounds; 400 Pounds; 100 Pounds; 30 Pounds; 20 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 300 Pounds; 20 Pounds; 250 Pounds; 400 Pounds; 100 Pounds; 400 Pounds; 200 Pounds; 10 Pounds; 30 Pounds; 750 Pounds; 50 Pounds; 1400 Pounds; 20 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 400 Pounds; 320 Pounds; 60 Pounds; 100 Gallons; 1050 Pounds
1990: 600 Pounds; 600 Pounds; 300 Pounds; 300 Pounds; 250 Pounds; 500 Pounds; 500 Pounds; 750 Pounds; 100 Pounds; 80 Pounds; 250 Pounds; 40 Pounds; 120 Pounds; 500 Pounds; 500 Pounds; 200 Pounds; 250 Pounds; 500 Pounds; 250 Pounds; 450 Pounds; 200 Pounds; 80 Pounds; 40 Pounds; 80 Pounds; 30 Pounds; 850 Pounds; 100 Pounds; 20 Pounds; 450 Pounds; 250 Pounds; 175 Pounds; 500 Pounds; 250 Pounds; 1350 Pounds; 900 Pounds; 80 Pounds; 200 Pounds; 200 Pounds; 500 Pounds; 200 Pounds; 600 Pounds; 400 Pounds; 500 Pounds; 160 Pounds; 40 Pounds; 200 Pounds; 1750 Pounds; 80 Pounds; 200 Pounds; 100 Pounds; 200 Pounds; 800 Pounds; 20 Pounds; 250 Pounds; 50 Pounds; 330 Pounds; 250 Pounds; 360 Pounds; 600 Pounds; 80 Pounds; 240 Pounds; 40 Pounds; 40 Pounds; 30 Pounds; 3500 Pounds; 80 Pounds; 20 Pounds; 40 Pounds; 200 Pounds; 150 Pounds; 40 Pounds; 1250 Pounds; 250 Pounds; 250 Pounds; 1200 Pounds; 200 Pounds; 600 Pounds
1991: 320 Pounds; 1000 Pounds; 40 Pounds; 20 Pounds; 100 Pounds; 160 Pounds; 300 Pounds; 150 Pounds; 250 Pounds; 160 Pounds; 700 Pounds;

200 Pounds; 200 Pounds; 40 Pounds; 30 Pounds; 100 Pounds; 100 Pounds; 40 Pounds; 90 Pounds; 200 Pounds; 350 Pounds; 300 Pounds; 300 Pounds; 300 Pounds; 1000 Pounds; 200 Pounds; 450 Pounds; 400 Pounds; 250 Pounds; 400 Pounds; 320 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 250 Pounds; 200 Pounds; 550 Pounds; 200 Pounds; 80 Pounds; 750 Pounds; 40 Pounds; 250 Pounds; 100 Pounds; 150 Pounds; 50 Pounds; 750 Pounds; 80 Pounds; 120 Pounds; 200 Pounds; 50 Pounds; 150 Pounds; 120 Pounds; 80 Pounds; 300 Pounds; 160 Pounds; 250 Pounds; 40 Pounds; 750 Pounds; 250 Pounds; 280 Pounds; 40 Pounds; 80 Pounds; 40 Pounds; 80 Pounds; 120 Pounds; 120 Pounds; 40 Pounds; 360 Pounds; 120 Pounds; 200 Pounds; 200 Pounds; 50 Pounds; 500 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 80 Pounds; 600 Pounds; 600 Pounds; 320 Pounds; 360 Pounds; 750 Pounds; 1250 Pounds; 350 Pounds; 40 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 200 Pounds; 160 Pounds; 8 Pounds; 250 Pounds; 100 Pounds; 40 Pounds; 250 Pounds; 100 Pounds; 50 Pounds; 300 Pounds; 150 Pounds

1992: 80 Pounds; 320 Pounds; 120 Pounds; 850 Pounds; 150 Pounds; 160 Pounds; 100 Pounds; 250 Pounds; 40 Pounds; 120 Pounds; 80 Pounds; 40 Pounds; 600 Pounds; 40 Pounds; 320 Pounds; 150 Pounds; 400 Pounds; 250 Pounds; 80 Pounds; 100 Pounds; 1500 Pounds; 300 Pounds; 250 Pounds; 150 Pounds; 40 Pounds; 40 Pounds; 280 Pounds; 50 Pounds; 80 Pounds; 200 Pounds; 160 Pounds; 320 Pounds; 120 Pounds; 160 Pounds; 360 Pounds; 200 Pounds; 80 Pounds; 40 Pounds; 50 Pounds; 80 Pounds; 600 Pounds; 40 Pounds; 80 Pounds; 60 Pounds; 160 Pounds; 560 Pounds; 240 Pounds; 150 Pounds; 40 Pounds; 20 Pounds; 160 Pounds; 75 Pounds; 150 Pounds; 200 Pounds; 40 Pounds; 160 Pounds; 100 Pounds; 300 Pounds; 150 Pounds; 250 Pounds; 320 Pounds; 1250 Pounds; 40 Pounds; 120 Pounds; 600 Pounds; 800 Pounds; 150 Pounds; 900 Pounds; 200 Pounds; 120 Pounds; 60 Pounds; 600 Pounds; 160 Pounds; 80 Pounds; 200 Pounds; 300 Pounds; 300 Pounds; 200 Pounds; 40 Pounds; 160 Pounds; 100 Pounds; 120 Pounds; 200 Pounds; 135 Pounds; 600 Pounds; 520 Pounds; 120 Pounds; 80 Pounds; 80 Pounds; 80 Pounds; 600 Pounds; 200 Pounds; 320 Pounds; 120 Pounds; 200 Pounds; 250 Pounds; 40 Pounds; 240 Pounds; 75 Pounds; 150 Pounds; 40 Pounds; 600 Pounds; 320 Pounds; 80 Pounds; 1250 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 120 Pounds; 450 Pounds; 160 Pounds; 200 Pounds; 80 Pounds; 200 Pounds; 80 Pounds

1993: 160 Pounds; 160 Pounds; 80 Pounds; 75 Pounds; 600 Pounds; 40 Pounds; 440 Pounds; 160 Pounds; 150 Pounds; 40 Pounds; 40 Pounds; 350 Pounds; 160 Pounds; 400 Pounds; 80 Pounds; 50 Pounds; 400 Pounds; 40 Pounds; 440 Pounds; 440 Pounds; 80 Pounds; 160 Pounds; 80 Pounds; 100 Pounds; 75 Pounds; 320 Pounds; 120 Pounds; 120 Pounds; 40 Pounds; 360 Pounds; 160 Pounds; 160 Pounds; 360 Pounds; 120 Pounds; 40 Pounds; 100 Pounds; 40 Pounds; 200 Pounds; 280 Pounds; 280 Pounds; 250 Pounds; 160 Pounds; 320 Pounds; 40 Pounds; 280 Pounds; 80 Pounds; 240 Pounds; 480 Pounds; 80 Pounds; 80 Pounds; 280 Pounds; 225 Pounds; 1050 Pounds; 560 Pounds; 400 Pounds; 500 Pounds; 300 Pounds; 360 Pounds; 40 Pounds; 360 Pounds; 280 Pounds; 100 Pounds; 280 Pounds; 600 Pounds; 100 Pounds; 80 Pounds; 50 Pounds; 120 Pounds; 100 Pounds

1994: 300 Pounds; 80 Pounds; 40 Pounds; 240 Pounds; 160 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 160 Pounds; 280 Pounds; 200 Pounds; 240 Pounds; 200 Pounds; 120 Pounds; 30 Pounds; 40 Pounds; 80 Pounds; 40 Pounds; 160 Pounds; 240 Pounds; 120 Pounds; 40 Pounds; 40 Pounds; 20 Pounds; 40 Pounds; 100 Pounds; 40 Pounds; 240 Pounds; 50 Pounds; 120 Pounds; 50 Pounds; 160 Pounds; 320 Pounds; 80 Pounds; 100 Pounds; 100 Pounds; 240 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 80 Pounds; 100 Pounds; 120 Pounds; 40 Pounds; 80 Pounds; 150 Pounds; 250 Pounds; 40 Pounds; 160 Pounds; 120 Pounds; 50 Pounds; 320 Pounds; 120 Pounds; 40 Pounds; 80 Pounds; 240 Pounds; 120 Pounds; 30 Pounds; 80 Pounds; 200 Pounds; 240 Pounds; 40 Pounds; 160 Pounds; 600 Pounds; 160 Pounds; 50 Pounds; 20 Pounds; 40 Pounds; 200 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 120 Pounds; 200 Pounds; 400 Pounds; 40 Pounds; 40 Pounds

1995: 240 Pounds; 50 Pounds; 300 Pounds; 40 Pounds; 120 Pounds; 120 Pounds; 40 Pounds; 340 Pounds; 400 Pounds; 40 Pounds; 180 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 280 Pounds; 120 Pounds; 400 Pounds; 240 Pounds; 160 Pounds; 80 Pounds; 240 Pounds; 80 Pounds; 160 Pounds; 40 Pounds; 160 Pounds; 50 Pounds; 160 Pounds; 120 Pounds; 160 Pounds; 40 Pounds; 40 Pounds; 400 Pounds; 160 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 50 Pounds; 160 Pounds; 10 Pounds; 360 Pounds; 80 Pounds; 200 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 40 Pounds; 280 Pounds; 120 Pounds

1996: 200 Pounds; 160 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 75 Pounds; 80 Pounds; 200 Pounds; 120 Pounds; 150 Pounds; 40 Pounds; 115 Pounds; 80 Pounds; 150 Pounds; 400 Pounds; 130 Pounds; 80 Pounds; 100 Pounds; 120 Pounds; 50 Pounds; 180 Pounds; 150 Pounds; 240 Pounds; 200 Pounds; 160 Pounds; 10 Pounds; 240 Pounds; 200 Pounds; 200 Pounds; 240 Pounds; 75 Pounds; 180 Pounds; 10 Pounds; 50 Pounds; 10 Pounds; 150 Pounds; 250 Pounds; 300 Pounds; 65 Pounds; 100 Pounds; 100 Pounds; 350 Pounds; 30 Pounds; 200 Pounds; 200 Pounds; 80 Pounds; 80 Pounds; 120 Pounds; 100 Pounds; 305 Pounds; 10 Pounds; 215 Pounds

1997: 40 Pounds; 10 Pounds; 120 Pounds; 2400 Pounds; 120 Pounds; 50 Pounds; 50 Pounds; 300 Pounds; 50 Pounds; 120 Pounds; 30 Pounds; 50 Pounds; 250 Pounds; 400 Pounds; 26000 Pounds; 50 Pounds; 100 Pounds; 160 Pounds; 80 Pounds; 280 Pounds; 40 Pounds; 200 Pounds; 120 Pounds; 50 Pounds; 80 Pounds; 50 Pounds; 50 Pounds; 120 Pounds; 40 Pounds; 300 Pounds; 80 Pounds; 150 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 600 Pounds; 10 Pounds; 50 Pounds; 30 Pounds; 50 Pounds; 30 Pounds; 250 Pounds; 60 Pounds; 250 Pounds; 50 Pounds; 300 Pounds; 50 Pounds; 130 Pounds; 400 Pounds; 2400 Pounds; 130 Pounds; 40 Pounds; 50 Pounds; 80 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 250 Pounds; 50 Pounds; 50 Pounds; 160 Pounds; 40 Pounds; 400 Pounds; 50 Pounds; 150 Pounds; 15 Pounds; 2400 Pounds; 80 Pounds; 250 Pounds; 150 Pounds; 10 Pounds; 120 Pounds; 250 Pounds; 300 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 2400 Pounds; 200 Pounds; 10 Pounds; 150 Pounds; 280 Pounds; 50 Pounds; 800 Pounds; 120 Pounds; 120 Pounds; 50 Pounds; 60 Pounds; 15000 Pounds; 40 Pounds; 300 Pounds; 160 Pounds; 40 Pounds; 10 Pounds

1998: 180 Pounds; 250 Pounds; 140 Pounds; 150 Pounds; 130 Pounds; 200 Pounds; 140 Pounds; 250 Pounds; 300 Pounds; 120 Pounds; 80 Pounds; 450 Pounds; 60 Pounds; 5 Pounds; 50 Pounds; 8 Pounds; 180 Pounds; 500 Pounds; 60 Pounds; 150 Pounds; 130 Pounds; 50 Pounds; 240 Pounds; 240 Pounds; 100 Pounds; 50 Pounds; 300 Pounds; 180 Pounds; 150 Pounds; 100 Pounds; 160 Pounds; 200 Pounds; 100 Pounds; 250 Pounds; 25 Pounds; 30 Pounds; 200 Pounds; 150 Pounds; 320 Pounds; 100 Pounds; 160 Pounds; 320 Pounds; 100 Pounds; 60 Pounds; 120 Pounds; 180 Pounds; 450 Pounds; 150 Pounds; 250 Pounds; 40 Pounds; 250 Pounds; 150 Pounds; 200 Pounds; 80 Pounds; 50 Pounds; 120 Pounds; 200 Pounds; 80 Pounds; 160 Pounds; 85 Pounds; 250 Pounds; 140 Pounds; 350 Pounds; 50 Pounds; 50 Pounds; 140 Pounds; 100 Pounds; 30 Pounds; 180 Pounds; 160 Pounds; 50 Pounds; 350 Pounds; 250 Pounds; 210 Pounds; 50 Pounds; 150 Pounds; 140 Pounds; 50 Pounds

1999: 150 Pounds; 200 Pounds; 160 Pounds; 160 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 30 Pounds; 40 Pounds; 150 Pounds; 200 Pounds; 200 Pounds; 250 Pounds; 30 Pounds; 200 Pounds; 80 Pounds; 200 Pounds; 150 Pounds; 80 Pounds; 60 Pounds; 200 Pounds; 250 Pounds; 200 Pounds; 200 Pounds; 180 Pounds; 50 Pounds; 1010 Pounds; 100 Pounds; 20 Pounds; 60 Pounds; 5 Pounds; 350 Pounds; 240 Pounds; 150 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 40 Pounds; 200 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 10 Pounds; 200 Pounds; 150 Pounds; 44 Pounds; 20 Pounds; 180 Pounds; 50 Pounds; 300 Pounds; 60 Pounds; 50 Pounds; 200 Pounds; 50 Pounds; 10 Pounds; 150 Pounds; 10 Pounds

2000: 40 Pounds; 250 Pounds; 240 Pounds; 50 Pounds; 50 Pounds; 72 Pounds; 50 Pounds; 150 Pounds; 10 Pounds; 50 Pounds; 15 Pounds; 30 Pounds; 150 Pounds; 120 Pounds; 80 Pounds; 150 Pounds; 1 Pounds; 10 Pounds; 300 Pounds; 200 Pounds; 10 Pounds; 80 Pounds; 160 Pounds; 75 Pounds; 240 Pounds; 50 Pounds; 140 Pounds; 210 Pounds; 10 Pounds; 250 Pounds; 40 Pounds; 75 Pounds; 100 Pounds; 8 Pounds; 100 Pounds; 15 Pounds; 80 Pounds; 100 Pounds; 200 Pounds; 250 Pounds; 40 Pounds; 150 Pounds; 250 Pounds; 150 Pounds; 160 Pounds; 130 Pounds; 120 Pounds; 150 Pounds; 100 Pounds; 40 Pounds; 15 Pounds; 350 Pounds; 50 Pounds; 100 Pounds; 400 Pounds; 50 Pounds; 50 Pounds; 150 Pounds; 200 Pounds; 310 Pounds; 40 Pounds

2001: 80 Pounds; 150 Pounds; 100 Pounds; 50 Pounds; 100 Pounds; 160 Pounds; 120 Pounds; 180 Pounds; 80 Pounds; 30 Pounds; 2 Pounds; 120

Pounds; 1600 Pounds; 250 Pounds; 80 Pounds; 240 Pounds; 100 Pounds; 80 Pounds; 80 Pounds; 200 Pounds; 200 Pounds; 50 Pounds; 250 Pounds; 50 Pounds; 100 Pounds; 25 Pounds; 220 Pounds; 100 Pounds; 80 Pounds; 40 Pounds; 80 Pounds; 250 Pounds; 50 Pounds; 10 Pounds; 300 Pounds; 150 Pounds; 10 Pounds; 10 Pounds; 80 Pounds; 360 Pounds; 150 Pounds; 10 Pounds; 50 Pounds; 1600 Pounds; 40 Pounds
2002: 3 Pounds; 150 Pounds; 50 Pounds; 200 Pounds; 120 Pounds; 10 Pounds; 20 Pounds; 20 Pounds; 150 Pounds; 1 Pounds; 15 Pounds; 30 Pounds; 100 Pounds; 50 Pounds; 30 Pounds; 100 Pounds; 40 Pounds; 40 Pounds; 20 Pounds; 50 Pounds; 20 Pounds; 10 Pounds; 80 Pounds; 30 Pounds; 100 Pounds; 120 Pounds; 100 Pounds; 80 Pounds; 20 Pounds; 30 Pounds; 50 Pounds; 250 Pounds; 60 Pounds; 200 Pounds; 130 Pounds; 35 Pounds; 200 Pounds; 130 Pounds; 10 Pounds; 80 Pounds; 80 Pounds; 200 Pounds; 200 Pounds; 100 Pounds; 40 Pounds
2003: 10 Pounds; 30 Pounds; 10 Pounds; 400 Pounds; 30 Pounds; 50 Pounds; 50 Pounds; 7 Pounds; 10 Pounds; 400 Pounds; 50 Pounds; 200 Pounds; 10 Pounds; 50 Pounds; 25 Pounds; 6 Pounds; 1 Pounds; 10 Pounds; 20 Pounds; 70 Pounds; 120 Pounds; 2 Pounds; 2 Pounds
2004: 40 Pounds; 1 Pounds; 18 Pounds; 10 Pounds; 50 Pounds; 8 Pounds; 2 Pounds; 10 Pounds; 10 Pounds; 3 Pounds; 13 Pounds
2005: 1 Pounds; 40 Pounds; 2 Pounds

Manifest Information

Waste Code(s):

U196: (110-86-1) Pyridine

Waste Received By Year:

1989: 50 Pounds
1994: 200 Pounds
1998: 9 Pounds
2003: 10 Pounds

Manifest Information

Waste Code(s):

X940: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 680 Pounds; 200 Pounds; 520 Pounds
1987: 40 Pounds; 50 Pounds; 200 Pounds; 250 Pounds; 60 Pounds
1988: 750 Pounds

Manifest Information

Waste Code(s):

U201: (108-46-3) Resorcinol

Waste Received By Year:

1986: 300 Pounds; 271 Pounds
1988: 450 Pounds
1990: 200 Pounds
1992: 400 Pounds
1994: 20 Pounds
2001: 20 Pounds
2003: 20 Pounds; 10 Pounds
2004: 9 Pounds
2005: 2 Pounds

Manifest Information

Waste Code(s):

U202: (181-07-2) Saccharin, & salts

Waste Received By Year:

1988: 1500 Pounds
2002: 20 Pounds

Manifest Information

Waste Code(s):

U209: (79-34-5) 1,1,2,2- Tetrachloroethane

Waste Received By Year:

1987: 400 Pounds

Manifest Information

Waste Code(s):

U210: (127-18-4) Tetrachloroethylene

Waste Received By Year:

1987: 250 Pounds; 100 Pounds; 300 Pounds; 200 Pounds
2004: 1 Pounds

Manifest Information

Waste Code(s):

U211: (56-23-5) Methane, tetrachloro-

Waste Received By Year:

1986: 120 Pounds; 200 Pounds; 120 Pounds; 200 Pounds
1987: 150 Pounds; 250 Pounds; 250 Pounds; 250 Pounds; 400 Pounds; 55 Gallons
1988: 750 Pounds; 300 Pounds; 25 Pounds; 50 Pounds; 150 Pounds; 100 Pounds; 400 Pounds; 1050 Pounds
1989: 140 Pounds; 12 Pounds
1990: 25 Pounds
1991: 250 Pounds
2003: 10 Pounds

Manifest Information

Waste Code(s):

U213: (109-99-9) Tetrahydrofuran (I)

Waste Received By Year:

1986: 400 Pounds
1987: 20 Pounds; 25 Pounds; 225 Pounds
1988: 125 Pounds; 600 Pounds; 100 Pounds
1989: 50 Pounds; 50 Pounds
2001: 100 Pounds
2003: 130 Pounds

Manifest Information

Waste Code(s):

U214: (563-68-8) Thallium(I) acetate

Waste Received By Year:

1989: 1 Pounds

Manifest Information

Waste Code(s):

U218: (62-55-5) Thioacetamide

Waste Received By Year:

1991: 80 Pounds
2000: 50 Pounds; 10 Pounds

Manifest Information

Waste Code(s):

U219: (62-56-6) Thiourea

Waste Received By Year:

1988: 150 Pounds
1989: 200 Pounds
1997: 30 Pounds
1999: 120 Pounds; 80 Pounds
2001: 10 Pounds

Manifest Information

Waste Code(s):

U220: (108-88-3) Toluene

Waste Received By Year:

1984: 1089 Pounds
1987: 150 Pounds; 5000 Pounds
1991: 160 Pounds; 400 Pounds; 500 Pounds; 400 Pounds
1997: 1000 Pounds
1998: 155 Pounds
2004: 20 Pounds

Manifest Information

Waste Code(s):

U223: (26471-62-5) Toluene diisocyanate (R,T)

Waste Received By Year:

1986: 20 Pounds; 10 Pounds
1987: 3 Pounds
1988: 50 Pounds; 100 Pounds
1989: 16 Pounds; 2 Pounds
1990: 150 Pounds
1991: 300 Pounds
1995: 800 Pounds; 50 Pounds
1998: 76 Pounds; 1200 Pounds
1999: 90 Pounds; 100 Pounds
2000: 150 Pounds; 30 Pounds
2002: 160 Pounds; 5 Pounds; 1600 Pounds

2004: 10 Pounds

Manifest Information

Waste Code(s):

U225: (75-25-2) Methane, tribromo-

Waste Received By Year:

1986: 250 Pounds
1991: 40 Pounds

Manifest Information

Waste Code(s):

U226: (71-55-6) Methyl chloroform

Waste Received By Year:

1986: 1200 Pounds; 500 Pounds; 9600 Pounds
1987: 150 Pounds; 225 Pounds; 400 Pounds; 400 Pounds
1988: 1200 Pounds; 400 Pounds; 55 Gallons; 50 Pounds; 110 Gallons; 400 Pounds; 250 Pounds; 250 Pounds; 55 Gallons; 150 Pounds
1989: 250 Pounds; 150 Pounds; 250 Pounds; 250 Pounds; 150 Pounds
1991: 80 Pounds
1993: 75 Pounds
2004: 40 Pounds

Manifest Information

Waste Code(s):

U227: (79-00-5) 1,1,2-Trichloroethane

Waste Received By Year:

1986: 1600 Pounds
1988: 450 Pounds; 150 Pounds
1999: 20 Pounds

Manifest Information

Waste Code(s):

U228: (79-01-6) Trlchloroethylene

Waste Received By Year:

1983: 50 Pounds
1985: 100 Pounds; 400 Pounds
1987: 500 Pounds; 400 Pounds
1988: 400 Pounds; 150 Pounds; 250 Pounds
1991: 20 Pounds
1999: 10 Pounds

Manifest Information

Waste Code(s):

U236: (72-57-1) Trypan blue

Waste Received By Year:

1988: 250 Pounds

Manifest Information

Waste Code(s):

U238: (51-79-6) Carbamic acid, ethyl ester

Waste Received By Year:

1986: 200 Pounds

Manifest Information

Waste Code(s):

U239: (1330-20-7) Xylene (I)

Waste Received By Year:

1985: 400 Pounds
1991: 400 Pounds; 2100 Pounds; 40 Pounds; 150 Pounds; 200 Pounds; 800 Pounds
1993: 200 Pounds
1998: 220 Gallons

Manifest Information

Waste Code(s):

U240: (194-75-7) Acetic acid, (2,4-dichlorophenoxy)-, salts & esters

Waste Received By Year:

1985: 4000 Pounds; 660 Pounds; 750 Pounds; 1320 Pounds; 400 Pounds; 1500 Pounds
1988: 1600 Pounds; 200 Pounds; 1500 Pounds; 50 Pounds
1989: 1400 Pounds; 450 Pounds
1993: 500 Pounds
1997: 1400 Pounds
1998: 600 Pounds; 50 Pounds

Manifest Information

Waste Code(s):

U244: (137-26-8) Thioperoxydicarbonic diamide [(H2N)C(S)]2S2, tetramethyl-

Waste Received By Year:

2005: 2 Pounds

Manifest Information

Waste Code(s):

U246: (506-68-3) Cyanogen bromide (CN)Br

Waste Received By Year:

1985: 240 Pounds
1988: 110 Gallons
1990: 200 Pounds
1992: 450 Pounds; 450 Pounds
1993: 200 Pounds; 100 Pounds
1994: 40 Pounds
1996: 600 Pounds
1997: 40 Pounds; 40 Pounds
1999: 100 Pounds
2000: 1 Pounds; 4 Pounds

Manifest Information

Waste Code(s):

U247: (72-43-5) Methoxychlor

Waste Received By Year:

1988: 28000 Pounds; 800 Pounds; 1 Pounds
1992: 20952 Pounds; 2000 Pounds; 3000 Pounds
1994: 250 Pounds
2000: 800 Pounds; 200 Pounds

Manifest Information

Waste Code(s):

U248: (181-81-2) Warfarin, & salts, when present at concentrations of 0.3 percent or less

Waste Received By Year:

2001: 800 Pounds

Manifest Information

Waste Code(s):

U328: (95-53-4) o-Toluidine

Waste Received By Year:

1993: 2400 Pounds
1996: 10 Pounds

Manifest Information

Waste Code(s):

U353: (106-49-0) p-Toluidine

Waste Received By Year:

1988: 750 Pounds

Manifest Information

Waste Code(s):

U404: (121-44-8) Triethylamine

Waste Received By Year:

1999: 160 Pounds; 1 Pounds; 20 Pounds
2000: 2 Pounds; 4 Pounds
2002: 10 Pounds
2004: 2 Pounds

Manifest Information

Waste Code(s):

X000: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1982: 1000 Pounds; 520 Pounds

Manifest Information

Waste Code(s):

X722: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 400 Pounds

Manifest Information

Waste Code(s):

X725: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 1500 Pounds
1987: 4000 Pounds
1988: 3500 Pounds; 500 Pounds; 1200 Pounds; 3600 Pounds; 1500 Pounds; 1200 Pounds
1989: 200 Pounds; 300 Pounds; 160 Pounds; 400 Pounds; 40 Pounds; 160 Pounds; 600 Pounds; 400 Pounds; 4500 Pounds; 320 Pounds; 250 Pounds

Manifest Information

Waste Code(s):

X726: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 850 Pounds; 800 Pounds; 1200 Pounds
1987: 400 Pounds; 4675 Pounds; 250 Pounds
1988: 100 Pounds
1989: 400 Pounds; 400 Pounds; 30 Pounds; 20 Pounds

Manifest Information

Waste Code(s):

X799: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 680 Pounds

Manifest Information

Waste Code(s):

D004: ARSENIC (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1980/1981: 1050 Pounds; 315 Pounds; 450 Pounds; 550 Pounds; 148 Pounds; 350 Pounds; 1100 Pounds; 75 Pounds; 200 Pounds; 250 Pounds; 120 Pounds; 350 Pounds; 350 Pounds; 60 Pounds; 350 Pounds; 280 Pounds; 312 Pounds; 300 Gallons; 250 Pounds; 270 Pounds; 348 Pounds; 250 Pounds; 320 Pounds; 350 Pounds; 300 Pounds; 300 Pounds; 400 Gallons; 150 Pounds; 200 Pounds; 210 Pounds; 168 Pounds; 660 Pounds; 250 Pounds; 50 Pounds; 220 Pounds; 300 Pounds; 301 Pounds; 120 Pounds; 504 Pounds; 490 Pounds; 450 Pounds
1984: 900 Gallons
1985: 55 Gallons; 40 Pounds; 800 Pounds; 100 Pounds
1986: 200 Pounds; 800 Pounds; 5 Gallons; 2400 Pounds; 1200 Pounds; 800 Pounds; 400 Pounds; 100 Pounds; 360 Pounds; 100 Pounds; 5 Pounds; 360 Pounds; 800 Pounds; 8800 Pounds
1987: 1200 Pounds; 4000 Pounds; 250 Pounds; 1200 Pounds; 16065 Pounds; 50 Pounds; 2400 Pounds; 1000 Pounds; 150 Pounds; 250 Pounds; 400 Pounds; 800 Pounds; 2 Pounds; 200 Pounds; 250 Pounds; 1200 Pounds; 1200 Pounds; 400 Pounds; 400 Pounds; 250 Pounds; 200 Pounds; 300 Pounds; 150 Pounds; 400 Pounds
1988: 50 Pounds; 840 Pounds; 250 Pounds; 10 Pounds; 60 Pounds; 25 Pounds; 1200 Pounds; 25 Pounds; 50 Pounds; 25 Pounds; 350 Pounds; 10 Pounds; 250 Pounds; 25 Pounds; 25 Pounds; 300 Pounds; 25 Pounds; 80 Pounds; 25 Pounds; 200 Pounds; 25 Pounds; 50 Pounds; 400 Pounds; 25 Pounds; 1200 Pounds; 400 Pounds; 40 Pounds
1989: 160 Pounds; 506 Pounds; 50 Pounds; 14 Pounds; 5 Pounds; 200 Pounds; 6 Pounds; 32 Pounds; 4 Pounds; 6 Pounds; 15 Pounds; 2 Pounds; 1 Pounds; 100 Pounds; 60 Pounds; 200 Pounds; 40 Pounds; 100 Pounds; 80 Pounds; 100 Pounds; 25 Pounds; 225 Pounds
1990: 100 Pounds; 100 Pounds; 200 Pounds; 250 Pounds; 200 Pounds; 5 Pounds; 5 Pounds; 50 Pounds; 140 Pounds; 200 Pounds; 50 Pounds; 400 Pounds; 20 Pounds; 200 Pounds; 50 Pounds; 200 Pounds; 20 Pounds; 3 Pounds; 450 Pounds; 15 Pounds; 10 Pounds; 100 Pounds; 200 Pounds; 3750 Pounds; 600 Pounds; 150 Pounds
1991: 50 Pounds; 200 Pounds; 240 Pounds; 360 Pounds; 40 Pounds; 50 Pounds; 160 Pounds
1992: 200 Pounds; 40 Pounds; 280 Pounds; 202 Pounds
1993: 20 Pounds; 240 Pounds; 25 Pounds
1994: 950 Pounds; 40 Pounds; 250 Pounds; 40 Pounds; 10 Pounds
1995: 200 Pounds; 40 Pounds; 4 Pounds; 60 Pounds; 40 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 40 Pounds
1996: 40 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 50 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 105 Pounds; 40 Pounds; 30 Pounds; 80 Pounds; 80 Pounds; 100 Pounds
1997: 100 Pounds; 80 Pounds; 50 Pounds; 220 Gallons; 150 Pounds; 50 Pounds
1998: 80 Pounds; 40 Pounds; 10 Pounds; 50 Pounds; 110 Gallons; 275 Gallons; 300 Pounds; 150 Pounds; 24 Pounds
1999: 100 Pounds; 100 Pounds; 200 Pounds; 250 Pounds; 50 Pounds; 5 Pounds; 50 Pounds
2000: 10 Pounds; 40 Pounds; 400 Pounds; 10 Pounds; 5 Pounds
2001: 2800 Pounds; 1600 Pounds
2002: 40 Pounds; 10 Pounds; 150 Pounds; 8 Pounds
2003: 20 Pounds; 5 Pounds; 80 Pounds; 60 Pounds; 5 Pounds; 40 Pounds; 3 Pounds
2004: 20 Pounds; 2 Pounds; 80 Pounds; 100 Pounds
2005: 80 Pounds; 800 Pounds; 100 Pounds; 90 Pounds; 125 Pounds

Manifest Information

Waste Code(s):

D022: CHLOROFORM (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1991: 50 Pounds; 40 Pounds; 300 Pounds; 480 Pounds; 160 Pounds; 10 Pounds; 280 Pounds; 170 Pounds; 80 Pounds; 280 Pounds; 50 Pounds; 250 Pounds; 40 Pounds; 480 Pounds
1992: 40 Pounds; 80 Pounds; 100 Pounds; 200 Pounds; 30 Pounds; 75 Pounds; 250 Pounds; 100 Pounds
1993: 40 Pounds
1994: 40 Pounds; 80 Pounds; 50 Pounds
1995: 280 Pounds; 150 Pounds; 80 Pounds; 40 Pounds; 240 Pounds; 160 Pounds; 150 Pounds; 400 Pounds; 40 Pounds; 50 Pounds; 400 Pounds; 160 Pounds; 20 Pounds; 40 Pounds; 100 Pounds; 320 Pounds; 40 Pounds; 100 Pounds
1996: 40 Pounds; 120 Pounds; 250 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 50 Pounds; 200 Pounds; 400 Pounds; 40 Pounds; 320 Pounds; 100 Pounds; 80 Pounds; 180 Pounds; 100 Pounds; 40 Pounds; 40 Pounds; 250 Pounds
1997: 200 Pounds; 400 Pounds; 100 Pounds; 120 Pounds; 150 Pounds; 50 Pounds; 150 Pounds; 200 Pounds; 200 Pounds; 40 Pounds
1998: 200 Pounds; 400 Pounds; 300 Pounds; 500 Pounds; 400 Pounds; 100 Pounds

1999: 30 Pounds; 5 Pounds; 8 Pounds; 400 Pounds
2000: 100 Pounds; 40 Pounds; 10 Pounds; 400 Pounds; 20 Pounds
2001: 10 Pounds; 40 Pounds; 40 Pounds; 100 Pounds; 40 Pounds; 100 Pounds; 160 Pounds; 60 Pounds; 80 Pounds; 200 Pounds; 40 Pounds; 100 Pounds; 150 Pounds; 40 Pounds; 80 Pounds
2002: 80 Pounds; 220 Pounds; 160 Pounds; 50 Pounds; 100 Pounds; 80 Pounds; 160 Pounds; 400 Pounds; 150 Pounds; 100 Pounds; 80 Pounds; 160 Pounds
2003: 160 Pounds; 400 Pounds; 50 Pounds; 300 Pounds; 3920 Pounds; 50 Pounds; 50 Pounds; 80 Pounds; 200 Pounds; 400 Pounds; 40 Pounds; 40 Pounds; 30 Pounds; 300 Pounds; 4 Pounds; 150 Pounds; 250 Pounds; 200 Pounds; 200 Pounds; 100 Pounds; 50 Pounds; 250 Pounds; 50 Pounds; 50 Pounds; 150 Pounds; 400 Pounds; 80 Pounds; 300 Pounds; 200 Pounds; 2560 Pounds
2004: 80 Pounds; 180 Pounds; 150 Pounds; 200 Pounds; 10 Pounds; 200 Pounds; 60 Pounds; 200 Pounds; 200 Pounds; 100 Pounds; 10 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 10 Pounds; 160 Pounds; 100 Pounds; 80 Pounds; 400 Pounds; 50 Pounds; 350 Pounds; 40 Pounds; 50 Pounds; 50 Pounds; 1120 Pounds; 840 Pounds; 15 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 200 Pounds; 100 Pounds; 280 Pounds; 20 Pounds; 200 Pounds; 120 Pounds; 550 Pounds; 15 Pounds; 5 Pounds; 50 Pounds; 120 Pounds
2005: 200 Pounds; 60 Pounds; 90 Pounds; 150 Pounds; 10 Pounds; 80 Pounds; 50 Pounds; 40 Pounds; 50 Pounds; 200 Pounds; 280 Pounds; 100 Pounds; 100 Pounds; 50 Pounds; 200 Pounds; 65 Pounds; 50 Pounds; 350 Pounds; 120 Pounds; 40 Pounds; 150 Pounds

Manifest Information

Waste Code(s):

D023: O-CRESOL (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1999: 60 Pounds

Manifest Information

Waste Code(s):

D024: M-CRESOL (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1996: 40 Pounds
1998: 2400 Pounds

Manifest Information

Waste Code(s):

D025: P-CRESOL (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1998: 600 Pounds
1999: 375 Pounds; 1200 Pounds; 1200 Pounds

Manifest Information

Waste Code(s):

D026: CRESOL (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1994: 10 Pounds
1999: 39150 Pounds

Manifest Information

Waste Code(s):

D027: 1,4-DICHLOROBENZENE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

2001: 600 Pounds
2002: 10 Pounds; 50 Pounds; 2 Pounds
2003: 80 Pounds

Manifest Information

Waste Code(s):

D035: METHYL ETHYL KETONE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1999: 2200 Pounds

Manifest Information

Waste Code(s):

D036: NITROBENZENE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

2004: 30 Pounds

Manifest Information

Waste Code(s):

P098: (151-50-8) Potassium cyanide

Waste Received By Year:

1987: 225 Pounds; 250 Pounds; 300 Pounds; 150 Pounds; 250 Pounds; 250 Pounds; 250 Pounds; 250 Pounds; 250 Pounds; 40 Pounds; 250 Pounds; 200 Pounds; 25 Pounds; 150 Pounds; 2800 Pounds
1988: 50 Pounds; 50 Pounds; 50 Pounds; 150 Pounds; 55 Gallons; 25 Pounds; 850 Pounds; 200 Pounds; 25 Pounds; 200 Pounds; 600 Pounds; 150 Pounds; 4050 Pounds; 100 Pounds; 1200 Pounds; 50 Pounds
1989: 100 Pounds
1991: 200 Pounds; 200 Pounds; 10 Pounds; 100 Pounds
1992: 280 Pounds; 160 Pounds; 150 Pounds; 40 Pounds; 60 Pounds
1993: 350 Pounds; 200 Pounds
1994: 20 Pounds; 240 Pounds; 40 Pounds
1995: 50 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 280 Pounds
1996: 7 Pounds; 80 Pounds; 30 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 1350 Pounds
1997: 2 Pounds; 280 Pounds; 20 Pounds; 50 Pounds; 50 Pounds; 20 Pounds; 40 Pounds; 120 Pounds; 10 Pounds; 30 Pounds; 50 Pounds
1998: 400 Pounds; 10 Pounds; 150 Pounds; 1 Pounds; 20 Pounds; 30 Pounds; 50 Pounds; 30 Pounds; 60 Pounds; 300 Pounds; 50 Pounds; 2 Pounds; 460 Pounds; 50 Pounds
1999: 50 Pounds; 1 Pounds; 1 Pounds; 1 Pounds; 1 Pounds; 50 Pounds; 50 Pounds
2000: 60 Pounds; 5 Pounds; 1 Pounds; 5 Pounds; 1 Pounds
2001: 1 Pounds; 1 Pounds
2002: 150 Pounds; 250 Pounds; 1 Pounds
2003: 15 Pounds; 30 Pounds; 1 Pounds; 30 Pounds; 15 Pounds
2004: 1 Pounds; 1 Pounds; 50 Pounds
2005: 3 Pounds

Manifest Information

Waste Code(s):

P104: (506-64-9) Silver cyanide

Waste Received By Year:

1986: 80 Pounds
1987: 25 Pounds
1993: 40 Pounds

Manifest Information

Waste Code(s):

U147: (108-31-6) Maleic anhydride

Waste Received By Year:

1990: 50 Pounds
1993: 400 Pounds
2000: 10 Pounds; 50 Pounds; 200 Pounds; 400 Pounds
2001: 50 Pounds

Manifest Information

Waste Code(s):

U154: (67-56-1) Methanol (I)

Waste Received By Year:

1980/1981: 400 Pounds
1991: 160 Pounds
2004: 196 Pounds

Manifest Information

Waste Code(s):

U160: (1338-23-4) Methyl ethyl ketone peroxide (R,T)

Waste Received By Year:

1988: 10 Pounds
1991: 8 Pounds

Manifest Information

Waste Code(s):

U162: (80-62-6) Methyl methacrylate (I,T)

Waste Received By Year:

1987: 400 Pounds
1989: 400 Pounds
1992: 150 Pounds
1997: 30 Pounds
1999: 10 Pounds
2000: 30 Pounds

Manifest Information

Waste Code(s):

U169: (98-95-3) Nitrobenzene (I,T)

Waste Received By Year:

1988: 150 Pounds
1989: 100 Pounds; 30 Pounds

Manifest Information

Waste Code(s):

U176: (759-73-9) Urea, N-ethyl-N-nitroso-

Waste Received By Year:

2000: 3 Pounds

Manifest Information

Waste Code(s):

U180: (930-55-2) N-Nitrosopyrrolidine

Waste Received By Year:

1990: 200 Pounds
2000: 150 Pounds

Manifest Information

Waste Code(s):

U182: (123-63-7) 1,3,5-Trioxane, 2,4,6-trimethyl-

Waste Received By Year:

1992: 200 Pounds

Manifest Information

Waste Code(s):

U190: (85-44-9) 1, 3-Isobenzofurandione

Waste Received By Year:

1988: 138 Pounds
1994: 250 Pounds
1998: 800 Pounds

Manifest Information

Waste Code(s):

F038: (Generic) Petroleum refinery secondary (emulsified) oil/water/solids separation sludge; any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters

segregated for treatment from other process or oily cooling waters, sludges and floats generated in aggressive biological treatment units as defined in subparagraph (2)(ii) of this subdivision (including sludges and floats generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and F037, K048, and K051 wastes are not included in this listing. (T)

Waste Received By Year:

2003: 1920 Pounds

Manifest Information

Waste Code(s):

N012: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 2000 Pounds

Manifest Information

Waste Code(s):

N131: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 1200 Pounds

Manifest Information

Waste Code(s):

N334: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 800 Pounds

Manifest Information

Waste Code(s):

N708: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 520 Pounds
1986: 500 Pounds

Manifest Information

Waste Code(s):

N820: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 1000 Pounds

Manifest Information

Waste Code(s):

N852: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1988: 600 Pounds

Manifest Information

Waste Code(s):

N899: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1985: 155 Pounds
1988: 3634 Pounds; 300 Pounds; 300 Pounds; 150 Pounds

Manifest Information

Waste Code(s):

P003: (107-02-8) 2-Propenal

Waste Received By Year:

1993: 280 Pounds
1999: 560 Pounds

Manifest Information

Waste Code(s):

P005: (107-18-6) 2-Propen-1-ol

Waste Received By Year:

2002: 2 Pounds
2003: 2 Pounds
2004: 2 Pounds

Manifest Information

Waste Code(s):

P007: (2763-96-4) 5-(Aminomethyl)-3-isoxazolol

Waste Received By Year:

1988: 150 Pounds

Manifest Information

Waste Code(s):

P009: (131-74-8) Ammonium picrate (R)

Waste Received By Year:

1991: 11 Pounds

Manifest Information

Waste Code(s):

P011: (1303-28-2) Arsenic oxide As2O5

Waste Received By Year:

1987: 2 Pounds
1988: 250 Pounds
1998: 5 Gallons

Manifest Information

Waste Code(s):

P018: (357-57-3) Strychnidin-10-one, 2,3-dimethoxy-

Waste Received By Year:

1988: 50 Pounds
1996: 1000 Pounds; 1000 Pounds
2001: 10 Pounds

Manifest Information

Waste Code(s):

P022: (75-15-0) Carbon disulfide

Waste Received By Year:

1986: 15 Pounds
1988: 400 Pounds
1991: 250 Pounds
1999: 2 Pounds
2000: 1 Pounds
2002: 1 Pounds

Manifest Information

Waste Code(s):

P029: (544-92-3) Copper cyanide

Waste Received By Year:

1986: 107 Pounds
1987: 200 Pounds

Manifest Information

Waste Code(s):

P063: (74-90-8) Hydrocyanic acid

Waste Received By Year:

1989: 100 Pounds

Manifest Information

Waste Code(s):

P067: (75-55-8) 1,2-Propylenimine

Waste Received By Year:

1990: 40 Pounds

Manifest Information

Waste Code(s):

P075: (154-11-5) Pyridine, 3-(1-methyl- 2-pyrrolidinyl)-, (S)-, & salts

Waste Received By Year:

1988: 200 Pounds
1992: 21000 Pounds; 3600 Pounds
1999: 2 Pounds
2000: 4 Pounds; 5 Pounds; 10 Pounds
2003: 1 Pounds
2004: 1 Pounds; 5 Pounds
2005: 2 Pounds

Manifest Information

Waste Code(s):

P081: (55-63-0) 1,2,3-Propanetriol, trinitrate (R)

Waste Received By Year:

1989: 19380 Pounds; 6290 Pounds; 930 Pounds

Manifest Information

Waste Code(s):

P089: (56-38-2) Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester

Waste Received By Year:

1989: 2400 Pounds

Manifest Information

Waste Code(s):

P092: (62-38-4) Mercury, (acetato-O)phenyl-

Waste Received By Year:

1989: 1 Pounds; 25 Pounds
2000: 200 Pounds; 10 Pounds

Manifest Information

Waste Code(s):

P095: (75-44-5) Phosgene

Waste Received By Year:

1985: 10 Pounds

Manifest Information

Waste Code(s):

B002: (Wastes containing polychlorinated biphenyls (PCBs)) Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers, and cable.

Waste Received By Year:

2001: 1200 Pounds; 200 Pounds
2003: 2320 Pounds; 120 Pounds

Manifest Information

Waste Code(s):

B007: (Wastes containing polychlorinated biphenyls (PCBs)) Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

Waste Received By Year:

1983: 800 Pounds
1992: 80 Pounds

Manifest Information

Waste Code(s):

CR05: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1988: 1325 Pounds

Manifest Information

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Received By Year:

1980/1981: 50 Pounds; 590 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 200 Pounds; 60 Pounds; 50 Pounds; 175 Pounds; 50 Pounds; 50 Pounds; 400 Pounds; 3550 Pounds; 400 Pounds; 720 Pounds; 1310 Pounds; 8800 Pounds; 300 Pounds; 280 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 70 Pounds; 100 Pounds; 220 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 184 Pounds; 50 Pounds; 3710 Pounds; 496 Pounds; 400 Pounds; 200 Pounds; 580 Pounds; 960 Gallons; 400 Pounds; 1820 Pounds; 50 Pounds; 1350 Pounds; 5050 Pounds; 460 Pounds; 100 Pounds; 2 Pounds; 4160 Pounds; 4640 Pounds; 4510 Pounds; 40 Pounds; 50 Pounds; 4000 Pounds; 3040 Pounds; 4560 Pounds; 400 Pounds; 70 Pounds; 50 Pounds; 70 Pounds; 434 Pounds; 3390 Gallons; 4310 Pounds; 1300 Pounds; 680 Pounds; 400 Pounds; 2640 Pounds; 1350 Pounds; 5535 Pounds; 5680 Pounds; 4880 Pounds; 1410 Pounds; 1700 Pounds; 300 Pounds; 420 Pounds; 450 Pounds; 250 Pounds; 400 Pounds; 2400 Pounds; 2050 Pounds; 4760 Pounds; 2630 Pounds; 90 Pounds; 500 Pounds; 4950 Pounds; 1300 Pounds; 5400 Pounds; 1130 Pounds; 930 Gallons; 1070 Pounds; 1300 Pounds; 625 Pounds; 1343 Pounds; 680 Pounds; 860 Pounds; 300 Pounds; 410 Pounds; 520 Pounds; 550 Pounds; 560 Pounds; 50 Pounds; 420 Pounds; 240 Pounds; 770

Pounds; 340 Pounds; 50 Pounds; 300 Pounds; 5920 Gallons; 7380 Pounds; 6800 Pounds; 940 Pounds; 2560 Pounds; 545 Pounds; 300 Pounds; 668 Pounds; 5100 Pounds; 3940 Pounds; 570 Pounds; 220 Pounds; 780 Pounds; 510 Pounds; 190 Pounds; 680 Pounds; 2050 Pounds; 1540 Pounds; 520 Pounds; 250 Pounds; 280 Pounds; 20 Pounds; 1750 Pounds; 450 Pounds; 740 Pounds; 4000 Pounds; 720 Pounds; 720 Pounds; 835 Pounds; 100 Pounds; 700 Pounds; 500 Pounds; 50 Pounds; 280 Pounds; 50 Pounds; 50 Pounds; 900 Pounds; 150 Pounds; 50 Gallons; 1050 Pounds; 210 Pounds; 75 Pounds; 50 Pounds; 120 Pounds; 50 Pounds; 4400 Pounds; 140 Pounds; 920 Pounds; 6700 Pounds; 420 Pounds; 680 Pounds; 9380 Gallons; 5560 Pounds; 4120 Pounds; 4900 Pounds; 4440 Pounds; 2880 Gallons; 310 Pounds; 580 Gallons; 500 Pounds; 1600 Pounds; 2160 Pounds; 160 Pounds; 6700 Pounds; 438 Pounds; 555 Pounds; 849 Pounds; 947 Pounds; 660 Pounds; 70 Pounds; 1600 Pounds; 1600 Pounds; 150 Pounds; 890 Pounds; 600 Pounds; 100 Pounds; 50 Pounds; 100 Pounds; 1000 Pounds; 100 Gallons; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 650 Pounds; 90 Pounds; 100 Pounds; 200 Pounds; 780 Pounds; 300 Pounds; 250 Pounds; 50 Pounds; 570 Pounds; 100 Pounds; 560 Pounds; 140 Pounds; 100 Pounds; 100 Pounds; 100 Pounds; 200 Pounds; 120 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 1600 Pounds; 50 Pounds; 100 Pounds; 100 Pounds; 100 Pounds; 49 Pounds; 51 Pounds; 25 Pounds; 152 Pounds; 200 Pounds; 100 Pounds; 80 Pounds; 350 Pounds; 103 Pounds; 100 Pounds; 50 Pounds; 4400 Pounds; 1060 Pounds; 1780 Pounds; 480 Pounds; 800 Pounds; 9140 Pounds; 3270 Pounds; 40 Pounds; 4900 Pounds; 7270 Pounds; 1480 Pounds; 1480 Gallons; 720 Pounds; 500 Gallons; 70 Pounds; 100 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 1050 Pounds; 160 Pounds; 100 Pounds; 1380 Cubic yards; 340 Pounds; 100 Pounds; 200 Pounds; 250 Pounds; 200 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 160 Pounds; 50 Pounds; 140 Pounds; 50 Pounds; 50 Pounds; 210 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 140 Pounds; 50 Pounds; 50 Pounds; 500 Pounds; 970 Pounds; 160 Pounds; 400 Pounds; 90 Pounds; 50 Pounds; 400 Pounds; 2200 Gallons; 350 Pounds; 540 Pounds; 150 Pounds; 50 Pounds; 165 Pounds; 50 Pounds; 100 Pounds; 4550 Pounds; 4760 Pounds; 50 Pounds; 280 Pounds; 50 Pounds; 553 Pounds; 65 Pounds; 155 Pounds; 228 Pounds; 114 Pounds; 30 Pounds; 50 Pounds

1982: 40 Pounds; 100 Pounds; 60 Pounds; 100 Pounds; 75 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 80 Pounds; 2 Pounds; 50 Pounds; 200 Pounds; 50 Pounds; 350 Pounds; 800 Pounds; 6020 Pounds; 210 Pounds; 7230 Pounds; 5680 Pounds; 4440 Pounds; 3210 Pounds; 2650 Pounds; 6200 Pounds; 1270 Pounds; 350 Pounds; 1510 Pounds; 2580 Pounds; 2800 Pounds; 1800 Pounds; 1430 Pounds; 560 Pounds; 4150 Pounds; 6360 Pounds; 800 Pounds; 175 Pounds; 1670 Pounds; 4700 Pounds; 500 Pounds; 10 Pounds; 600 Pounds; 350 Pounds; 2020 Pounds; 3610 Pounds; 7610 Pounds; 8880 Pounds; 5080 Pounds; 1360 Pounds; 1040 Pounds; 2700 Pounds; 50 Pounds; 300 Pounds; 20 Pounds; 40 Pounds; 2800 Pounds; 150 Pounds; 50 Pounds; 2 Pounds; 2400 Pounds; 240 Pounds; 250 Pounds; 50 Pounds; 500 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 300 Pounds; 5 Pounds; 50 Pounds; 850 Pounds; 50 Pounds; 5 Pounds; 200 Pounds; 340 Pounds; 50 Pounds; 640 Pounds; 1690 Pounds; 800 Pounds; 570 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 10 Pounds; 20 Pounds; 40 Pounds; 440 Pounds; 300 Pounds; 1800 Pounds; 1230 Pounds; 840 Pounds; 700 Pounds; 2530 Pounds; 760 Pounds; 2150 Pounds; 4300 Pounds; 2440 Pounds; 8050 Pounds; 6630 Pounds; 1900 Pounds; 2060 Pounds; 1640 Pounds; 4950 Pounds; 5060 Pounds; 4910 Pounds; 4560 Gallons; 4470 Pounds; 4280 Pounds; 4100 Pounds; 4510 Pounds; 5890 Pounds; 5950 Pounds; 4860 Pounds; 200 Pounds; 100 Pounds; 50 Pounds; 390 Pounds; 1030 Pounds; 150 Pounds; 100 Pounds; 2770 Pounds; 150 Pounds; 50 Pounds; 5 Pounds; 40 Pounds; 2180 Pounds; 200 Pounds; 120 Pounds; 4040 Pounds; 600 Pounds; 50 Pounds; 250 Pounds; 250 Pounds; 200 Pounds; 10 Pounds; 50 Pounds; 15 Pounds; 6 Pounds; 5 Pounds; 200 Pounds; 770 Pounds; 90 Pounds; 270 Pounds; 200 Pounds; 100 Pounds; 150 Pounds; 50 Pounds; 100 Pounds; 22 Pounds; 50 Pounds; 25 Pounds; 50 Pounds; 2 Pounds; 20 Pounds; 10 Pounds; 250 Pounds; 630 Pounds; 2890 Pounds; 210 Pounds; 280 Pounds; 1500 Pounds; 800 Pounds; 400 Pounds; 20 Pounds; 350 Pounds; 750 Pounds; 100 Pounds; 300 Pounds; 20 Pounds; 26 Pounds; 15 Pounds; 50 Pounds; 450 Pounds; 950 Pounds; 780 Pounds; 1860 Pounds; 630 Pounds; 8400 Pounds; 420 Pounds; 5070 Pounds; 4280 Pounds; 3280 Pounds; 450 Pounds; 950 Pounds; 200 Pounds; 6250 Pounds; 4730 Pounds; 4900 Pounds; 4380 Pounds; 2600 Pounds; 1150 Pounds; 300 Pounds; 2 Pounds; 20 Pounds; 6950 Pounds; 150 Pounds; 50 Pounds; 20 Pounds; 650 Pounds; 850 Pounds; 550 Pounds; 900 Pounds; 4570 Pounds; 80 Pounds; 6975 Pounds; 1560 Pounds; 720 Pounds; 75 Pounds; 100 Pounds; 120 Pounds; 50 Pounds; 50 Pounds; 15 Pounds; 150 Pounds; 3190 Pounds; 100 Pounds; 10 Pounds; 760 Pounds; 10 Pounds; 50 Pounds; 120 Pounds; 2150 Pounds; 4740 Pounds; 2560 Pounds; 1520 Pounds; 1500 Pounds; 10 Pounds; 100 Pounds; 200 Pounds; 650 Pounds; 100 Pounds; 1190 Pounds; 20 Pounds; 20 Pounds

1983: 10 Pounds; 50 Pounds; 680 Pounds; 400 Pounds; 2 Pounds; 30 Pounds; 300 Pounds; 860 Pounds; 1150 Pounds; 450 Pounds; 1430 Pounds; 250 Pounds; 150 Pounds; 50 Pounds; 100 Pounds; 800 Pounds; 800 Pounds; 150 Pounds; 50 Pounds; 850 Pounds; 100 Pounds; 1000 Pounds; 1150 Pounds; 250 Pounds; 200 Pounds; 2100 Pounds; 3 Pounds; 1650 Pounds; 2000 Pounds; 2 Pounds; 700 Pounds; 940 Pounds; 850 Pounds; 1290 Pounds; 1450 Pounds; 30 Pounds; 150 Pounds; 50 Pounds; 50 Pounds; 1500 Pounds; 40 Pounds; 10 Pounds; 850 Pounds; 1 Pounds; 100 Pounds; 100 Pounds; 30 Pounds; 950 Pounds; 150 Pounds; 100 Pounds; 10 Pounds; 200 Pounds; 450 Pounds; 6250 Pounds; 1080 Pounds; 50 Pounds; 200 Pounds; 550 Pounds; 1500 Pounds; 30 Pounds; 40 Pounds; 100 Pounds; 330 Pounds; 20 Pounds; 8 Pounds; 800 Pounds; 840 Pounds; 1750 Pounds; 2050 Pounds; 100 Pounds; 2050 Pounds; 2260 Pounds; 250 Pounds; 400 Pounds; 1950 Pounds; 2020 Pounds; 750 Pounds; 100 Pounds; 1890 Pounds; 4840 Pounds; 600 Pounds; 700 Pounds; 400 Pounds; 250 Pounds; 350 Pounds; 200 Pounds; 1730 Pounds; 1450 Pounds; 1090 Pounds; 150 Pounds; 30 Pounds; 5 Pounds; 10 Pounds; 600 Pounds; 850 Pounds; 850 Pounds; 680 Pounds; 100 Pounds; 1120 Pounds; 190 Pounds; 430 Pounds; 650 Pounds; 4800 Pounds; 1200 Pounds; 1040 Pounds; 50 Pounds; 1690 Pounds; 1280 Pounds; 650 Pounds; 800 Pounds; 55 Gallons; 1330 Pounds; 770 Pounds; 100 Pounds; 2070 Pounds; 3600 Pounds; 600 Pounds; 200 Pounds; 1100 Pounds; 2020 Pounds; 2570 Pounds; 750 Pounds; 100 Pounds; 50 Pounds; 850 Pounds; 1200 Pounds; 150 Pounds; 30 Pounds; 200 Pounds; 1380 Pounds; 40 Pounds; 550 Pounds; 7690 Pounds; 1050 Pounds; 250 Pounds; 250 Pounds; 400 Pounds; 430 Pounds; 20 Pounds; 1670 Pounds; 600 Pounds; 600 Pounds; 1010 Pounds; 25 Pounds; 40 Pounds; 50 Pounds; 120 Pounds; 750 Pounds; 200 Pounds; 600 Pounds; 80 Pounds; 600 Pounds; 5640 Pounds; 100 Pounds; 80 Pounds; 3 Pounds; 150 Pounds; 40 Pounds; 10 Pounds; 20 Pounds; 150 Pounds; 60 Pounds; 80 Pounds; 80 Pounds; 50 Pounds; 100 Pounds; 5 Pounds; 350 Pounds; 250 Pounds; 40 Pounds; 100 Pounds; 400 Pounds; 5 Pounds; 80 Pounds; 2700 Pounds; 800 Pounds; 2750 Pounds; 3200 Pounds; 40 Pounds; 5370 Pounds; 150 Pounds; 150 Pounds; 5 Pounds; 126 Pounds; 1000 Pounds; 150 Pounds; 2350 Pounds; 280 Pounds; 600 Pounds; 275 Pounds; 2820 Pounds; 2060 Pounds; 3160 Pounds; 2470 Pounds; 600 Pounds; 700 Pounds; 150 Pounds; 400 Pounds; 50 Pounds; 75 Pounds; 200 Pounds; 40 Pounds; 150 Pounds; 150 Pounds; 200 Pounds; 80 Pounds; 12 Pounds; 5 Pounds; 2720 Pounds; 1800 Pounds; 150 Pounds; 10 Pounds; 10 Pounds; 10 Pounds; 5 Pounds; 50 Pounds; 100 Pounds; 10 Pounds; 40 Pounds; 50 Pounds; 2 Pounds; 5 Pounds; 1 Pounds; 50 Pounds; 50 Pounds; 800 Pounds; 1000 Pounds; 720 Pounds; 1450 Pounds; 1200 Pounds; 1500 Pounds; 20 Pounds; 5 Pounds; 50 Pounds; 50 Pounds; 780 Pounds; 1280 Pounds; 1080 Pounds; 650 Pounds; 5 Pounds; 40 Pounds; 50 Pounds; 25 Pounds; 20 Pounds; 50 Pounds; 480 Pounds; 240 Pounds; 20 Pounds; 400 Pounds; 50 Pounds; 30 Pounds; 50 Pounds; 900 Pounds; 600 Pounds; 450 Pounds; 3600 Pounds; 100 Pounds; 450 Pounds; 760 Pounds; 200 Pounds; 90 Pounds; 50 Pounds; 15 Pounds; 50 Pounds; 20 Pounds; 15 Pounds; 5 Pounds; 50 Pounds; 10 Pounds; 15 Pounds; 16 Pounds; 65 Pounds; 100 Pounds; 100 Pounds; 54 Pounds; 6 Pounds; 2 Pounds; 50 Pounds; 5 Pounds; 5 Pounds; 150 Pounds; 20 Pounds

1984: 1720 Pounds; 11 Pounds; 1500 Pounds; 2400 Pounds; 390 Pounds; 900 Pounds; 200 Pounds; 1650 Pounds; 1125 Pounds; 1800 Pounds; 480 Pounds; 2800 Pounds; 2820 Pounds; 2400 Pounds; 2 Pounds; 3250 Pounds; 640 Pounds; 450 Pounds; 440 Pounds; 800 Pounds; 50 Pounds; 80 Pounds; 650 Pounds; 2800 Pounds; 400 Pounds; 7750 Pounds; 120 Pounds; 1200 Pounds; 1625 Pounds; 40 Pounds; 1 Pounds; 400 Pounds; 2770 Pounds; 520 Pounds; 320 Pounds; 750 Pounds; 360 Pounds; 40 Pounds; 1050 Pounds; 960 Pounds; 640 Pounds; 3400 Pounds; 1800 Pounds; 80 Pounds; 360 Pounds; 640 Pounds; 1200 Pounds; 360 Pounds; 760 Pounds; 1440 Pounds; 1640 Pounds; 3840 Pounds; 1120 Pounds; 8 Pounds; 100 Pounds; 1640 Pounds; 320 Pounds; 120 Pounds; 355 Pounds; 4200 Pounds; 3280 Pounds; 1840 Pounds; 1225 Pounds; 1150 Pounds; 2080 Pounds;

850 Pounds; 280 Pounds; 3600 Pounds; 2150 Pounds; 750 Pounds; 400 Pounds; 80 Pounds; 400 Pounds; 1500 Pounds; 20 Pounds; 100 Pounds; 80 Pounds; 320 Pounds; 6000 Pounds; 1810 Pounds; 880 Pounds; 940 Pounds; 760 Pounds; 2600 Pounds; 1 Pounds; 800 Pounds; 2320 Pounds; 600 Pounds; 100 Pounds; 150 Pounds; 60 Pounds; 900 Pounds; 690 Pounds; 1600 Pounds; 1150 Pounds; 900 Pounds; 50 Pounds; 7 Pounds; 55 Gallons; 1170 Pounds; 720 Pounds; 1320 Pounds; 5000 Pounds; 350 Pounds; 5 Pounds; 520 Pounds; 360 Pounds; 300 Pounds; 240 Pounds; 400 Pounds; 720 Pounds; 400 Pounds; 1000 Pounds; 5337 Pounds; 3 Pounds; 200 Pounds; 400 Pounds; 800 Pounds; 2350 Pounds; 4850 Pounds; 80 Pounds; 1990 Pounds; 110 Gallons; 320 Pounds; 1600 Pounds; 2200 Pounds; 2280 Pounds; 3750 Pounds; 2640 Pounds; 3360 Pounds; 1000 Pounds; 1680 Pounds; 1565 Pounds; 1360 Pounds; 1440 Pounds; 250 Pounds; 3890 Pounds; 840 Pounds; 100 Pounds; 4200 Pounds; 1700 Pounds; 600 Pounds; 400 Pounds; 150 Pounds; 240 Pounds; 1500 Pounds; 720 Pounds; 1960 Pounds; 200 Pounds; 920 Pounds; 730 Pounds; 600 Pounds; 320 Pounds; 250 Pounds; 40 Pounds; 1500 Pounds; 40 Pounds; 3080 Pounds; 4389 Pounds; 720 Pounds; 40 Pounds; 3000 Pounds; 2880 Pounds; 800 Pounds; 1440 Pounds; 800 Pounds; 440 Pounds; 2250 Pounds; 320 Pounds; 200 Pounds; 40 Pounds; 320 Pounds; 940 Pounds; 280 Pounds; 480 Pounds; 720 Pounds; 30 Pounds; 2390 Pounds; 3150 Pounds; 8 Pounds; 2730 Pounds; 1900 Pounds; 1300 Pounds; 900 Pounds; 200 Pounds; 610 Pounds; 300 Pounds; 1940 Pounds; 40 Pounds; 320 Pounds; 800 Pounds; 1960 Pounds; 160 Pounds; 1500 Pounds; 30 Pounds; 2000 Pounds; 200 Pounds; 600 Pounds; 1600 Pounds; 360 Pounds; 2680 Pounds; 160 Pounds; 40 Pounds; 680 Pounds; 40 Pounds; 1380 Pounds; 3463 Pounds; 2400 Pounds; 1000 Pounds; 1840 Pounds; 40 Pounds; 1800 Pounds; 200 Pounds; 1820 Pounds; 2080 Pounds; 2280 Pounds; 1 Pounds; 1600 Pounds; 20 Pounds; 300 Pounds; 800 Pounds; 280 Pounds; 560 Pounds; 1000 Pounds; 840 Pounds; 165 Gallons; 30 Pounds; 320 Pounds; 3680 Pounds; 900 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 2400 Pounds

1985: 120 Pounds; 40 Pounds; 150 Pounds; 3450 Pounds; 500 Pounds; 800 Pounds; 400 Pounds; 800 Pounds; 200 Pounds; 829 Pounds; 80 Pounds; 40 Pounds; 1200 Pounds; 350 Pounds; 400 Pounds; 3200 Pounds; 680 Pounds; 1760 Pounds; 520 Pounds; 2400 Pounds; 1200 Pounds; 30 Pounds; 165 Gallons; 100 Pounds; 40 Pounds; 40 Pounds; 1460 Pounds; 50 Pounds; 15 Pounds; 55 Gallons; 10 Gallons; 1440 Pounds; 400 Pounds; 5 Pounds; 1300 Pounds; 5250 Pounds; 10 Pounds; 80 Pounds; 50 Pounds; 1640 Pounds; 100 Pounds; 520 Pounds; 3600 Pounds; 50 Pounds; 10 Pounds; 40 Pounds; 25 Pounds; 360 Pounds; 300 Pounds; 9000 Pounds; 200 Pounds; 650 Pounds; 400 Pounds; 200 Pounds; 1200 Pounds; 800 Pounds; 500 Pounds; 20 Pounds; 10 Pounds; 3050 Pounds; 550 Pounds; 75 Pounds; 500 Pounds; 20 Pounds; 3240 Pounds; 320 Pounds; 1640 Pounds; 10 Pounds; 80 Pounds; 800 Pounds; 450 Pounds; 65 Pounds; 1200 Pounds; 3100 Pounds; 1600 Pounds; 50 Pounds; 2450 Pounds; 400 Pounds; 3500 Pounds; 6 Pounds; 350 Pounds; 600 Pounds; 80 Pounds; 1 Pounds; 1200 Pounds; 400 Pounds; 560 Pounds; 250 Pounds; 40 Pounds; 1260 Pounds; 600 Pounds; 20 Pounds; 2100 Pounds; 35 Pounds; 1320 Pounds; 1080 Pounds; 4150 Pounds; 250 Pounds; 1400 Pounds; 250 Pounds; 1840 Pounds; 160 Pounds; 60 Pounds; 24 Pounds; 50 Pounds; 1200 Pounds; 450 Pounds; 1650 Pounds; 800 Pounds; 150 Pounds; 20 Pounds; 80 Pounds; 60 Pounds; 500 Pounds; 20 Pounds; 1320 Pounds; 25 Pounds; 960 Pounds; 1000 Pounds; 640 Pounds; 400 Pounds; 120 Pounds; 2480 Pounds; 800 Pounds; 900 Pounds; 200 Pounds; 25 Pounds; 400 Pounds; 25 Pounds; 45 Pounds; 440 Pounds; 20 Pounds; 1120 Pounds; 2600 Pounds; 320 Pounds; 2700 Pounds; 200 Pounds; 400 Pounds; 1800 Pounds; 150 Pounds; 50 Pounds; 40 Pounds; 3 Pounds; 50 Pounds; 300 Pounds; 100 Pounds; 5 Pounds; 300 Pounds; 200 Pounds; 1320 Pounds; 920 Pounds; 150 Pounds; 100 Pounds; 120 Pounds; 150 Pounds; 1200 Pounds; 400 Pounds; 5400 Pounds; 80 Pounds; 800 Pounds; 400 Pounds; 100 Pounds; 5490 Pounds; 1000 Pounds; 2100 Pounds; 600 Pounds; 120 Pounds; 80 Pounds; 520 Pounds; 75 Pounds; 10 Pounds; 450 Pounds; 1150 Pounds; 50 Pounds; 1500 Pounds; 80 Pounds; 100 Pounds; 15 Pounds; 360 Pounds; 300 Pounds; 450 Pounds; 160 Pounds; 30 Pounds; 40 Pounds; 1440 Pounds; 2000 Pounds; 15 Pounds; 3350 Pounds; 4700 Pounds; 500 Pounds; 55 Gallons; 400 Pounds; 350 Pounds; 950 Pounds; 2700 Pounds; 600 Pounds; 9600 Pounds; 1400 Pounds; 600 Pounds; 1120 Pounds; 100 Pounds; 50 Pounds; 1200 Pounds; 40 Pounds; 40 Pounds; 800 Pounds; 900 Pounds; 650 Pounds; 150 Pounds; 550 Pounds; 800 Pounds; 700 Pounds; 1200 Pounds; 520 Pounds; 1480 Pounds; 50 Pounds; 120 Pounds; 100 Pounds; 40 Pounds; 50 Pounds; 20 Pounds; 30 Pounds; 100 Pounds; 720 Pounds; 40 Pounds; 600 Pounds; 20 Pounds; 200 Pounds; 950 Pounds; 960 Pounds; 1200 Pounds; 20 Pounds; 200 Pounds; 2750 Pounds; 160 Pounds; 50 Pounds; 43925 Pounds; 3400 Pounds; 1500 Pounds; 80 Pounds; 40 Pounds; 1400 Pounds; 4350 Pounds; 480 Pounds; 500 Pounds; 1140 Pounds; 160 Pounds; 1750 Pounds; 160 Pounds; 40 Pounds; 720 Pounds; 3600 Pounds; 5 Pounds; 560 Pounds; 4300 Pounds; 520 Pounds; 560 Pounds; 45 Pounds; 30 Pounds; 1320 Pounds; 400 Pounds; 5 Pounds; 15 Pounds; 1200 Pounds; 1640 Pounds; 80 Pounds; 100 Pounds; 100 Pounds; 50 Pounds; 840 Pounds; 120 Pounds; 1 Pounds; 305 Pounds; 80 Pounds; 150 Pounds; 700 Pounds; 50 Pounds; 4 Pounds; 680 Pounds; 250 Pounds; 2000 Pounds; 1 Pounds; 40 Pounds; 240 Pounds; 160 Pounds; 80 Pounds; 210 Pounds; 60 Pounds; 1 Pounds; 3 Pounds; 400 Pounds; 100 Pounds; 600 Pounds; 10 Pounds; 5 Pounds; 200 Pounds; 200 Pounds; 1 Pounds; 50 Pounds; 30 Pounds; 75 Pounds; 1160 Pounds; 200 Pounds; 100 Pounds; 100 Pounds; 600 Pounds; 10 Pounds; 1 Pounds; 30 Pounds; 3 Pounds; 5 Pounds; 30 Pounds; 920 Pounds; 80 Pounds; 160 Pounds; 800 Pounds; 50 Pounds; 400 Pounds; 150 Pounds; 2900 Pounds; 40 Pounds; 50 Pounds; 100 Pounds; 440 Pounds; 1080 Pounds; 1160 Pounds; 520 Pounds; 30 Pounds; 150 Pounds; 1 Pounds; 25 Pounds; 40 Pounds; 25 Pounds; 2 Pounds; 100 Pounds; 40 Pounds; 200 Pounds; 10 Pounds; 40 Pounds; 5 Pounds; 30 Pounds; 50 Pounds; 15 Pounds; 40 Pounds; 20 Pounds; 10 Pounds; 40 Pounds; 400 Pounds; 200 Pounds; 120 Pounds; 30 Pounds; 200 Pounds; 150 Pounds; 15 Pounds; 1050 Pounds; 150 Pounds; 5 Pounds; 2 Pounds; 10 Pounds; 1800 Pounds; 1 Pounds; 80 Pounds; 5 Pounds; 20 Pounds; 10 Pounds; 30 Pounds; 40 Pounds; 100 Pounds; 5 Pounds; 50 Pounds; 200 Pounds; 55 Pounds; 120 Pounds; 40 Pounds; 80 Pounds; 360 Pounds; 400 Pounds; 25 Pounds; 280 Pounds; 200 Pounds; 10 Pounds; 300 Pounds; 80 Pounds; 10 Pounds; 180 Pounds; 200 Pounds; 50 Pounds; 380 Pounds; 400 Pounds; 40 Pounds; 1 Pounds; 800 Pounds; 3360 Pounds

1986: 720 Pounds; 225 Pounds; 480 Pounds; 42 Pounds; 200 Pounds; 200 Pounds; 1200 Pounds; 10 Pounds; 400 Pounds; 400 Pounds; 40 Pounds; 400 Pounds; 2790 Pounds; 50 Pounds; 1200 Pounds; 720 Pounds; 800 Pounds; 900 Pounds; 1200 Pounds; 25 Pounds; 700 Pounds; 600 Pounds; 1200 Pounds; 200 Pounds; 400 Pounds; 40 Pounds; 1200 Pounds; 100 Pounds; 25 Pounds; 4000 Pounds; 680 Pounds; 300 Pounds; 840 Pounds; 400 Pounds; 400 Pounds; 1200 Pounds; 8 Pounds; 880 Pounds; 120 Pounds; 1 Pounds; 200 Pounds; 800 Pounds; 2310 Pounds; 440 Pounds; 270 Pounds; 800 Pounds; 330 Pounds; 480 Pounds; 760 Pounds; 120 Pounds; 400 Pounds; 40 Pounds; 3 Pounds; 400 Pounds; 30 Pounds; 240 Pounds; 3200 Pounds; 5 Pounds; 800 Pounds; 2240 Pounds; 1200 Pounds; 1200 Pounds; 1082 Pounds; 150 Pounds; 1000 Pounds; 1200 Pounds; 1600 Pounds; 18600 Pounds; 2200 Pounds; 400 Pounds; 160 Pounds; 11 Pounds; 920 Pounds; 1000 Pounds; 400 Pounds; 240 Pounds; 2000 Pounds; 3150 Pounds; 120 Pounds; 630 Pounds; 360 Pounds; 450 Pounds; 720 Pounds; 1280 Pounds; 80 Pounds; 400 Pounds; 400 Pounds; 280 Pounds; 900 Pounds; 2400 Pounds; 400 Pounds; 5 Pounds; 200 Pounds; 4700 Pounds; 1000 Pounds; 1100 Pounds; 150 Pounds; 200 Pounds; 700 Pounds; 400 Pounds; 900 Pounds; 300 Pounds; 40 Pounds; 1200 Pounds; 1600 Pounds; 300 Pounds; 400 Pounds; 480 Pounds; 800 Pounds; 2560 Pounds; 3600 Pounds; 80 Pounds; 80 Pounds; 1200 Pounds; 1200 Pounds; 385 Gallons; 400 Pounds; 2000 Pounds; 630 Pounds; 8500 Pounds; 4400 Pounds; 2800 Pounds; 450 Pounds; 240 Pounds; 2000 Pounds; 903 Pounds; 1200 Pounds; 2500 Pounds; 300 Pounds; 2600 Pounds; 400 Pounds; 80 Pounds; 4800 Pounds; 8400 Pounds; 80 Pounds; 120 Pounds; 1000 Pounds; 15 Pounds; 120 Pounds; 1200 Pounds; 1650 Pounds; 3600 Pounds; 1000 Pounds; 150 Pounds; 640 Pounds; 2040 Pounds; 1040 Pounds; 120 Pounds; 320 Pounds; 120 Pounds; 8400 Pounds; 90 Pounds; 20 Pounds; 150 Pounds; 1000 Pounds; 1050 Pounds; 1020 Pounds; 800 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 1500 Pounds; 280 Pounds; 40 Pounds; 680 Pounds; 960 Pounds; 2960 Pounds; 50 Pounds; 1600 Pounds; 250 Pounds; 1200 Pounds; 3600 Pounds; 150 Pounds; 100 Pounds; 350 Pounds; 800 Pounds; 680 Pounds; 1200 Pounds; 80 Pounds; 280 Pounds; 160 Pounds; 800 Pounds; 120 Pounds; 1200 Pounds; 840 Pounds; 720 Pounds; 90 Pounds; 10650 Pounds; 800 Pounds; 540 Pounds; 690 Pounds; 640 Pounds; 280 Pounds; 800 Pounds; 200 Pounds; 600 Pounds; 150 Pounds; 2500 Pounds; 840 Pounds; 800 Pounds; 440 Pounds; 800 Pounds; 1200 Pounds; 400 Pounds; 600 Pounds; 1000 Pounds; 3200 Pounds; 450 Pounds; 800 Pounds; 2720 Pounds; 680 Pounds; 560 Pounds; 570 Pounds; 250 Pounds; 60 Pounds; 400 Pounds; 750 Pounds; 360 Pounds; 1020 Pounds; 1080 Pounds; 240 Pounds; 240

Pounds; 200 Pounds; 320 Pounds; 880 Pounds; 2800 Pounds; 930 Pounds; 400 Pounds; 1000 Pounds; 1360 Pounds; 800 Pounds; 1200 Pounds; 600 Pounds; 1 Pounds; 810 Pounds; 3360 Pounds; 2000 Pounds; 1857 Pounds; 640 Pounds; 1640 Pounds; 30 Pounds; 480 Pounds; 1200 Pounds; 6000 Pounds; 1200 Pounds; 520 Pounds; 1080 Pounds; 800 Pounds; 20 Pounds; 1350 Pounds; 450 Pounds; 1600 Pounds; 80 Pounds; 1850 Pounds; 800 Pounds; 2120 Pounds; 560 Pounds; 400 Pounds; 100 Pounds; 800 Pounds; 400 Pounds; 1080 Pounds; 400 Pounds; 400 Pounds; 80 Pounds; 40 Pounds; 2400 Pounds; 640 Pounds; 2280 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 390 Pounds; 240 Pounds; 240 Pounds; 200 Pounds; 400 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 40 Pounds; 3960 Pounds; 570 Pounds; 200 Pounds; 1360 Pounds; 5400 Pounds; 480 Pounds; 200 Pounds; 120 Pounds; 840 Pounds; 60 Pounds; 400 Pounds; 400 Pounds; 1830 Pounds; 1480 Pounds; 870 Pounds; 120 Pounds; 40 Pounds; 1000 Pounds; 800 Pounds; 400 Pounds; 840 Pounds; 2400 Pounds; 540 Pounds; 1200 Pounds; 2720 Pounds; 1600 Pounds; 900 Pounds; 800 Pounds; 880 Pounds; 1200 Pounds; 2000 Pounds; 34 Pounds; 840 Pounds; 320 Pounds; 1320 Pounds; 10 Pounds; 1200 Pounds; 27 Pounds; 40 Pounds; 320 Pounds; 82 Pounds; 440 Pounds; 3500 Pounds; 560 Pounds; 400 Pounds; 150 Pounds; 500 Pounds; 480 Pounds; 2000 Pounds; 400 Pounds; 700 Pounds; 120 Pounds; 2400 Pounds; 720 Pounds; 800 Pounds; 400 Pounds; 150 Pounds; 920 Pounds; 1200 Pounds; 1600 Pounds; 400 Pounds; 2400 Pounds; 450 Pounds; 2 Cubic yards; 800 Pounds; 14 Pounds; 15500 Pounds; 2600 Pounds; 450 Pounds; 5200 Pounds; 3250 Pounds; 250 Pounds; 1100 Pounds; 200 Pounds; 30 Pounds; 2765 Pounds; 40 Pounds; 400 Pounds; 100 Pounds; 30 Pounds; 400 Pounds; 400 Pounds; 80 Pounds; 15 Pounds; 165 Pounds; 80 Pounds; 20 Pounds; 240 Pounds; 60 Pounds; 40 Pounds; 1 Pounds; 5 Pounds; 60 Pounds; 800 Pounds; 840 Pounds; 100 Pounds; 95 Pounds; 75 Pounds; 30 Pounds; 600 Pounds; 2740 Pounds; 60 Pounds; 2100 Pounds; 120 Pounds; 560 Pounds; 50 Pounds; 800 Pounds; 755 Pounds; 240 Pounds; 1600 Pounds; 500 Pounds; 160 Pounds; 18 Pounds; 1040 Pounds; 80 Pounds; 3075 Pounds; 280 Pounds; 2520 Pounds; 1200 Pounds; 800 Pounds; 5 Pounds; 800 Pounds; 9800 Pounds; 400 Pounds; 200 Pounds; 2600 Pounds; 40 Pounds; 6000 Pounds; 240 Pounds; 2000 Pounds; 1600 Pounds; 2800 Pounds; 3040 Pounds; 80 Pounds; 150 Pounds; 120 Pounds; 400 Pounds; 1100 Pounds; 120 Pounds; 270 Pounds; 1050 Pounds; 40 Pounds; 460 Pounds; 40 Pounds; 600 Pounds; 160 Pounds; 840 Pounds; 160 Pounds; 150 Pounds; 120 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 30 Pounds; 560 Pounds; 200 Pounds; 5 Pounds; 3 Pounds; 5 Pounds; 80 Pounds; 80 Pounds; 80 Pounds; 80 Pounds; 450 Pounds; 450 Pounds; 40 Pounds; 40 Pounds; 300 Pounds; 100 Pounds; 560 Pounds; 900 Pounds; 15 Pounds; 200 Pounds; 240 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 5 Pounds; 10 Pounds; 5 Pounds; 80 Pounds; 1200 Pounds; 210 Pounds; 840 Pounds; 40 Pounds; 10 Pounds; 1000 Pounds; 120 Pounds; 5 Pounds; 40 Pounds; 10 Pounds; 60 Pounds; 25 Pounds; 20 Pounds; 467 Pounds; 1000 Pounds; 120 Pounds; 80 Pounds; 30 Pounds; 20 Pounds; 810 Pounds; 100 Pounds; 1710 Pounds; 600 Pounds; 320 Pounds; 150 Pounds; 20 Pounds; 760 Pounds; 1 Pounds; 440 Pounds; 200 Pounds; 30 Pounds; 80 Pounds; 25 Pounds; 800 Pounds; 500 Pounds; 5 Pounds; 900 Pounds; 182 Pounds; 40 Pounds; 800 Pounds; 15 Pounds; 40 Pounds; 40 Pounds; 160 Pounds; 210 Pounds; 120 Pounds; 360 Pounds; 100 Pounds; 1600 Pounds; 250 Pounds; 1160 Pounds; 150 Pounds; 30 Pounds; 600 Pounds; 5 Pounds; 50 Pounds; 200 Pounds; 800 Pounds; 13 Pounds; 80 Pounds; 200 Pounds; 25 Pounds; 500 Pounds; 30 Pounds; 1120 Pounds; 80 Pounds; 120 Pounds; 10 Pounds; 160 Pounds; 2600 Pounds; 400 Pounds; 25 Pounds; 10 Pounds; 840 Pounds; 20 Pounds; 120 Pounds; 5 Pounds; 2440 Pounds; 20 Pounds; 30 Pounds; 1320 Pounds; 640 Pounds; 480 Pounds; 560 Pounds; 320 Pounds; 80 Pounds; 40 Pounds; 150 Pounds; 50 Pounds; 225 Pounds; 70 Pounds; 1 Pounds; 160 Pounds; 15 Pounds; 1 Pounds; 80 Pounds; 40 Pounds; 2 Pounds; 720 Pounds; 2 Pounds; 20 Pounds; 150 Pounds; 200 Pounds; 5 Pounds; 1 Pounds; 60 Pounds; 100 Pounds; 5 Pounds; 30 Pounds; 5 Pounds; 750 Pounds; 80 Pounds; 40 Pounds; 440 Pounds; 80 Pounds; 250 Pounds; 100 Pounds; 20 Pounds; 440 Gallons; 80 Pounds; 160 Pounds; 150 Pounds; 20 Pounds; 900 Pounds; 30 Pounds; 660 Pounds; 150 Pounds; 320 Pounds; 200 Pounds; 300 Pounds; 500 Pounds; 15 Pounds; 2100 Pounds; 760 Pounds; 30 Pounds; 20 Pounds; 400 Pounds; 40 Pounds; 40 Pounds; 2520 Pounds; 200 Pounds; 60 Pounds; 60 Pounds; 280 Pounds; 1 Pounds; 40 Pounds; 300 Pounds; 60 Pounds; 60 Pounds; 20 Pounds; 240 Pounds; 2000 Pounds; 5 Pounds; 280 Pounds; 5 Pounds; 600 Pounds; 40 Pounds; 10 Pounds; 40 Pounds; 600 Pounds; 40 Pounds; 2 Pounds; 378 Pounds; 60 Pounds; 150 Pounds; 1 Pounds; 8 Pounds; 120 Pounds; 10 Pounds; 100 Pounds; 10 Pounds; 120 Pounds; 40 Pounds; 1 Pounds; 300 Pounds; 220 Pounds; 80 Pounds; 300 Pounds; 60 Pounds; 80 Pounds; 500 Pounds; 80 Pounds; 960 Pounds; 800 Pounds; 30 Pounds; 5 Pounds; 80 Pounds; 3200 Pounds; 10 Pounds; 1 Pounds; 5 Pounds; 160 Pounds; 360 Pounds; 200 Pounds; 500 Pounds; 5 Pounds; 40 Pounds; 1000 Pounds; 3400 Pounds; 120 Pounds; 640 Pounds; 30 Pounds; 55 Pounds; 40 Pounds; 40 Pounds; 7 Pounds; 30 Pounds; 1080 Pounds; 60 Pounds; 5 Pounds; 150 Pounds; 80 Pounds; 225 Pounds; 80 Pounds; 5 Pounds; 435 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 25 Pounds; 6 Pounds; 400 Pounds; 65 Pounds; 300 Pounds; 11 Pounds; 5 Pounds; 3 Pounds; 250 Pounds; 5 Pounds; 400 Pounds; 10 Pounds; 5 Pounds; 303 Pounds; 1 Pounds; 800 Pounds; 51 Pounds; 200 Pounds; 5 Pounds; 200 Pounds; 120 Pounds; 70 Pounds; 160 Pounds; 30 Pounds; 25 Pounds; 880 Pounds; 1 Pounds; 450 Pounds; 30 Pounds; 4 Pounds; 3 Pounds; 15 Pounds; 80 Pounds; 5 Pounds; 1 Pounds; 400 Pounds; 150 Pounds; 120 Pounds; 75 Pounds; 240 Pounds; 60 Pounds; 30 Pounds; 30 Pounds; 15 Pounds; 80 Pounds; 80 Pounds; 1 Pounds; 3 Pounds; 750 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 800 Pounds; 30 Pounds; 10 Pounds; 450 Pounds; 2 Pounds; 1100 Pounds; 180 Pounds; 20 Pounds; 40 Pounds; 1 Pounds; 10 Pounds; 675 Pounds; 5 Pounds; 400 Pounds; 1 Pounds; 2 Pounds; 10 Pounds; 100 Pounds; 400 Pounds; 5 Pounds; 120 Pounds; 5 Pounds; 10 Pounds; 50 Pounds; 5 Pounds; 100 Pounds; 18 Pounds; 18 Pounds; 800 Pounds; 5 Pounds; 15 Pounds; 6 Pounds; 5 Pounds; 205 Pounds; 100 Pounds; 3 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 30 Pounds; 1 Pounds; 25 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 5 Pounds; 2 Pounds; 10 Pounds; 1 Pounds; 30 Pounds; 400 Pounds; 20 Pounds; 40 Pounds; 160 Pounds; 1 Pounds; 200 Pounds; 50 Pounds; 250 Pounds; 5 Pounds; 5 Pounds; 1 Pounds; 15 Pounds; 1 Pounds; 10 Pounds; 5 Pounds; 20 Pounds; 120 Pounds; 3 Pounds; 450 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 400 Pounds; 40 Pounds; 185 Pounds; 400 Pounds; 1 Pounds; 5 Pounds; 15 Pounds; 500 Pounds; 100 Pounds; 1200 Pounds; 900 Pounds; 40 Pounds; 60 Pounds; 600 Pounds; 50 Gallons; 12000 Pounds; 1000 Pounds; 480 Pounds; 10 Pounds; 120 Pounds; 5 Pounds; 200 Pounds; 1600 Pounds; 30 Pounds; 3770 Pounds; 400 Pounds; 520 Pounds; 15 Pounds; 4000 Pounds; 800 Pounds; 80 Pounds; 15 Pounds; 300 Pounds; 2000 Pounds; 1 Pounds; 800 Pounds; 82 Pounds; 7 Pounds; 1 Pounds; 10 Pounds; 640 Pounds; 40 Pounds; 440 Pounds; 1040 Pounds; 2460 Pounds; 5 Pounds; 700 Pounds; 1200 Pounds; 40 Pounds; 480 Pounds; 1000 Pounds; 320 Pounds; 1600 Pounds; 420 Pounds; 5 Pounds; 40 Pounds; 275 Gallons; 16 Pounds; 1000 Pounds; 2800 Pounds; 10 Pounds; 40 Pounds; 100 Pounds; 400 Pounds; 450 Pounds; 25 Pounds; 2000 Pounds; 400 Pounds; 20 Pounds; 800 Pounds; 480 Pounds; 1200 Pounds; 100 Pounds; 1620 Pounds; 200 Pounds; 400 Pounds; 31720 Pounds; 3600 Pounds; 400 Pounds; 400 Pounds; 2800 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 40 Pounds; 720 Pounds; 40 Pounds; 320 Pounds; 3600 Pounds; 15 Pounds; 40 Pounds; 20 Pounds; 6800 Pounds; 350 Pounds; 50 Pounds; 800 Pounds; 200 Pounds; 160 Pounds; 60 Pounds; 1 Pounds; 2800 Pounds; 360 Pounds; 240 Pounds; 1600 Pounds; 900 Pounds; 40 Pounds; 100 Pounds; 180 Pounds; 30 Pounds; 800 Pounds; 240 Pounds; 160 Pounds; 420 Pounds; 600 Pounds; 840 Pounds; 2290 Pounds; 350 Pounds; 10 Pounds; 390 Pounds; 180 Pounds; 400 Pounds; 300 Pounds; 1080 Pounds; 40 Pounds; 420 Pounds; 2250 Pounds; 1770 Pounds; 600 Pounds; 1600 Pounds; 120 Pounds; 658 Pounds; 4500 Pounds; 1 Pounds; 800 Pounds; 80 Pounds; 1200 Pounds; 30 Pounds; 200 Pounds; 200 Pounds; 600 Pounds; 160 Pounds; 180 Pounds; 210 Pounds; 1200 Pounds; 560 Pounds; 40 Pounds; 225 Pounds; 510 Pounds; 40 Pounds; 40 Pounds; 4 Pounds; 1200 Pounds; 4800 Pounds; 1200 Pounds; 20 Pounds; 125 Pounds; 320 Pounds; 3200 Pounds; 1170 Pounds; 330 Pounds; 2 Pounds; 80 Pounds; 120 Pounds; 500 Pounds; 2060 Pounds; 200 Pounds; 400 Pounds; 1000 Pounds; 10 Pounds; 40 Pounds; 7400 Pounds; 1 Pounds; 80 Pounds; 10 Pounds; 2 Pounds; 150 Pounds; 200 Pounds; 180 Pounds; 60 Pounds; 120 Pounds; 2 Pounds; 2 Pounds; 150 Pounds; 8400 Pounds; 1479 Pounds; 1350 Pounds; 570 Pounds; 450 Pounds; 1920 Pounds; 4 Pounds; 40 Pounds; 3 Pounds; 120 Pounds; 400 Pounds; 880 Pounds; 200 Pounds; 2900 Pounds; 30 Pounds; 1 Pounds; 4 Pounds; 1120 Pounds; 1200 Pounds; 15 Pounds; 1200 Pounds; 600 Pounds; 225 Pounds; 40 Pounds; 50 Pounds; 600 Pounds; 160 Pounds; 40 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 320 Pounds; 520 Pounds; 3000 Pounds

1987: 120 Pounds; 250 Pounds; 700 Pounds; 450 Pounds; 200 Pounds; 100 Pounds; 120 Pounds; 50 Pounds; 250 Pounds; 600 Pounds; 180 Pounds;

80 Pounds; 1680 Pounds; 150 Pounds; 1040 Pounds; 1780 Pounds; 100 Pounds; 30 Pounds; 22 Pounds; 5 Pounds; 5 Pounds; 150 Pounds; 45 Pounds; 2760 Pounds; 400 Pounds; 350 Pounds; 5 Pounds; 200 Pounds; 50 Pounds; 2 Pounds; 150 Pounds; 225 Pounds; 240 Pounds; 800 Pounds; 30 Pounds; 150 Pounds; 250 Pounds; 200 Pounds; 4900 Pounds; 2250 Pounds; 450 Pounds; 30 Pounds; 800 Pounds; 40 Pounds; 200 Pounds; 400 Pounds; 9200 Pounds; 60 Pounds; 40 Pounds; 220 Gallons; 5 Pounds; 1000 Pounds; 250 Pounds; 800 Pounds; 250 Pounds; 150 Pounds; 120 Pounds; 350 Pounds; 200 Pounds; 100 Pounds; 100 Pounds; 250 Pounds; 40 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 15 Pounds; 150 Pounds; 200 Gallons; 400 Pounds; 1600 Pounds; 80 Pounds; 540 Pounds; 30 Pounds; 60 Pounds; 20 Pounds; 2000 Pounds; 80 Pounds; 40 Pounds; 600 Pounds; 2400 Pounds; 400 Pounds; 250 Pounds; 100 Pounds; 240 Pounds; 68 Pounds; 400 Pounds; 5900 Pounds; 1230 Pounds; 1800 Pounds; 2 Pounds; 800 Pounds; 1 Pounds; 2 Pounds; 30 Pounds; 80 Pounds; 200 Pounds; 400 Pounds; 50 Pounds; 120 Pounds; 800 Pounds; 200 Pounds; 2400 Pounds; 2000 Pounds; 250 Pounds; 20 Pounds; 3000 Pounds; 20 Pounds; 250 Pounds; 200 Pounds; 6220 Pounds; 1600 Pounds; 800 Pounds; 800 Pounds; 40 Pounds; 15 Pounds; 30 Pounds; 180 Pounds; 400 Pounds; 454 Pounds; 9200 Pounds; 240 Pounds; 150 Pounds; 80 Pounds; 1 Pounds; 400 Pounds; 2000 Pounds; 600 Pounds; 120 Pounds; 250 Pounds; 10 Pounds; 960 Pounds; 2880 Pounds; 300 Pounds; 3200 Pounds; 2800 Pounds; 400 Pounds; 4800 Pounds; 120 Pounds; 450 Pounds; 60 Pounds; 10 Pounds; 3000 Pounds; 2000 Pounds; 650 Pounds; 400 Pounds; 400 Pounds; 6800 Pounds; 160 Pounds; 80 Pounds; 880 Pounds; 40 Pounds; 1 Pounds; 8 Pounds; 160 Pounds; 25 Pounds; 480 Pounds; 2400 Pounds; 1600 Pounds; 3200 Pounds; 200 Pounds; 1200 Pounds; 750 Pounds; 300 Pounds; 160 Pounds; 2850 Pounds; 90 Pounds; 28 Pounds; 400 Pounds; 10 Pounds; 300 Pounds; 1220 Pounds; 350 Pounds; 210 Pounds; 400 Pounds; 400 Pounds; 720 Pounds; 30 Pounds; 2040 Pounds; 400 Pounds; 800 Pounds; 440 Pounds; 300 Pounds; 10 Pounds; 6000 Pounds; 760 Pounds; 51 Pounds; 500 Pounds; 800 Pounds; 30 Pounds; 2400 Pounds; 1470 Pounds; 400 Pounds; 400 Pounds; 160 Pounds; 240 Pounds; 100 Pounds; 750 Pounds; 400 Pounds; 150 Pounds; 25 Pounds; 10 Pounds; 180 Pounds; 200 Pounds; 90 Pounds; 30 Pounds; 25 Pounds; 120 Pounds; 25 Pounds; 90 Pounds; 20 Pounds; 10 Pounds; 150 Pounds; 1 Pounds; 40 Pounds; 250 Pounds; 30 Pounds; 3600 Pounds; 43 Pounds; 600 Pounds; 800 Liters; 400 Pounds; 90 Pounds; 400 Pounds; 3 Pounds; 250 Pounds; 151 Pounds; 5 Pounds; 40 Pounds; 3 Pounds; 540 Pounds; 3000 Pounds; 40 Pounds; 150 Pounds; 800 Pounds; 300 Pounds; 400 Pounds; 200 Pounds; 3600 Pounds; 900 Pounds; 1600 Pounds; 3600 Pounds; 2000 Pounds; 4400 Pounds; 400 Pounds; 2800 Pounds; 300 Pounds; 400 Pounds; 800 Pounds; 120 Pounds; 1680 Pounds; 3200 Pounds; 510 Pounds; 300 Pounds; 400 Pounds; 11 Pounds; 2700 Pounds; 1300 Pounds; 400 Pounds; 250 Pounds; 400 Pounds; 200 Pounds; 1560 Pounds; 300 Pounds; 5200 Pounds; 3960 Pounds; 1350 Pounds; 500 Pounds; 40 Pounds; 400 Pounds; 1320 Gallons; 900 Pounds; 60 Pounds; 1600 Pounds; 800 Pounds; 160 Pounds; 30 Pounds; 210 Pounds; 300 Pounds; 250 Pounds; 40 Pounds; 25 Pounds; 90 Pounds; 1110 Pounds; 400 Pounds; 2000 Pounds; 800 Pounds; 300 Pounds; 2000 Pounds; 500 Pounds; 600 Pounds; 2000 Pounds; 200 Pounds; 1800 Pounds; 680 Pounds; 1880 Pounds; 450 Pounds; 400 Pounds; 560 Pounds; 800 Pounds; 330 Pounds; 2040 Pounds; 600 Pounds; 2700 Pounds; 440 Pounds; 400 Pounds; 1200 Pounds; 800 Pounds; 240 Pounds; 120 Pounds; 800 Pounds; 25 Pounds; 4000 Pounds; 800 Pounds; 240 Pounds; 1560 Pounds; 1200 Pounds; 400 Pounds; 5600 Pounds; 4400 Pounds; 300 Pounds; 150 Pounds; 800 Pounds; 800 Pounds; 225 Pounds; 1200 Pounds; 3200 Pounds; 1120 Pounds; 1800 Pounds; 90 Pounds; 310 Pounds; 400 Pounds; 2360 Pounds; 1040 Pounds; 29 Gallons; 320 Pounds; 16400 Pounds; 50 Gallons; 90 Pounds; 2000 Pounds; 300 Pounds; 400 Pounds; 187 Pounds; 20 Pounds; 2 Pounds; 1400 Pounds; 1 Gallons; 25 Pounds; 500 Pounds; 250 Pounds; 450 Pounds; 1250 Pounds; 500 Pounds; 1500 Pounds; 760 Pounds; 400 Pounds; 690 Pounds; 1110 Pounds; 160 Pounds; 120 Pounds; 1600 Pounds; 1950 Pounds; 160 Pounds; 45 Pounds; 500 Pounds; 2600 Pounds; 800 Pounds; 300 Pounds; 4800 Pounds; 200 Pounds; 10 Pounds; 400 Pounds; 400 Pounds; 30 Pounds; 900 Pounds; 1200 Pounds; 400 Pounds; 275 Pounds; 1200 Liters; 25 Pounds; 330 Pounds; 600 Pounds; 180 Pounds; 60 Pounds; 1080 Pounds; 160 Pounds; 1710 Pounds; 200 Pounds; 60 Pounds; 1600 Pounds; 385 Gallons; 25 Pounds; 210 Pounds; 360 Pounds; 480 Pounds; 400 Pounds; 300 Pounds; 400 Pounds; 800 Pounds; 3200 Pounds; 1600 Pounds; 400 Pounds; 25 Pounds; 1200 Pounds; 400 Pounds; 2160 Pounds; 90 Pounds; 300 Pounds; 25 Pounds; 200 Pounds; 1400 Pounds; 60 Pounds; 19 Pounds; 60 Pounds; 30 Pounds; 275 Gallons; 40 Pounds; 900 Pounds; 1500 Pounds; 2000 Pounds; 2400 Pounds; 400 Pounds; 400 Pounds; 30 Pounds; 2125 Pounds; 400 Pounds; 400 Pounds; 2000 Pounds; 2000 Pounds; 400 Pounds; 1080 Pounds; 150 Pounds; 30 Pounds; 6500 Pounds; 960 Pounds; 800 Pounds; 200 Pounds; 35 Gallons; 400 Pounds; 800 Pounds; 200 Pounds; 25 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 25 Pounds; 750 Pounds; 25 Pounds; 400 Pounds; 3840 Pounds; 775 Pounds; 360 Pounds; 510 Pounds; 960 Pounds; 481 Pounds; 1020 Pounds; 3200 Pounds; 400 Pounds; 450 Pounds; 240 Pounds; 55 Gallons; 200 Pounds; 150 Pounds; 1120 Pounds; 880 Pounds; 420 Pounds; 200 Pounds; 300 Pounds; 1500 Pounds; 20 Pounds; 400 Pounds; 2400 Pounds; 60 Pounds; 25 Pounds; 2000 Pounds; 2000 Pounds; 1020 Pounds; 80 Pounds; 400 Pounds; 100 Pounds; 4000 Pounds; 24000 Pounds; 1350 Pounds; 22400 Pounds; 250 Pounds; 120 Pounds; 1280 Pounds; 15200 Pounds; 90 Pounds; 160 Pounds; 2075 Pounds; 25 Pounds; 320 Pounds; 100 Gallons; 400 Pounds; 400 Pounds; 2200 Pounds; 130 Gallons; 450 Pounds; 1080 Pounds; 20 Pounds; 630 Pounds; 200 Pounds; 900 Pounds; 44000 Pounds; 100 Pounds; 7 Pounds; 840 Pounds; 480 Pounds; 120 Pounds; 520 Pounds; 350 Pounds; 9600 Pounds; 1600 Pounds; 20 Pounds; 40 Pounds; 3600 Pounds; 570 Pounds; 400 Pounds; 2000 Pounds; 2 Pounds; 900 Pounds; 50 Pounds; 2460 Pounds; 1600 Pounds; 2800 Pounds; 400 Pounds; 80 Pounds; 1200 Pounds; 1200 Pounds; 800 Pounds; 750 Pounds; 660 Pounds; 2400 Pounds; 400 Liters; 40 Pounds; 2000 Pounds; 5600 Pounds; 400 Pounds; 800 Pounds; 5200 Pounds; 960 Pounds; 480 Pounds; 400 Pounds; 320 Pounds; 100 Pounds; 450 Pounds; 250 Pounds; 450 Pounds; 800 Liters; 800 Pounds; 400 Pounds; 800 Pounds; 1600 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 1200 Pounds; 6 Pounds; 400 Pounds; 20 Pounds; 3100 Pounds; 25 Pounds; 400 Pounds; 225 Pounds; 80 Pounds; 90 Pounds; 750 Pounds; 2000 Pounds; 600 Pounds; 3900 Pounds; 400 Pounds; 1000 Pounds; 400 Pounds; 800 Pounds; 30 Pounds; 9300 Pounds; 450 Pounds; 100 Pounds; 2400 Pounds; 870 Pounds; 1150 Pounds; 3600 Pounds; 1200 Pounds; 700 Pounds; 360 Pounds; 240 Pounds; 150 Pounds; 2880 Pounds; 90 Pounds; 750 Pounds; 320 Pounds; 920 Pounds; 25 Pounds; 450 Pounds; 750 Pounds; 1200 Pounds; 400 Pounds; 1600 Pounds; 400 Pounds; 7200 Pounds; 400 Pounds; 1110 Pounds; 30 Pounds; 40 Pounds; 10 Pounds; 400 Pounds; 575 Pounds; 25 Pounds; 80 Pounds; 400 Pounds; 15 Pounds; 360 Pounds; 120 Pounds; 110 Gallons; 40 Pounds; 4000 Pounds; 800 Pounds; 1920 Pounds; 1440 Pounds; 400 Pounds; 400 Pounds; 300 Pounds; 1200 Pounds; 300 Pounds; 400 Pounds; 300 Pounds; 2200 Pounds; 40 Pounds; 2840 Pounds; 2000 Pounds; 250 Pounds; 8000 Pounds; 1350 Pounds; 1200 Pounds; 690 Pounds; 240 Pounds; 1500 Pounds; 300 Pounds; 2000 Pounds; 320 Pounds; 30 Pounds; 800 Pounds; 30 Pounds; 200 Pounds; 3200 Pounds; 8900 Pounds; 36 Pounds; 80 Pounds; 1200 Pounds; 400 Pounds; 40 Pounds; 150 Pounds; 7 Pounds; 350 Pounds; 840 Pounds; 30 Pounds; 600 Pounds; 300 Pounds; 80 Pounds; 160 Pounds; 80 Pounds; 2 Pounds; 30 Pounds; 80 Pounds; 40 Pounds; 1000 Pounds; 1350 Pounds; 60 Pounds; 90 Pounds; 25 Pounds; 40 Pounds; 20 Pounds; 1160 Pounds; 500 Pounds; 750 Pounds; 30 Pounds; 800 Pounds; 40 Pounds; 20 Pounds; 160 Pounds; 150 Pounds; 500 Pounds; 350 Pounds; 250 Pounds; 3200 Pounds; 900 Pounds; 900 Pounds; 400 Pounds; 280 Pounds; 400 Pounds; 6500 Pounds; 400 Pounds; 2040 Pounds; 250 Pounds; 30 Pounds; 400 Pounds; 150 Pounds; 13000 Pounds; 275 Pounds; 16200 Pounds; 150 Pounds; 540 Pounds; 800 Pounds; 360 Pounds; 400 Pounds; 200 Pounds; 250 Pounds; 1200 Pounds; 250 Pounds; 120 Pounds; 20 Pounds; 200 Pounds; 250 Pounds; 1380 Pounds; 60 Pounds; 300 Pounds; 400 Pounds; 910 Pounds; 800 Pounds; 440 Pounds; 548 Pounds; 275 Gallons; 400 Pounds; 800 Pounds; 20 Pounds; 80 Pounds; 1200 Pounds; 4 Pounds; 150 Pounds; 120 Pounds; 120 Pounds; 40 Pounds; 30 Pounds; 30 Pounds; 4400 Pounds; 750 Pounds; 360 Pounds; 390 Pounds; 60 Pounds; 100 Pounds; 1600 Pounds; 250 Pounds; 300 Pounds; 780 Pounds; 6 Pounds; 120 Pounds; 320 Pounds; 90 Pounds; 40 Pounds; 150 Pounds; 180 Pounds; 385 Gallons; 400 Pounds; 450 Pounds; 125 Pounds; 40 Pounds; 280 Gallons; 1800 Pounds; 50 Pounds; 400 Pounds; 4800 Pounds; 3560 Pounds; 5600 Pounds; 960 Pounds; 500 Pounds; 300 Pounds; 80 Pounds; 20 Pounds; 120 Pounds; 11800 Pounds; 400 Pounds; 500 Pounds; 250 Pounds; 300 Pounds; 90 Pounds; 330 Pounds; 60 Pounds; 90 Pounds; 5 Pounds; 5 Pounds; 150 Pounds; 300 Pounds; 400 Pounds; 150 Pounds; 275 Pounds; 120 Pounds; 120 Pounds; 10 Pounds; 400 Pounds; 250 Pounds; 200 Pounds; 1600 Pounds; 80 Pounds; 250 Pounds; 1320 Pounds; 225 Pounds; 5000 Pounds; 30 Pounds; 10 Pounds; 680 Pounds; 50 Pounds; 20 Pounds; 300 Pounds; 1350 Pounds; 150 Pounds; 750 Pounds; 1350 Pounds; 250 Pounds; 520

Pounds; 10 Pounds; 520 Pounds; 500 Pounds; 30 Pounds; 50 Pounds; 140 Pounds; 25 Pounds; 150 Pounds; 120 Pounds; 360 Pounds; 100 Pounds; 80 Pounds; 300 Pounds; 80 Pounds; 30 Pounds; 360 Pounds; 150 Pounds; 400 Pounds; 150 Pounds; 40 Pounds; 1200 Pounds; 50 Pounds; 80 Pounds; 20 Pounds; 7600 Pounds; 350 Pounds; 250 Pounds; 750 Pounds; 225 Pounds; 1000 Pounds; 1600 Pounds; 200 Pounds; 80 Pounds; 40 Pounds; 240 Pounds; 10 Pounds; 40 Pounds; 250 Pounds; 400 Pounds; 2 Pounds; 30 Pounds; 4000 Pounds; 3 Pounds; 5 Pounds; 50 Pounds; 250 Pounds; 1000 Pounds; 150 Pounds; 700 Pounds; 5 Gallons; 30 Pounds; 20 Pounds; 240 Pounds; 5 Pounds; 1400 Pounds; 60 Pounds; 3800 Pounds; 80 Pounds; 1040 Pounds; 800 Pounds; 150 Pounds; 50 Pounds; 80 Pounds; 20 Pounds; 40 Pounds; 250 Pounds; 30 Pounds; 90 Pounds; 280 Pounds; 500 Pounds; 100 Pounds; 30 Pounds; 1600 Pounds; 60 Pounds; 300 Pounds; 30 Pounds; 270 Pounds; 900 Pounds; 4050 Pounds; 1320 Pounds; 11400 Pounds; 800 Pounds; 250 Pounds; 25 Pounds; 25 Pounds; 400 Pounds; 75 Pounds; 80 Pounds; 264 Pounds; 200 Pounds; 100 Pounds; 25 Pounds; 10 Pounds; 125 Pounds; 30 Pounds; 180 Pounds; 30 Pounds; 800 Pounds; 240 Pounds; 12 Pounds; 2490 Pounds; 2 Pounds; 1 Pounds; 30 Pounds; 525 Pounds; 400 Pounds; 160 Pounds; 90 Pounds; 15 Pounds; 100 Pounds; 40 Pounds; 440 Pounds; 5 Pounds; 500 Pounds; 150 Pounds; 10 Pounds; 100 Pounds; 1 Pounds; 200 Pounds; 1 Pounds; 25 Pounds; 250 Pounds; 7 Pounds; 400 Pounds; 90 Pounds; 250 Pounds; 500 Pounds; 400 Pounds; 250 Pounds; 10 Pounds; 25 Pounds; 250 Pounds; 40 Pounds; 1 Pounds; 80 Pounds; 1200 Pounds; 60 Pounds; 400 Pounds; 30 Pounds; 320 Pounds; 60 Pounds; 60 Pounds; 250 Pounds; 50 Pounds; 240 Pounds; 301 Pounds; 330 Pounds; 40 Pounds; 330 Pounds; 360 Pounds; 150 Pounds; 100 Pounds; 30 Pounds; 200 Pounds; 50 Pounds; 15 Pounds; 8 Pounds; 100 Pounds; 150 Pounds; 25 Pounds; 87 Pounds; 30 Pounds; 860 Pounds; 150 Pounds; 30 Pounds; 30 Pounds; 80 Pounds; 400 Pounds; 15 Pounds; 15 Pounds; 30 Pounds; 5 Pounds; 25 Pounds; 400 Pounds; 5 Pounds; 4 Pounds; 250 Pounds; 5 Pounds; 250 Pounds; 425 Pounds; 25 Pounds; 150 Pounds; 5 Pounds; 30 Pounds; 250 Pounds; 4 Pounds; 200 Pounds; 2275 Pounds; 250 Pounds; 1000 Pounds; 400 Pounds; 900 Pounds; 500 Pounds; 10 Pounds; 800 Pounds; 800 Pounds; 20 Pounds; 500 Pounds; 40 Pounds; 100 Pounds; 60 Pounds; 50 Pounds; 150 Pounds; 40 Pounds; 40 Pounds; 3 Pounds; 25 Pounds; 250 Pounds; 40 Pounds; 1 Pounds; 25 Pounds; 50 Pounds; 40 Pounds; 25 Pounds; 3 Pounds; 125 Pounds; 4 Pounds; 25 Pounds; 110 Gallons; 6 Pounds; 800 Pounds; 900 Pounds; 1 Pounds; 15 Pounds; 50 Pounds; 150 Pounds; 2 Pounds; 150 Pounds; 150 Pounds; 3 Pounds; 250 Pounds; 5 Pounds; 5 Pounds; 500 Pounds; 2750 Pounds; 750 Pounds; 715 Gallons; 250 Pounds; 80 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 250 Pounds; 2750 Pounds; 300 Pounds; 1 Pounds; 1 Pounds; 1 Pounds; 5 Pounds; 600 Pounds; 750 Pounds; 25 Pounds; 150 Pounds; 1 Pounds; 30 Pounds; 50 Pounds; 100 Pounds; 200 Pounds; 200 Pounds; 300 Pounds; 250 Pounds; 40 Pounds; 750 Pounds; 100 Pounds; 25 Pounds; 500 Pounds; 40 Pounds; 1600 Pounds; 120 Pounds; 25 Pounds; 500 Pounds; 250 Pounds; 250 Pounds; 25 Pounds; 62 Pounds; 5 Pounds; 450 Pounds; 150 Pounds

1988: 440 Pounds; 4400 Pounds; 3200 Pounds; 2000 Pounds; 160 Pounds; 400 Pounds; 3250 Pounds; 3625 Pounds; 400 Pounds; 3200 Pounds; 3480 Pounds; 1500 Pounds; 250 Pounds; 400 Pounds; 2400 Pounds; 53 Pounds; 400 Pounds; 800 Pounds; 2440 Pounds; 2720 Pounds; 40 Pounds; 400 Pounds; 6000 Pounds; 800 Pounds; 840 Pounds; 1200 Pounds; 400 Pounds; 2400 Pounds; 120 Pounds; 120 Pounds; 1200 Pounds; 3125 Pounds; 520 Pounds; 160 Pounds; 550 Pounds; 1600 Pounds; 400 Pounds; 1600 Pounds; 200 Pounds; 45 Pounds; 53 Pounds; 2125 Pounds; 2 Pounds; 240 Pounds; 120 Pounds; 1200 Pounds; 68 Pounds; 200 Pounds; 300 Pounds; 350 Pounds; 80 Pounds; 2320 Pounds; 800 Pounds; 1600 Pounds; 200 Pounds; 200 Pounds; 10 Pounds; 800 Pounds; 150 Pounds; 50 Gallons; 4000 Pounds; 250 Pounds; 30 Pounds; 320 Pounds; 3360 Pounds; 1600 Pounds; 920 Pounds; 100 Pounds; 480 Pounds; 2000 Pounds; 165 Gallons; 400 Pounds; 200 Pounds; 800 Pounds; 900 Pounds; 20000 Pounds; 600 Pounds; 400 Pounds; 1800 Pounds; 120 Pounds; 7600 Pounds; 12800 Pounds; 1200 Pounds; 250 Pounds; 400 Pounds; 840 Pounds; 3000 Pounds; 450 Pounds; 25 Pounds; 920 Pounds; 240 Pounds; 325 Pounds; 800 Pounds; 3020 Pounds; 250 Pounds; 80 Pounds; 400 Pounds; 120 Pounds; 125 Pounds; 50 Pounds; 760 Pounds; 800 Pounds; 50 Pounds; 1600 Pounds; 660 Pounds; 100 Pounds; 120 Pounds; 320 Pounds; 90 Pounds; 1600 Pounds; 400 Pounds; 400 Pounds; 240 Pounds; 352 Pounds; 2000 Pounds; 280 Pounds; 920 Pounds; 800 Pounds; 120 Pounds; 680 Pounds; 1440 Pounds; 1375 Pounds; 25 Pounds; 1600 Pounds; 1120 Pounds; 40 Pounds; 240 Pounds; 1440 Pounds; 1200 Pounds; 40 Pounds; 160 Pounds; 1320 Pounds; 600 Pounds; 480 Pounds; 2480 Pounds; 50 Pounds; 2 Pounds; 12200 Pounds; 80 Pounds; 640 Pounds; 800 Pounds; 4000 Pounds; 6400 Pounds; 6000 Pounds; 50 Pounds; 200 Pounds; 240 Pounds; 1900 Pounds; 4400 Pounds; 3125 Pounds; 110 Gallons; 120 Pounds; 55 Gallons; 2800 Pounds; 80 Pounds; 840 Pounds; 23400 Pounds; 320 Pounds; 40 Pounds; 1000 Pounds; 1000 Pounds; 3200 Pounds; 4800 Pounds; 400 Pounds; 1 Pounds; 4040 Pounds; 20 Pounds; 400 Pounds; 160 Pounds; 200 Pounds; 100 Pounds; 35200 Pounds; 200 Pounds; 2 Pounds; 2080 Pounds; 160 Pounds; 30000 Pounds; 12800 Pounds; 750 Pounds; 1480 Pounds; 2 Pounds; 200 Pounds; 250 Pounds; 800 Pounds; 1400 Pounds; 1400 Pounds; 4000 Pounds; 400 Pounds; 6000 Pounds; 3600 Pounds; 3 Pounds; 500 Pounds; 50 Pounds; 50 Pounds; 25 Pounds; 25 Pounds; 350 Pounds; 100 Pounds; 50 Pounds; 5600 Pounds; 2760 Pounds; 800 Pounds; 1240 Pounds; 1200 Pounds; 3000 Liters; 240 Pounds; 1200 Pounds; 5625 Liters; 2000 Pounds; 800 Pounds; 550 Pounds; 16000 Pounds; 200 Pounds; 900 Pounds; 625 Pounds; 800 Pounds; 1500 Pounds; 150 Pounds; 25 Pounds; 50 Pounds; 250 Pounds; 100 Pounds; 100 Pounds; 7200 Pounds; 120 Pounds; 640 Pounds; 200 Pounds; 80 Pounds; 880 Pounds; 150 Pounds; 25 Pounds; 600 Pounds; 80 Pounds; 120 Pounds; 400 Pounds; 880 Pounds; 120 Pounds; 40 Pounds; 100 Pounds; 1 Pounds; 1120 Pounds; 450 Pounds; 9200 Pounds; 40 Pounds; 1200 Pounds; 450 Pounds; 120 Pounds; 15 Pounds; 330 Gallons; 202 Pounds; 2000 Pounds; 11400 Pounds; 400 Pounds; 125 Pounds; 400 Pounds; 11000 Pounds; 18000 Pounds; 6 Pounds; 3600 Pounds; 200 Pounds; 1350 Pounds; 25 Pounds; 2080 Pounds; 1200 Pounds; 400 Pounds; 400 Pounds; 2400 Pounds; 800 Pounds; 800 Pounds; 2 Pounds; 39 Pounds; 40 Pounds; 400 Pounds; 600 Pounds; 3680 Pounds; 1300 Pounds; 320 Pounds; 200 Pounds; 2160 Pounds; 320 Pounds; 120 Pounds; 2000 Pounds; 400 Pounds; 6400 Pounds; 1200 Pounds; 1680 Pounds; 80 Pounds; 200 Pounds; 200 Pounds; 500 Pounds; 850 Pounds; 120 Pounds; 510 Pounds; 200 Pounds; 5800 Pounds; 40 Pounds; 40 Pounds; 400 Pounds; 8550 Pounds; 240 Pounds; 750 Pounds; 8250 Pounds; 400 Pounds; 200 Pounds; 950 Pounds; 60 Pounds; 450 Pounds; 8000 Pounds; 900 Pounds; 400 Pounds; 3100 Pounds; 150 Pounds; 200 Pounds; 80 Pounds; 9500 Pounds; 150 Pounds; 250 Pounds; 720 Pounds; 5 Pounds; 200 Pounds; 600 Pounds; 2640 Pounds; 250 Pounds; 1250 Pounds; 600 Pounds; 5600 Pounds; 1200 Pounds; 500 Pounds; 600 Pounds; 400 Pounds; 150 Pounds; 24000 Pounds; 840 Pounds; 2360 Pounds; 400 Pounds; 1600 Pounds; 200 Pounds; 640 Pounds; 120 Pounds; 400 Pounds; 400 Pounds; 40 Pounds; 800 Pounds; 160 Pounds; 25 Pounds; 25 Pounds; 25 Pounds; 8200 Pounds; 1 Pounds; 55 Pounds; 120 Pounds; 191 Pounds; 60 Pounds; 100 Pounds; 800 Pounds; 20 Pounds; 20 Pounds; 10 Pounds; 1200 Pounds; 120 Pounds; 3600 Pounds; 300 Pounds; 200 Pounds; 800 Pounds; 500 Pounds; 20 Pounds; 2400 Pounds; 40 Pounds; 450 Pounds; 200 Pounds; 250 Pounds; 370 Pounds; 40 Pounds; 600 Pounds; 80 Pounds; 80 Pounds; 120 Pounds; 160 Pounds; 1200 Pounds; 2400 Pounds; 400 Pounds; 750 Pounds; 3440 Pounds; 55 Gallons; 5500 Pounds; 400 Pounds; 80 Pounds; 440 Pounds; 55 Gallons; 440 Pounds; 270 Pounds; 120 Pounds; 120 Pounds; 40 Pounds; 80 Pounds; 40 Pounds; 2600 Pounds; 80 Pounds; 2 Pounds; 4 Pounds; 1600 Pounds; 1400 Pounds; 40 Pounds; 80 Pounds; 150 Pounds; 50 Pounds; 25 Pounds; 25 Pounds; 400 Pounds; 2 Pounds; 250 Pounds; 1400 Pounds; 4800 Pounds; 40 Pounds; 160 Pounds; 1500 Pounds; 400 Pounds; 500 Pounds; 110 Gallons; 50 Pounds; 60 Pounds; 750 Pounds; 100 Pounds; 1600 Pounds; 450 Pounds; 25 Pounds; 80 Pounds; 25 Pounds; 5 Pounds; 80 Pounds; 6050 Pounds; 360 Pounds; 440 Pounds; 25 Pounds; 40 Pounds; 1200 Pounds; 1 Pounds; 2655 Pounds; 25 Pounds; 400 Pounds; 1800 Pounds; 150 Pounds; 100 Pounds; 2 Pounds; 10 Pounds; 240 Pounds; 20 Pounds; 240 Pounds; 150 Pounds; 300 Pounds; 1600 Pounds; 20 Pounds; 250 Pounds; 440 Pounds; 160 Pounds; 400 Pounds; 6 Pounds; 900 Pounds; 1250 Pounds; 2 Pounds; 120 Pounds; 200 Pounds; 4 Pounds; 9000 Pounds; 250 Pounds; 1 Pounds; 2400 Pounds; 520 Pounds; 25 Pounds; 100 Pounds; 100 Pounds; 80 Pounds; 40 Pounds; 60 Pounds; 20 Pounds; 2200 Pounds; 50 Pounds; 25 Pounds; 550 Pounds; 2000 Pounds; 200 Pounds; 5 Pounds; 25 Pounds; 20 Pounds; 400 Pounds; 40 Pounds; 300 Pounds; 250 Pounds; 150 Pounds; 6 Pounds; 52 Pounds; 400 Pounds; 2 Pounds; 40 Pounds; 120 Pounds; 120 Pounds; 280 Pounds; 10 Pounds; 20 Pounds; 1200 Pounds; 25 Pounds; 2000 Pounds; 120 Pounds; 40 Pounds; 30 Pounds; 225 Pounds; 150 Pounds; 600 Pounds; 600 Pounds; 500 Pounds; 500 Pounds; 80 Pounds; 250 Pounds; 40 Pounds; 200 Pounds; 750 Pounds; 60 Pounds; 800 Pounds; 80 Pounds; 165 Gallons; 1200 Pounds; 1000 Pounds; 1600 Pounds; 20 Pounds; 100 Pounds; 400 Pounds; 60

Pounds; 20 Pounds; 4600 Pounds; 20 Pounds; 8 Pounds; 750 Pounds; 300 Pounds; 40 Pounds; 250 Pounds; 80 Pounds; 20 Pounds; 10 Pounds; 25 Pounds; 1600 Pounds; 175 Pounds; 80 Pounds; 40 Pounds; 1800 Pounds; 1 Pounds; 250 Pounds; 25 Pounds; 400 Pounds; 165 Gallons; 6 Pounds; 250 Pounds; 110 Gallons; 25 Pounds; 2750 Pounds; 1950 Pounds; 25 Pounds; 250 Pounds; 25 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 1800 Pounds; 40 Pounds; 1 Pounds; 75 Pounds; 800 Pounds; 2400 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 2 Pounds; 20 Pounds; 10 Pounds; 10 Pounds; 5 Pounds; 1 Pounds; 50 Pounds; 40 Pounds; 700 Pounds; 2 Pounds; 20 Pounds; 300 Pounds; 20 Pounds; 400 Pounds; 150 Pounds; 20 Pounds; 50 Pounds; 1800 Pounds; 250 Pounds; 150 Pounds; 500 Pounds; 7250 Pounds; 400 Pounds; 1 Pounds; 250 Pounds; 2 Pounds; 800 Pounds; 5 Pounds; 800 Pounds; 100 Pounds; 400 Pounds; 40 Pounds; 20 Pounds; 250 Pounds; 10 Pounds; 60 Pounds; 40 Pounds; 5 Pounds; 150 Pounds; 20 Pounds; 25 Pounds; 10 Pounds; 25 Pounds; 1750 Pounds; 1 Pounds; 75 Pounds; 25 Pounds; 400 Pounds; 800 Pounds; 50 Pounds; 25 Pounds; 400 Pounds; 25 Pounds; 400 Pounds; 25 Pounds; 500 Pounds; 1600 Pounds; 300 Pounds; 36 Pounds; 5 Pounds; 1 Pounds; 1600 Pounds; 2400 Pounds; 1 Pounds; 15 Pounds; 55 Gallons; 50 Pounds; 125 Pounds; 50 Pounds; 2250 Pounds; 3900 Pounds; 5 Pounds; 20 Pounds; 37 Pounds; 150 Pounds; 50 Pounds; 2 Pounds; 1 Pounds; 1 Pounds; 150 Pounds; 25 Pounds; 600 Pounds; 400 Pounds; 6 Pounds; 150 Pounds; 50 Pounds; 40 Pounds; 10 Pounds; 200 Pounds; 25 Pounds; 225 Pounds; 1 Pounds; 40 Pounds; 25 Pounds; 450 Pounds; 26 Pounds; 400 Pounds; 60 Pounds; 3 Pounds; 15 Pounds; 25 Pounds; 25 Pounds; 10 Pounds; 20 Pounds; 400 Pounds; 100 Pounds; 3 Pounds; 250 Pounds; 730 Pounds; 1200 Pounds; 200 Pounds; 300 Pounds; 28 Pounds; 30 Pounds; 360 Pounds; 1350 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 100 Pounds; 640 Pounds; 500 Pounds; 1600 Pounds; 240 Liters; 50 Pounds; 1250 Pounds; 800 Pounds; 60 Pounds; 40 Pounds; 120 Pounds; 30 Pounds; 12800 Pounds; 2375 Pounds; 400 Pounds; 800 Pounds; 500 Pounds; 1600 Pounds; 100 Pounds; 1360 Pounds; 20 Pounds; 1200 Pounds; 3120 Pounds; 4 Pounds; 165 Gallons; 800 Pounds; 200 Pounds; 100 Pounds; 2 Pounds; 400 Pounds; 25500 Pounds; 800 Pounds; 400 Pounds; 400 Pounds; 25 Pounds; 400 Pounds; 14 Pounds; 20 Pounds; 15 Pounds; 1500 Pounds; 80 Pounds; 20 Pounds; 1200 Pounds; 200 Pounds; 50 Pounds; 250 Pounds; 25 Pounds; 400 Pounds; 4000 Pounds; 25 Pounds; 400 Pounds; 80 Pounds; 900 Pounds; 100 Pounds; 3 Pounds; 400 Pounds; 400 Pounds; 10 Pounds; 2000 Pounds; 200 Pounds; 1200 Pounds; 600 Pounds; 200 Pounds; 800 Pounds; 1840 Pounds; 240 Pounds; 800 Pounds; 3250 Pounds; 450 Pounds; 280 Pounds; 1200 Pounds; 720 Pounds; 400 Pounds; 250 Pounds; 180 Pounds; 1600 Pounds; 2040 Pounds; 400 Pounds; 4750 Liters; 250 Pounds; 1 Pounds; 40 Pounds; 5 Pounds; 40 Pounds; 100 Pounds; 800 Pounds; 34 Pounds; 10 Pounds; 200 Pounds; 2 Pounds; 1560 Pounds; 30 Pounds; 880 Pounds; 800 Pounds; 320 Pounds; 800 Pounds; 1200 Pounds; 300 Pounds; 1200 Pounds; 400 Pounds; 1160 Pounds; 30 Pounds; 20 Pounds; 450 Pounds; 800 Pounds; 5200 Pounds; 24000 Pounds; 300 Pounds; 1360 Pounds; 500 Pounds; 60 Pounds; 20 Pounds; 150 Pounds; 25 Pounds; 80 Pounds; 120 Pounds; 25 Pounds; 100 Pounds; 400 Pounds; 80 Pounds; 40 Pounds; 90 Pounds; 250 Pounds; 500 Pounds; 250 Pounds; 360 Pounds; 1 Pounds; 15 Pounds; 80 Pounds; 40 Pounds; 560 Pounds; 320 Pounds; 500 Pounds; 26400 Pounds; 3600 Pounds; 120 Pounds; 16800 Pounds; 50 Pounds; 2000 Pounds; 800 Pounds; 40 Pounds; 1600 Pounds; 4400 Pounds; 25 Pounds; 400 Pounds; 1200 Pounds; 2000 Pounds; 50 Pounds; 250 Pounds; 400 Pounds; 110 Pounds; 200 Pounds; 25 Pounds; 25 Pounds; 25 Pounds; 1450 Pounds; 240 Pounds; 5 Pounds; 300 Pounds; 4400 Pounds; 200 Pounds; 80 Pounds; 100 Pounds; 10 Pounds; 100 Pounds; 40 Pounds; 40 Pounds; 250 Pounds; 1925 Gallons; 200 Pounds

1989: 22 Pounds; 800 Pounds; 100 Pounds; 20 Pounds; 4750 Pounds; 10000 Pounds; 5600 Pounds; 1400 Pounds; 150 Pounds; 40 Pounds; 10 Pounds; 5 Pounds; 800 Pounds; 50 Pounds; 25 Pounds; 280 Pounds; 2 Pounds; 190 Pounds; 2 Pounds; 1 Pounds; 200 Pounds; 675 Pounds; 800 Pounds; 800 Pounds; 5 Pounds; 40 Pounds; 100 Pounds; 250 Pounds; 100 Pounds; 11 Pounds; 100 Pounds; 2250 Pounds; 250 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 9800 Pounds; 75 Pounds; 75 Pounds; 250 Pounds; 200 Pounds; 7 Pounds; 10000 Pounds; 4000 Pounds; 500 Pounds; 50 Pounds; 2800 Pounds; 6800 Pounds; 6800 Pounds; 2000 Pounds; 800 Pounds; 300 Pounds; 500 Pounds; 17600 Pounds; 100 Gallons; 1000 Pounds; 3300 Pounds; 680 Pounds; 1000 Pounds; 400 Pounds; 250 Pounds; 50 Pounds; 150 Pounds; 2400 Pounds; 200 Pounds; 1 Pounds; 220 Pounds; 1500 Pounds; 1200 Pounds; 1600 Pounds; 40 Pounds; 1 Pounds; 40 Pounds; 1 Pounds; 40 Pounds; 17600 Pounds; 3200 Pounds; 10 Pounds; 80 Pounds; 8 Pounds; 60 Pounds; 2 Pounds; 120 Pounds; 340 Pounds; 60 Pounds; 280 Pounds; 14200 Pounds; 450 Pounds; 250 Pounds; 10 Pounds; 1 Pounds; 2400 Pounds; 400 Pounds; 1000 Pounds; 250 Pounds; 800 Pounds; 500 Pounds; 500 Pounds; 200 Pounds; 175 Pounds; 4400 Pounds; 20 Pounds; 495 Gallons; 3600 Pounds; 6200 Pounds; 4 Pounds; 2000 Pounds; 550 Pounds; 19200 Pounds; 525 Pounds; 10600 Pounds; 10 Pounds; 500 Pounds; 1 Pounds; 2 Pounds; 20 Pounds; 60 Pounds; 20 Pounds; 750 Pounds; 1000 Pounds; 300 Pounds; 7 Pounds; 450 Pounds; 40 Pounds; 20 Pounds; 450 Pounds; 30 Pounds; 2500 Pounds; 80 Pounds; 40 Pounds; 700 Pounds; 60 Pounds; 250 Pounds; 2700 Pounds; 100 Pounds; 1 Pounds; 500 Pounds; 5 Pounds; 250 Pounds; 450 Pounds; 25 Pounds; 30 Pounds; 500 Pounds; 2 Pounds; 400 Pounds; 30 Pounds; 2400 Pounds; 300 Pounds; 100 Pounds; 50 Pounds; 250 Pounds; 400 Pounds; 3 Pounds; 60 Pounds; 14 Pounds; 500 Pounds; 30 Gallons; 1 Pounds; 5 Pounds; 1 Pounds; 5 Pounds; 2250 Pounds; 75 Pounds; 250 Pounds; 25 Pounds; 30 Pounds; 2500 Pounds; 1 Pounds; 450 Pounds; 1800 Pounds; 240 Pounds; 20 Pounds; 100 Pounds; 400 Pounds; 9 Pounds; 40 Pounds; 36 Pounds; 400 Pounds; 400 Pounds; 10 Pounds; 30 Pounds; 1 Pounds; 10 Pounds; 20 Pounds; 1 Pounds; 50 Pounds; 900 Pounds; 25 Pounds; 400 Pounds; 600 Pounds; 10 Pounds; 3 Pounds; 1 Pounds; 2 Pounds; 20 Pounds; 1 Pounds; 5 Pounds; 2 Pounds; 75 Pounds; 400 Pounds; 5 Pounds; 40 Pounds; 400 Pounds; 25 Pounds; 100 Pounds; 500 Pounds; 200 Pounds; 50 Pounds; 4 Pounds; 60 Pounds; 1 Pounds; 100 Pounds; 5 Pounds; 2 Pounds; 7 Pounds; 15 Pounds; 1 Pounds; 6 Pounds; 13 Pounds; 30 Gallons; 5 Pounds; 4 Pounds; 2 Pounds; 400 Pounds; 1 Pounds; 5 Pounds; 600 Pounds; 25 Pounds; 40 Pounds; 100 Pounds; 75 Pounds; 40 Pounds; 2 Pounds; 600 Pounds; 1 Pounds; 2 Pounds; 750 Pounds; 200 Pounds; 5 Gallons; 350 Pounds; 5 Pounds; 5 Pounds; 2 Pounds; 1 Pounds; 1 Pounds; 4200 Pounds; 5 Pounds; 1 Pounds; 40 Pounds; 800 Pounds; 10 Pounds; 40 Pounds; 400 Pounds; 2 Pounds; 40 Pounds; 300 Pounds; 3 Pounds; 200 Pounds; 2 Pounds; 250 Pounds; 400 Pounds; 30 Pounds; 800 Pounds; 2 Pounds; 50 Pounds; 40 Pounds; 400 Pounds; 25 Pounds; 600 Pounds; 10 Pounds; 500 Pounds; 400 Pounds; 4 Pounds; 1 Pounds; 5 Gallons; 600 Pounds; 40 Pounds; 60 Pounds; 150 Pounds; 2 Pounds; 3 Pounds; 8 Pounds; 150 Pounds; 100 Pounds; 3 Pounds; 200 Pounds; 700 Pounds; 4 Pounds; 5 Pounds; 40 Pounds; 2 Pounds; 200 Pounds; 11 Pounds; 5 Pounds; 60 Pounds; 10 Pounds; 50 Pounds; 100 Pounds; 80 Pounds; 750 Pounds; 5 Pounds; 600 Pounds; 45 Pounds; 2000 Pounds; 50 Pounds; 600 Pounds; 10 Pounds; 300 Pounds; 20 Pounds; 300 Pounds; 5 Pounds; 400 Pounds; 1 Pounds; 45 Pounds; 400 Pounds; 10 Pounds; 150 Pounds; 700 Pounds; 75 Pounds; 75 Pounds; 250 Pounds; 2500 Pounds; 40 Pounds; 45 Pounds; 100 Pounds; 20 Pounds; 39 Pounds; 60 Pounds; 200 Pounds; 200 Pounds; 100 Pounds; 50 Pounds; 400 Pounds; 50 Pounds; 5 Pounds; 400 Pounds; 200 Pounds; 3000 Pounds; 10400 Pounds; 30 Pounds; 800 Pounds; 10 Pounds; 5 Pounds; 5 Pounds; 20 Pounds; 75 Pounds; 8000 Pounds; 300 Pounds; 200 Pounds; 13800 Pounds; 1000 Pounds; 75 Pounds; 10 Pounds; 9600 Pounds; 200 Pounds; 9800 Pounds; 10 Pounds; 30 Pounds; 5 Pounds; 100 Pounds; 50 Pounds; 600 Pounds; 75 Pounds; 1 Pounds; 20 Pounds; 300 Pounds; 150 Pounds; 3400 Pounds; 100 Pounds; 30 Gallons; 400 Pounds; 300 Pounds; 8300 Pounds; 40 Pounds; 706 Pounds; 150 Pounds; 60 Pounds; 20 Pounds; 260 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 7400 Pounds; 16200 Pounds; 950 Pounds; 270 Pounds; 1 Pounds; 7200 Pounds; 400 Pounds; 10 Pounds; 5 Pounds; 25 Pounds; 600 Pounds; 80 Pounds; 30 Pounds; 1000 Pounds; 500 Pounds; 5600 Pounds; 200 Pounds; 30 Pounds; 45 Pounds; 10 Pounds; 40 Pounds; 80 Pounds; 30 Pounds; 30 Pounds; 800 Pounds; 100 Pounds; 20 Pounds; 800 Pounds; 10 Pounds; 150 Pounds; 12400 Pounds; 400 Pounds; 289 Pounds; 500 Pounds; 17000 Pounds; 500 Pounds; 50 Pounds; 25 Pounds; 150 Pounds; 80 Pounds; 1200 Pounds; 500 Pounds; 20 Pounds; 900 Pounds; 40 Pounds; 30 Pounds; 13500 Pounds; 5 Pounds; 40 Pounds; 6400 Pounds; 1720 Pounds; 20 Pounds; 100 Pounds; 50 Pounds; 10 Pounds; 16000 Pounds; 50 Pounds; 2800 Pounds; 1600 Pounds; 500 Pounds; 5600 Pounds; 100 Pounds; 20 Pounds; 90 Pounds; 30 Pounds; 60 Pounds; 80 Pounds; 180 Pounds; 20 Pounds; 40 Pounds; 400 Pounds; 1 Pounds; 16800 Pounds; 800 Pounds; 9300 Pounds; 14200 Pounds; 2000 Pounds; 20 Pounds; 3600 Pounds; 3200 Pounds; 1200 Pounds; 40 Pounds; 20 Pounds; 600 Pounds; 20 Pounds; 1800 Pounds; 20 Pounds; 250 Pounds; 25 Pounds; 30 Pounds; 700 Pounds; 200 Pounds; 75 Pounds; 5400 Pounds; 2400 Pounds; 300 Pounds; 17400 Pounds; 350 Pounds; 2000 Pounds; 40 Pounds; 2 Pounds; 20 Pounds; 24000 Pounds; 60 Pounds; 150 Pounds; 2 Pounds; 40 Pounds; 400 Pounds; 200 Pounds; 60 Pounds; 90

Pounds; 1 Pounds; 403 Pounds; 4800 Pounds; 250 Pounds; 600 Pounds; 4400 Pounds; 3001 Pounds; 800 Pounds; 15813 Pounds; 500 Pounds; 350 Pounds; 450 Pounds; 350 Pounds; 800 Pounds; 2 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 400 Pounds; 250 Pounds; 8000 Pounds; 50 Pounds; 55 Gallons; 100 Pounds; 1700 Pounds; 55 Gallons; 100 Pounds; 4400 Pounds; 300 Pounds; 20 Pounds; 5 Gallons; 3200 Pounds; 200 Pounds; 2000 Pounds; 11600 Pounds; 400 Pounds; 1800 Pounds; 300 Pounds; 6800 Pounds; 16200 Pounds; 1600 Pounds; 20 Pounds; 20 Pounds; 60 Pounds; 2800 Pounds; 400 Pounds; 11800 Pounds; 4800 Pounds; 4000 Pounds; 4000 Pounds; 2800 Pounds; 40 Pounds; 55 Pounds; 600 Pounds; 800 Pounds; 250 Pounds; 20 Pounds; 400 Pounds; 100 Gallons; 200 Pounds; 3 Pounds; 4800 Pounds; 1400 Pounds; 400 Pounds; 400 Pounds; 4 Pounds; 5 Pounds; 800 Pounds; 8000 Pounds; 9600 Pounds; 100 Pounds; 80 Pounds; 10 Pounds; 800 Pounds; 26400 Pounds; 30 Gallons; 20 Pounds; 300 Pounds; 400 Pounds; 2000 Pounds; 9200 Pounds; 2000 Pounds; 2640 Pounds; 3000 Pounds; 200 Pounds; 75 Pounds; 900 Pounds; 150 Pounds; 25 Pounds; 400 Pounds; 50 Pounds; 600 Pounds; 3250 Pounds; 250 Pounds; 50 Pounds; 1980 Pounds; 700 Pounds; 900 Pounds; 5600 Pounds; 1 Pounds; 600 Pounds; 10 Pounds; 3000 Pounds; 300 Pounds; 1000 Pounds; 1200 Pounds; 400 Pounds; 3 Pounds; 30 Gallons; 10000 Pounds; 120 Pounds; 25 Gallons; 1 Pounds; 160 Pounds; 3200 Pounds

1990: 1750 Pounds; 200 Pounds; 150 Pounds; 1500 Pounds; 89 Pounds; 150 Pounds; 95 Pounds; 500 Pounds; 30 Pounds; 2 Pounds; 50 Pounds; 8000 Pounds; 200 Pounds; 400 Pounds; 10 Pounds; 300 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 5 Pounds; 3 Pounds; 50 Pounds; 5 Pounds; 100 Pounds; 800 Pounds; 100 Pounds; 1 Pounds; 5 Pounds; 4 Pounds; 150 Pounds; 25 Pounds; 10 Pounds; 1 Pounds; 1 Pounds; 30 Pounds; 5900 Pounds; 5600 Pounds; 2500 Pounds; 2 Pounds; 200 Pounds; 30 Pounds; 250 Pounds; 2700 Pounds; 30 Pounds; 150 Pounds; 200 Pounds; 100 Pounds; 75 Pounds; 200 Pounds; 150 Pounds; 250 Pounds; 12500 Pounds; 1800 Pounds; 7600 Pounds; 40 Pounds; 7500 Pounds; 20 Pounds; 20 Pounds; 10 Pounds; 2 Pounds; 250 Pounds; 800 Pounds; 30 Pounds; 30 Pounds; 500 Pounds; 20 Pounds; 450 Pounds; 40 Pounds; 40 Pounds; 30 Pounds; 750 Pounds; 100 Pounds; 30 Pounds; 10 Pounds; 5 Pounds; 40 Pounds; 40 Pounds; 250 Pounds; 200 Pounds; 20 Pounds; 10 Pounds; 15 Pounds; 60 Pounds; 300 Pounds; 10 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 500 Pounds; 100 Pounds; 20 Pounds; 20 Pounds; 100 Pounds; 100 Pounds; 20 Pounds; 100 Pounds; 3 Pounds; 200 Pounds; 1000 Pounds; 17600 Pounds; 1046 Pounds; 85 Pounds; 6474 Pounds; 50 Pounds; 40 Pounds; 6300 Pounds; 2000 Pounds; 2800 Pounds; 600 Pounds; 20 Pounds; 150 Pounds; 200 Pounds; 4400 Pounds; 170 Pounds; 30 Pounds; 9257 Pounds; 50 Pounds; 7410 Pounds; 800 Pounds; 80 Pounds; 40 Pounds; 354 Pounds; 10 Pounds; 400 Pounds; 20 Pounds; 5 Pounds; 200 Pounds; 21750 Pounds; 5600 Pounds; 100 Pounds; 20 Pounds; 15000 Pounds; 40 Pounds; 40 Pounds; 100 Pounds; 5 Pounds; 150 Pounds; 5 Pounds; 200 Pounds; 100 Pounds; 900 Pounds; 100 Pounds; 300 Pounds; 35 Pounds; 40 Pounds; 1 Pounds; 11 Pounds; 400 Pounds; 1 Pounds; 10 Pounds; 5 Pounds; 5 Pounds; 290 Pounds; 1500 Pounds; 20 Pounds; 30 Pounds; 100 Pounds; 10 Pounds; 400 Pounds; 20 Pounds; 200 Pounds; 100 Pounds; 10 Pounds; 7056 Pounds; 139 Pounds; 1 Pounds; 600 Pounds; 3200 Pounds; 450 Pounds; 40 Pounds; 2320 Pounds; 2100 Pounds; 4000 Pounds; 300 Pounds; 3600 Pounds; 33406 Pounds; 600 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 6000 Pounds; 29000 Pounds; 4500 Pounds; 1000 Pounds; 1500 Pounds; 400 Pounds; 300 Pounds; 500 Pounds; 3200 Pounds; 100 Pounds; 400 Pounds; 4000 Pounds; 500 Pounds; 20 Pounds; 24000 Pounds; 40 Pounds; 100 Pounds; 300 Pounds; 90 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 20 Pounds; 20 Pounds; 15 Pounds; 350 Pounds; 1 Pounds; 40 Pounds; 1000 Pounds; 150 Pounds; 120 Pounds; 200 Pounds; 9414 Pounds; 5 Pounds; 50 Pounds; 2 Pounds; 1400 Pounds; 2 Pounds; 1 Pounds; 5 Pounds; 400 Pounds; 2000 Pounds; 200 Pounds; 400 Pounds; 50 Pounds; 400 Pounds; 3400 Pounds; 1 Pounds; 200 Pounds; 30 Pounds; 200 Pounds; 60 Pounds; 6 Pounds; 4000 Pounds; 20 Pounds; 200 Pounds; 200 Pounds; 300 Pounds; 2 Pounds; 650 Pounds; 80 Pounds; 540 Pounds; 185 Pounds; 800 Pounds; 80 Pounds; 750 Pounds; 4600 Pounds; 100 Pounds; 150 Pounds; 400 Pounds; 40 Pounds; 7021 Pounds; 200 Pounds; 50 Pounds; 1800 Pounds; 600 Pounds; 328 Pounds; 17400 Pounds; 11000 Pounds; 8632 Pounds; 350 Pounds; 250 Pounds; 2000 Pounds; 100 Pounds; 275 Gallons; 20 Pounds; 90 Pounds; 350 Pounds; 6750 Pounds; 250 Pounds; 1000 Pounds; 6300 Pounds; 1800 Pounds; 40 Pounds; 20 Pounds; 10 Pounds; 7636 Pounds; 6276 Pounds; 100 Pounds; 50 Pounds; 150 Pounds; 1000 Pounds; 22 Pounds; 75 Pounds; 3500 Pounds; 1 Pounds; 200 Pounds; 4500 Pounds; 50 Pounds; 5200 Pounds; 6 Pounds; 25 Pounds; 250 Pounds; 10 Pounds; 400 Pounds; 80 Pounds; 350 Pounds; 200 Pounds; 10 Pounds; 1 Pounds; 3600 Pounds; 150 Pounds; 17600 Pounds; 200 Pounds; 2 Pounds; 40 Pounds; 30 Pounds; 3000 Pounds; 8 Pounds; 150 Pounds; 7600 Pounds; 40 Pounds; 100 Pounds; 150 Pounds; 10 Pounds; 25 Pounds; 40 Pounds; 1000 Pounds; 250 Pounds; 1000 Pounds; 498 Pounds; 200 Pounds; 80 Pounds; 17200 Pounds; 100 Pounds; 200 Pounds; 400 Pounds; 10 Pounds; 1 Pounds; 40 Pounds; 200 Pounds; 400 Pounds; 10 Pounds; 40 Pounds; 15 Pounds; 4 Pounds; 6 Pounds; 5 Pounds; 100 Pounds; 10 Pounds; 160 Pounds; 160 Pounds; 300 Pounds; 4000 Pounds; 150 Pounds; 20 Pounds; 40 Pounds; 7600 Pounds; 15600 Pounds; 1600 Pounds; 3000 Pounds; 5600 Pounds; 900 Pounds; 200 Pounds; 682 Pounds; 5400 Pounds; 50 Pounds; 3 Pounds; 40 Pounds; 750 Pounds; 1000 Pounds; 24800 Pounds; 3661 Pounds; 250 Pounds; 30 Pounds; 100 Pounds; 150 Pounds; 80 Pounds; 500 Pounds; 300 Pounds; 200 Pounds; 500 Pounds; 500 Pounds; 50 Pounds; 150 Pounds; 200 Pounds; 1 Pounds; 10 Pounds; 200 Pounds; 3200 Pounds; 600 Pounds; 5 Pounds

1991: 500 Pounds; 250 Pounds; 400 Pounds; 30 Pounds; 50 Pounds; 75 Pounds; 80 Pounds; 11 Pounds; 3300 Pounds; 100 Pounds; 7 Pounds; 40 Pounds; 200 Pounds; 3 Pounds; 40 Pounds; 55 Gallons; 1600 Pounds; 10 Pounds; 150 Pounds; 187 Pounds; 200 Pounds; 400 Pounds; 20 Pounds; 250 Pounds; 30 Pounds; 150 Pounds; 150 Pounds; 40 Pounds; 80 Pounds; 40 Pounds; 400 Pounds; 15 Pounds; 80 Pounds; 500 Pounds; 50 Pounds; 100 Pounds; 20 Pounds; 100 Pounds; 200 Pounds; 400 Pounds; 400 Pounds; 12000 Pounds; 3600 Pounds; 300 Pounds; 1250 Pounds; 50 Pounds; 30 Pounds; 16800 Pounds; 50 Pounds; 100 Pounds; 1000 Pounds; 2 Pounds; 75 Pounds; 3 Pounds; 10 Pounds; 4 Pounds; 400 Pounds; 500 Pounds; 75 Pounds; 120 Pounds; 2 Pounds; 40 Pounds; 50 Pounds; 80 Pounds; 100 Pounds; 1760 Pounds; 150 Pounds; 1000 Pounds; 800 Pounds; 116 Pounds; 5 Pounds; 120 Pounds; 400 Pounds; 600 Pounds; 800 Pounds; 40 Pounds; 100 Pounds; 150 Pounds; 800 Pounds; 400 Pounds; 100 Pounds; 100 Pounds; 1250 Pounds; 80 Pounds; 200 Pounds; 40 Pounds; 20 Pounds; 40 Pounds; 40 Pounds; 12 Pounds; 40 Pounds; 230 Pounds; 10 Pounds; 9 Pounds; 1 Pounds; 20 Pounds; 10 Pounds; 300 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 10 Pounds; 80 Pounds; 150 Pounds; 20 Pounds; 40 Pounds; 2 Pounds; 100 Pounds; 280 Pounds; 400 Pounds; 35 Pounds; 40 Pounds; 2 Pounds; 32 Pounds; 50 Pounds; 2 Pounds; 20 Pounds; 30 Pounds; 50 Pounds; 100 Pounds; 150 Pounds; 160 Pounds; 50 Pounds; 11250 Pounds; 400 Pounds; 489 Pounds; 40 Pounds; 1250 Pounds; 400 Pounds; 5 Pounds; 22 Pounds; 500 Pounds; 40 Pounds; 200 Pounds; 50 Pounds; 25 Pounds; 29200 Pounds; 75 Pounds; 1600 Pounds; 40 Pounds; 40 Pounds; 30 Pounds; 160 Pounds; 120 Pounds; 40 Pounds; 150 Pounds; 80 Pounds; 120 Pounds; 60 Pounds; 100 Pounds; 40 Pounds; 20 Pounds; 100 Pounds; 50 Pounds; 5 Pounds; 4 Pounds; 80 Pounds; 800 Pounds; 1800 Pounds; 100 Pounds; 10 Pounds; 5 Pounds; 80 Pounds; 20 Pounds; 15 Pounds; 120 Pounds; 200 Pounds; 150 Pounds; 60 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 5 Pounds; 150 Pounds; 400 Pounds; 400 Pounds; 80 Pounds; 10 Pounds; 40 Pounds; 74 Pounds; 5 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 20 Pounds; 2 Pounds; 1 Pounds; 40 Pounds; 30 Pounds; 2 Pounds; 40 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 1 Pounds; 1970 Pounds; 80 Pounds; 3 Pounds; 100 Pounds; 7600 Pounds; 300 Pounds; 500 Pounds; 900 Pounds; 4500 Pounds; 20897 Pounds; 21516 Pounds; 5200 Pounds; 400 Pounds; 1200 Pounds; 1500 Pounds; 375 Pounds; 500 Pounds; 4500 Pounds; 1500 Pounds; 80 Pounds; 500 Pounds; 6000 Pounds; 1 Pounds; 100 Pounds; 200 Pounds; 120 Pounds; 240 Pounds; 40 Pounds; 720 Pounds; 600 Pounds; 40 Pounds; 80 Pounds; 632 Pounds; 40 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 400 Pounds; 40 Pounds; 40 Pounds; 82 Pounds; 5 Pounds; 855 Pounds; 14700 Pounds; 1600 Pounds; 300 Pounds; 40 Pounds; 400 Pounds; 5800 Pounds; 400 Pounds; 2500 Pounds; 8200 Pounds; 200 Pounds; 400 Pounds; 549 Pounds; 1 Pounds; 1 Pounds; 10 Pounds; 40 Pounds; 450 Pounds; 8 Pounds; 30 Pounds; 40 Pounds; 40 Pounds; 1250 Pounds; 1900 Pounds; 800 Pounds; 400 Pounds; 1500 Pounds; 75 Pounds; 150 Pounds; 200 Pounds; 15 Pounds; 100 Pounds; 200 Pounds; 120 Pounds; 10 Pounds; 200 Pounds; 800 Pounds; 40 Pounds; 400 Pounds; 912 Pounds; 200 Pounds; 3 Pounds; 1200 Pounds; 800 Pounds; 500 Pounds; 400 Pounds; 120 Pounds; 1500 Pounds; 150 Pounds; 500 Pounds; 400 Pounds; 160 Pounds; 250 Pounds; 439 Pounds; 400 Pounds; 600 Pounds; 245 Pounds; 400 Pounds; 120 Pounds; 4 Pounds; 1650 Gallons; 800 Pounds

1992: 100 Pounds; 200 Pounds; 10 Pounds; 10 Pounds; 3 Pounds; 10 Pounds; 8 Pounds; 30 Pounds; 1000 Pounds; 400 Pounds; 30 Pounds; 75 Pounds; 200 Pounds; 120 Pounds; 30 Pounds; 150 Pounds; 800 Pounds; 400 Pounds; 18400 Pounds; 1600 Pounds; 175 Pounds; 4600 Pounds; 6000 Pounds; 6000 Pounds; 50 Pounds; 900 Pounds; 250 Pounds; 165 Pounds; 40 Pounds; 80 Pounds; 40 Pounds; 50 Pounds; 400 Pounds; 40 Pounds; 5 Pounds; 200 Pounds; 400 Pounds; 800 Pounds; 100 Pounds; 75 Pounds; 75 Pounds; 20 Pounds; 800 Pounds; 14 Pounds; 50 Pounds; 80 Pounds; 100 Pounds; 1600 Pounds; 500 Pounds; 100 Pounds; 300 Pounds; 40 Pounds; 55 Pounds; 100 Pounds; 200 Pounds; 150 Pounds; 10 Pounds; 120 Pounds; 40 Pounds; 80 Pounds; 160 Pounds; 100 Pounds; 80 Pounds; 40 Pounds; 400 Pounds; 10 Pounds; 63 Pounds; 30 Pounds; 40 Pounds; 100 Pounds; 400 Pounds; 80 Pounds; 150 Pounds; 80 Pounds; 40 Pounds; 1 Pounds; 40 Pounds; 100 Pounds; 150 Pounds; 75 Pounds; 30 Pounds; 20 Pounds; 75 Pounds; 100 Pounds; 13000 Pounds; 4000 Pounds; 20 Pounds; 40 Pounds; 925 Pounds; 27800 Pounds; 400 Pounds; 8 Pounds; 150 Pounds; 50 Pounds; 40 Pounds; 200 Pounds; 10 Pounds; 40 Pounds; 40 Pounds; 20 Pounds; 8000 Pounds; 200 Pounds; 400 Pounds; 13800 Pounds; 5 Pounds; 325 Pounds; 120 Pounds; 11 Pounds; 60 Pounds; 4000 Pounds; 300 Pounds; 2200 Pounds; 1000 Pounds; 120 Pounds; 400 Pounds; 10 Pounds; 100 Pounds; 12 Pounds; 30 Pounds; 30 Pounds; 150 Pounds; 15 Pounds; 11200 Pounds; 200 Pounds; 40 Pounds; 120 Pounds; 750 Pounds; 30 Pounds; 100 Pounds; 100 Pounds; 150 Pounds; 200 Pounds; 3600 Pounds; 1400 Pounds; 1600 Pounds; 350 Pounds; 30 Pounds; 60 Pounds; 100 Pounds; 80 Pounds; 80 Pounds; 500 Pounds; 50 Pounds; 7600 Pounds; 250 Pounds; 7400 Pounds; 40 Pounds; 40 Pounds; 60 Pounds; 300 Pounds; 100 Pounds; 40 Pounds; 3 Pounds; 320 Pounds; 100 Pounds; 75 Pounds; 10 Pounds; 400 Pounds; 250 Pounds; 500 Pounds; 2 Pounds; 50 Pounds; 290 Pounds; 60 Pounds; 150 Pounds; 15 Pounds; 65 Pounds; 40 Pounds; 2000 Pounds; 6300 Pounds; 8 Pounds; 50 Pounds; 10 Pounds; 40 Pounds; 40 Pounds; 1 Pounds; 1 Pounds; 50 Pounds; 600 Pounds; 4 Pounds; 80 Pounds; 100 Pounds; 120 Pounds; 120 Pounds; 750 Pounds; 150 Pounds; 75 Pounds; 40 Pounds; 100 Pounds; 200 Pounds; 150 Pounds; 29 Pounds; 250 Pounds; 50 Pounds; 10 Pounds; 30 Pounds; 80 Pounds; 400 Pounds; 150 Pounds; 40 Pounds; 300 Pounds; 600 Pounds; 100 Pounds; 600 Pounds; 100 Pounds; 1000 Pounds; 800 Pounds; 6000 Pounds; 2440 Pounds; 650 Pounds; 300 Pounds; 900 Pounds; 75 Pounds; 75 Pounds; 1200 Pounds; 100 Pounds; 43648 Pounds; 43648 Pounds; 43648 Pounds; 2200 Pounds; 33000 Pounds; 13200 Pounds; 35200 Pounds; 28000 Pounds; 2 Pounds; 760 Pounds; 3 Pounds; 75 Pounds; 4800 Pounds; 600 Pounds; 300 Pounds; 25000 Pounds; 15500 Pounds; 760 Pounds; 8800 Pounds; 800 Pounds; 40 Pounds; 400 Pounds; 350 Pounds; 5800 Pounds; 8000 Pounds; 5 Pounds; 6 Pounds; 40 Pounds; 80 Pounds; 450 Pounds; 800 Pounds; 6200 Pounds; 2000 Pounds; 6800 Pounds; 29150 Pounds; 80 Pounds; 40 Pounds; 200 Pounds; 35200 Pounds; 32400 Pounds; 9600 Pounds; 35200 Pounds; 49020 Pounds; 800 Pounds; 17600 Pounds; 17600 Pounds; 12 Pounds; 12200 Pounds; 400 Pounds; 14400 Pounds; 800 Pounds; 75 Pounds; 800 Pounds; 635 Pounds; 400 Pounds; 200 Pounds; 300 Pounds; 600 Pounds; 300 Pounds; 2000 Pounds; 64 Pounds; 2500 Pounds; 1300 Pounds; 500 Pounds; 2720 Pounds; 5 Pounds; 400 Pounds; 400 Pounds; 35200 Pounds; 44000 Pounds; 22600 Pounds; 26800 Pounds; 21200 Pounds; 14400 Pounds; 2400 Pounds; 25000 Pounds; 23800 Pounds; 25 Pounds; 100 Pounds; 400 Pounds; 80 Pounds; 8000 Pounds; 200 Pounds; 400 Pounds; 75 Pounds; 1600 Pounds; 25600 Pounds; 20000 Pounds; 100 Pounds; 26000 Pounds; 36400 Pounds; 18000 Pounds; 750 Pounds; 5600 Pounds; 24000 Pounds; 22600 Pounds; 100 Pounds; 19800 Pounds; 400 Pounds; 4800 Pounds; 12200 Pounds; 100 Pounds; 23400 Pounds; 35 Pounds; 100 Pounds; 75 Pounds; 600 Pounds; 450 Pounds; 7 Pounds; 4800 Pounds; 140 Pounds; 15000 Pounds; 400 Pounds; 6000 Pounds; 80 Pounds; 13000 Pounds; 11 Pounds; 27207 Pounds; 50 Pounds; 80 Pounds; 40 Pounds; 100 Pounds; 400 Pounds; 100 Pounds; 1200 Pounds; 400 Pounds; 3 Pounds; 2 Pounds; 40 Pounds; 40 Pounds; 100 Pounds; 450 Pounds; 992 Pounds; 100 Pounds; 700 Pounds; 45 Pounds; 1200 Pounds; 35200 Pounds; 1400 Pounds; 39600 Pounds; 2600 Pounds; 250 Pounds; 225 Pounds; 400 Pounds; 300 Pounds; 800 Pounds; 200 Pounds; 500 Pounds; 100 Pounds; 50 Pounds; 100 Pounds; 53 Pounds; 75 Pounds; 400 Pounds; 43648 Pounds; 43648 Pounds; 207 Pounds; 800 Pounds; 400 Pounds; 60 Pounds; 100 Pounds; 400 Pounds; 150 Pounds; 200 Pounds; 2600 Pounds; 20 Pounds; 34000 Pounds; 29800 Pounds; 14800 Pounds; 18400 Pounds; 40 Pounds; 1200 Pounds; 200 Pounds; 40 Pounds; 10 Pounds; 1200 Pounds; 100 Pounds; 21200 Pounds; 2 Pounds; 140 Pounds; 40 Pounds; 90 Pounds; 250 Pounds; 100 Pounds; 40 Pounds; 20 Pounds; 5000 Pounds; 400 Pounds; 200 Pounds; 1200 Pounds; 50 Pounds; 80 Pounds; 1262 Pounds; 4000 Pounds; 30000 Pounds; 100 Pounds; 35200 Pounds; 20 Pounds; 80 Pounds; 100 Pounds; 400 Pounds; 5 Pounds; 40 Pounds; 10 Pounds; 400 Pounds; 13600 Pounds; 150 Pounds; 13000 Pounds; 50 Pounds; 150 Pounds; 600 Pounds; 8200 Pounds; 10619 Pounds; 1000 Pounds; 300 Pounds; 100 Pounds; 150 Pounds

1993: 75 Pounds; 600 Pounds; 300 Pounds; 1400 Pounds; 400 Pounds; 10 Pounds; 40 Pounds; 30 Pounds; 1 Pounds; 100 Pounds; 100 Pounds; 80 Pounds; 200 Pounds; 40 Pounds; 100 Pounds; 200 Pounds; 240 Pounds; 200 Pounds; 5 Pounds; 30 Pounds; 5 Pounds; 1 Pounds; 20 Pounds; 200 Pounds; 120 Pounds; 80 Pounds; 20 Pounds; 325 Pounds; 200 Pounds; 5 Pounds; 250 Pounds; 50 Pounds; 1100 Pounds; 25 Pounds; 80 Pounds; 10 Pounds; 80 Pounds; 40 Pounds; 300 Pounds; 160 Pounds; 120 Pounds; 20 Pounds; 40 Pounds; 400 Pounds; 2400 Pounds; 440 Pounds; 80 Pounds; 200 Pounds; 100 Pounds; 40 Pounds; 10 Pounds; 100 Pounds; 1 Pounds; 400 Pounds; 2400 Pounds; 40 Pounds; 400 Pounds; 880 Pounds; 200 Pounds; 30 Pounds; 120 Pounds; 120 Pounds; 40 Pounds; 120 Pounds; 20 Pounds; 150 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 20 Pounds; 40 Pounds; 40 Pounds; 500 Pounds; 29 Pounds; 40 Pounds; 2 Pounds; 50 Pounds; 300 Pounds; 40 Pounds; 3 Pounds; 20 Pounds; 120 Pounds; 1 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 20 Pounds; 75 Pounds; 150 Pounds; 30 Pounds; 30 Pounds; 75 Pounds; 150 Pounds; 40 Pounds; 10 Pounds; 60 Pounds; 40 Pounds; 30 Pounds; 3 Pounds; 200 Pounds; 30 Pounds; 2300 Pounds; 2 Pounds; 10 Pounds; 200 Pounds; 800 Pounds; 200 Pounds; 15 Pounds; 10 Pounds; 60 Pounds; 5 Pounds; 80 Pounds; 40 Pounds; 60 Pounds; 80 Pounds; 20 Pounds; 10 Pounds; 80 Pounds; 20 Pounds; 30 Pounds; 30 Pounds; 15 Pounds; 560 Pounds; 900 Pounds; 20 Pounds; 75 Pounds; 400 Pounds; 30 Pounds; 20 Pounds; 360 Pounds; 240 Pounds; 400 Pounds; 30 Pounds; 100 Pounds; 200 Pounds; 20 Pounds; 135 Pounds; 30 Pounds; 240 Pounds; 240 Pounds; 10 Pounds; 5 Pounds; 1 Pounds; 20 Pounds; 200 Pounds; 10 Pounds; 150 Pounds; 80 Pounds; 30 Pounds; 40 Pounds; 50 Pounds; 60 Pounds; 75 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 1600 Pounds; 50 Pounds; 3 Pounds; 50 Pounds; 300 Pounds; 88 Pounds; 50 Pounds; 2000 Pounds; 1600 Pounds; 200 Pounds; 120 Pounds; 2760 Pounds; 650 Pounds; 1600 Pounds; 1500 Pounds; 350 Pounds; 50 Pounds; 200 Pounds; 10 Pounds; 200 Pounds; 10 Pounds; 100 Pounds; 80 Pounds; 400 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 160 Pounds; 300 Pounds; 40 Pounds; 10 Pounds; 10 Pounds; 40 Pounds; 22 Pounds; 80 Pounds; 100 Pounds; 1 Pounds; 10 Pounds; 300 Pounds; 100 Pounds; 520 Pounds; 50 Pounds; 300 Pounds; 20 Pounds; 150 Pounds; 1600 Pounds; 40 Pounds; 150 Pounds; 1 Pounds; 600 Pounds; 50 Pounds; 250 Pounds; 10 Pounds; 150 Pounds; 50 Pounds; 560 Pounds; 40 Pounds; 30 Pounds; 800 Pounds; 400 Pounds; 100 Pounds; 25 Pounds; 20 Pounds; 30 Pounds; 500 Pounds; 300 Pounds; 128 Pounds; 400 Pounds; 20 Pounds; 800 Pounds; 30 Pounds; 300 Pounds; 1400 Pounds; 150 Pounds; 880 Pounds; 250 Pounds; 50 Pounds; 40 Pounds; 550 Pounds; 80 Pounds; 500 Pounds; 400 Pounds; 150 Pounds; 2 Pounds; 2480 Pounds; 20 Pounds; 1 Pounds; 120 Pounds; 4910 Pounds; 30 Pounds; 800 Pounds; 15 Pounds; 3600 Pounds; 200 Pounds; 900 Pounds; 600 Pounds; 3760 Pounds; 1200 Pounds; 300 Pounds; 500 Pounds; 20 Pounds; 5 Pounds; 120 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 240 Pounds; 120 Pounds; 550 Pounds; 600 Pounds; 1100 Pounds; 250 Pounds; 4950 Pounds; 300 Pounds; 20 Pounds; 400 Pounds; 350 Pounds; 5 Pounds; 60 Pounds; 400 Pounds; 15 Pounds; 700 Pounds; 5 Pounds; 10 Pounds; 400 Pounds

1994: 1 Pounds; 800 Pounds; 200 Pounds; 25 Pounds; 20 Pounds; 1 Pounds; 5 Pounds; 150 Pounds; 150 Pounds; 440 Pounds; 400 Pounds; 280 Pounds; 40 Pounds; 8 Pounds; 2 Pounds; 40 Pounds; 7 Pounds; 5 Pounds; 80 Pounds; 100 Pounds; 40 Pounds; 1 Pounds; 15 Pounds; 20 Pounds; 5 Pounds; 8 Pounds; 2 Pounds; 900 Pounds; 10 Pounds; 5 Pounds; 20 Pounds; 40 Pounds; 30 Pounds; 240 Pounds; 80 Pounds; 40 Pounds; 10 Pounds; 30 Pounds; 40 Pounds; 150 Pounds; 40 Pounds; 1 Pounds; 10 Pounds; 1250 Pounds; 300 Pounds; 300 Pounds; 750 Pounds; 1500 Pounds; 80 Pounds; 150 Pounds; 350 Pounds; 250 Pounds; 120 Pounds; 400 Pounds; 400 Pounds; 450 Pounds; 900 Pounds; 80 Pounds; 150 Pounds; 1440 Pounds; 150 Pounds; 75 Pounds; 250 Pounds; 440 Pounds; 50 Pounds; 50 Pounds; 10 Pounds; 30 Pounds; 50 Pounds; 240 Pounds; 80 Pounds; 10 Pounds; 200 Pounds; 250 Pounds; 3 Pounds; 400 Pounds; 100 Pounds; 30 Pounds; 200 Pounds; 600 Pounds; 440 Pounds; 3 Pounds; 75 Pounds; 840

Pounds; 40 Pounds; 240 Pounds; 5 Pounds; 200 Pounds; 400 Pounds; 4 Pounds; 40 Pounds; 30 Pounds; 400 Pounds; 30 Pounds; 400 Pounds; 6000 Pounds; 10 Pounds; 150 Pounds; 40 Pounds; 10 Pounds; 20 Pounds; 500 Pounds; 1300 Pounds; 40 Pounds; 10 Pounds; 15 Pounds; 50 Pounds; 40 Pounds; 3200 Pounds; 3300 Pounds; 800 Pounds; 150 Pounds; 400 Pounds; 3900 Pounds; 350 Pounds; 3240 Pounds; 30 Pounds; 4000 Pounds; 40 Pounds; 400 Pounds; 150 Pounds; 1500 Pounds; 10 Pounds; 2000 Pounds; 10 Pounds; 100 Pounds; 560 Pounds; 300 Pounds; 2 Pounds; 150 Pounds; 400 Pounds; 400 Pounds; 400 Pounds; 600 Pounds; 10 Pounds; 4660 Pounds; 3500 Pounds; 950 Pounds; 400 Pounds; 10 Pounds; 3200 Pounds; 240 Pounds; 400 Pounds; 280 Pounds; 1500 Pounds; 20 Pounds; 30 Pounds; 80 Pounds; 15 Pounds; 40 Pounds; 240 Pounds; 17 Pounds; 200 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 40 Pounds; 50 Pounds; 30 Pounds; 40 Pounds; 5 Pounds; 2 Pounds; 1 Pounds; 60 Pounds; 10 Pounds; 400 Pounds; 800 Pounds; 100 Pounds; 400 Pounds; 600 Pounds; 320 Pounds; 120 Pounds; 20 Pounds; 10 Pounds; 10 Pounds; 150 Pounds; 800 Pounds; 3280 Pounds; 3600 Pounds; 100 Pounds; 80 Pounds; 75 Pounds; 200 Pounds; 2640 Pounds; 3245 Pounds; 500 Pounds; 400 Pounds; 1350 Pounds; 40 Pounds; 30 Pounds; 600 Pounds; 80 Pounds; 800 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 300 Pounds; 120 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 350 Pounds; 100 Pounds; 1500 Pounds; 20 Pounds; 160 Pounds; 40 Pounds; 1080 Pounds; 350 Pounds; 15 Pounds; 20 Pounds; 160 Pounds; 350 Pounds; 680 Pounds; 400 Pounds; 2000 Pounds; 100 Pounds; 450 Pounds; 10 Pounds; 40 Pounds; 400 Pounds; 12 Pounds; 30 Pounds; 44 Pounds; 40 Pounds; 40 Pounds; 100 Pounds; 51 Pounds; 20 Pounds; 20 Pounds; 200 Pounds; 100 Pounds; 20 Pounds; 100 Pounds; 150 Pounds; 40 Pounds; 4240 Pounds; 1 Pounds; 50 Pounds; 480 Pounds; 120 Pounds; 30 Pounds; 24 Pounds; 3640 Pounds; 700 Pounds; 20 Pounds; 1200 Pounds; 240 Pounds; 550 Pounds; 30 Pounds; 200 Pounds; 5 Pounds; 100 Pounds; 800 Pounds; 5 Pounds; 2640 Pounds; 2840 Pounds; 150 Pounds; 350 Pounds; 1600 Pounds; 240 Pounds; 400 Pounds; 300 Pounds; 3600 Pounds; 2500 Pounds; 1200 Pounds; 50 Pounds; 600 Pounds; 10 Pounds; 20 Pounds; 50 Pounds; 10 Pounds; 30 Pounds; 800 Pounds; 240 Pounds; 50 Pounds; 640 Pounds; 3 Pounds; 60 Pounds; 600 Pounds; 40 Pounds; 40 Pounds; 250 Pounds; 10 Pounds; 200 Pounds; 40 Pounds; 40 Pounds; 1600 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 100 Pounds; 50 Pounds; 900 Pounds

1995: 400 Pounds; 1000 Pounds; 40 Pounds; 1280 Pounds; 120 Pounds; 250 Pounds; 10 Pounds; 40 Pounds; 2630 Pounds; 20 Pounds; 200 Pounds; 40 Pounds; 640 Pounds; 800 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 120 Pounds; 40 Pounds; 200 Pounds; 6 Pounds; 40 Pounds; 40 Pounds; 100 Pounds; 80 Pounds; 80 Pounds; 200 Pounds; 400 Pounds; 720 Pounds; 480 Pounds; 150 Pounds; 20 Pounds; 150 Pounds; 40 Pounds; 10 Pounds; 40 Pounds; 1200 Pounds; 40 Pounds; 1250 Pounds; 300 Pounds; 30 Pounds; 800 Pounds; 5 Pounds; 30 Pounds; 9 Pounds; 4000 Pounds; 560 Pounds; 1200 Pounds; 30 Pounds; 40 Pounds; 160 Pounds; 80 Pounds; 1200 Pounds; 10 Pounds; 2640 Pounds; 40 Pounds; 350 Pounds; 150 Pounds; 50 Pounds; 40 Pounds; 20 Pounds; 240 Pounds; 2 Pounds; 80 Pounds; 15 Pounds; 150 Pounds; 100 Pounds; 30 Pounds; 1 Pounds; 80 Pounds; 250 Pounds; 80 Pounds; 40 Pounds; 200 Pounds; 30 Pounds; 80 Pounds; 10 Pounds; 200 Pounds; 30 Pounds; 100 Pounds; 200 Pounds; 800 Pounds; 60 Pounds; 5 Pounds; 20 Pounds; 80 Pounds; 120 Pounds; 1200 Pounds; 150 Pounds; 8 Pounds; 2000 Pounds; 40 Pounds; 300 Pounds; 200 Pounds; 2 Pounds; 100 Pounds; 240 Pounds; 200 Pounds; 200 Pounds; 1420 Pounds; 40 Pounds; 240 Pounds; 160 Pounds; 800 Pounds; 400 Pounds; 3040 Pounds; 800 Pounds; 3000 Pounds; 1000 Pounds; 2500 Pounds; 500 Pounds; 400 Pounds; 29 Pounds; 4300 Pounds; 80 Pounds; 400 Pounds; 720 Pounds; 40 Pounds; 175 Pounds; 240 Pounds; 10 Pounds; 10 Pounds; 50 Pounds; 500 Pounds; 300 Pounds; 320 Pounds; 8 Pounds; 125 Pounds; 200 Pounds; 40 Pounds; 80 Pounds; 3 Pounds; 60 Pounds; 120 Pounds; 200 Pounds; 40 Pounds; 250 Pounds; 1600 Pounds; 40 Pounds; 40 Pounds; 400 Pounds; 3250 Pounds; 200 Pounds; 2920 Pounds; 5 Pounds; 80 Pounds; 200 Pounds; 60 Pounds; 5 Pounds; 20 Pounds; 2230 Pounds; 1120 Pounds; 40 Pounds; 240 Pounds; 80 Pounds; 200 Pounds; 40 Pounds; 240 Pounds; 40 Pounds; 400 Pounds; 1500 Pounds; 240 Pounds; 40 Pounds; 10 Pounds; 150 Pounds; 80 Pounds; 800 Pounds; 2080 Pounds; 500 Pounds; 10 Pounds; 240 Pounds; 20 Pounds; 150 Pounds; 100 Pounds; 5 Pounds; 2 Pounds; 80 Pounds; 30 Pounds; 100 Pounds; 40 Pounds; 300 Pounds; 50 Pounds; 30 Pounds; 250 Pounds; 40 Pounds; 400 Pounds; 30 Pounds; 200 Pounds; 20 Pounds; 10 Pounds; 40 Pounds; 40 Pounds; 80 Pounds; 200 Pounds; 20 Pounds; 40 Pounds; 200 Pounds; 5400 Pounds; 440 Pounds; 50 Pounds; 50 Pounds; 150 Pounds; 10 Pounds; 40 Pounds; 100 Pounds; 5 Pounds; 8 Pounds; 400 Pounds; 300 Pounds; 4 Pounds; 80 Pounds; 5 Pounds; 20 Pounds; 40 Pounds; 120 Pounds; 10 Pounds; 40 Pounds; 100 Pounds; 400 Pounds; 80 Pounds; 30 Pounds; 150 Pounds; 375 Pounds; 200 Pounds; 10 Pounds; 80 Pounds; 40 Pounds; 50 Pounds; 8 Pounds; 80 Pounds; 150 Pounds; 40 Pounds; 320 Pounds; 30 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 5 Pounds; 150 Pounds; 40 Pounds; 800 Pounds; 200 Pounds; 150 Pounds; 30 Pounds; 40 Pounds; 80 Pounds; 800 Pounds; 10 Pounds; 40 Pounds; 180 Pounds; 40 Pounds; 80 Pounds; 20 Pounds

1996: 4 Pounds; 40 Pounds; 120 Pounds; 475 Pounds; 30 Pounds; 15 Pounds; 10 Pounds; 40 Pounds; 100 Pounds; 150 Pounds; 40 Pounds; 20 Pounds; 200 Pounds; 75 Pounds; 250 Pounds; 50 Pounds; 40 Pounds; 20 Pounds; 40 Pounds; 20 Pounds; 50 Pounds; 110 Pounds; 100 Pounds; 50 Pounds; 80 Pounds; 10 Pounds; 10 Pounds; 600 Pounds; 1 Pounds; 30 Pounds; 1 Pounds; 400 Pounds; 600 Pounds; 25 Pounds; 200 Pounds; 400 Pounds; 150 Pounds; 40 Pounds; 225 Pounds; 2600 Pounds; 400 Pounds; 7 Pounds; 200 Pounds; 1 Pounds; 20 Pounds; 400 Pounds; 400 Pounds; 50 Pounds; 130 Pounds; 200 Pounds; 4000 Pounds; 30 Pounds; 20 Pounds; 18 Pounds; 100 Pounds; 5 Pounds; 60 Pounds; 80 Pounds; 80 Pounds; 100 Pounds; 50 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 420 Pounds; 200 Pounds; 40 Pounds; 20 Pounds; 30 Pounds; 900 Pounds; 10 Pounds; 80 Pounds; 80 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 9 Pounds; 20 Pounds; 120 Pounds; 200 Pounds; 40 Pounds; 110 Pounds; 3 Pounds; 40 Pounds; 40 Pounds; 220 Pounds; 40 Pounds; 200 Pounds; 100 Pounds; 200 Pounds; 40 Pounds; 360 Pounds; 40 Pounds; 75 Pounds; 50 Pounds; 50 Pounds; 4 Pounds; 90 Pounds; 70 Pounds; 16 Pounds; 200 Pounds; 55 Gallons; 110 Gallons; 55 Gallons; 55 Gallons; 280 Pounds; 10 Pounds; 10 Pounds; 8000 Pounds; 25 Pounds; 200 Pounds; 225 Pounds; 160 Pounds; 110 Pounds; 110 Pounds; 9000 Pounds; 2400 Pounds; 50 Pounds; 20 Pounds; 5 Pounds; 320 Pounds; 75 Pounds; 40 Pounds; 280 Pounds; 80 Pounds; 50 Pounds; 800 Pounds; 800 Pounds; 2000 Pounds; 600 Pounds; 600 Pounds; 120 Pounds; 320 Pounds; 50 Pounds; 165 Pounds; 2080 Pounds; 3 Pounds; 1400 Pounds; 500 Pounds; 50 Pounds; 105 Pounds; 200 Pounds; 10 Pounds; 80 Pounds; 100 Pounds; 1 Pounds; 50 Pounds; 34 Pounds; 800 Pounds; 100 Pounds; 240 Pounds; 20 Pounds; 400 Pounds; 250 Pounds; 1840 Pounds; 40 Pounds; 400 Pounds; 800 Pounds; 100 Pounds; 800 Pounds; 320 Pounds; 125 Pounds; 3800 Pounds; 1100 Pounds; 680 Pounds; 50 Pounds; 10 Pounds; 50 Pounds; 300 Pounds; 300 Pounds; 30 Pounds; 200 Pounds; 40 Pounds; 60 Pounds; 50 Pounds; 200 Pounds; 400 Pounds; 120 Pounds; 900 Pounds; 40 Pounds; 40 Pounds; 10 Pounds; 2700 Pounds; 40 Pounds; 250 Pounds; 50 Pounds; 1000 Pounds; 5 Pounds; 850 Pounds; 30 Pounds; 185 Pounds; 2000 Pounds; 40 Pounds; 20 Pounds; 400 Pounds; 150 Pounds; 600 Pounds; 3 Pounds; 10 Pounds; 140 Pounds; 10 Pounds; 3800 Pounds; 240 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 40 Pounds; 185 Pounds; 40 Pounds; 425 Pounds; 100 Pounds; 200 Pounds; 300 Pounds; 4080 Pounds; 100 Pounds; 240 Pounds; 200 Pounds; 200 Pounds; 740 Pounds; 200 Pounds; 10000 Pounds; 275 Pounds; 120 Pounds; 10 Pounds; 400 Pounds; 95 Pounds; 1000 Pounds; 20 Pounds; 280 Pounds; 300 Pounds; 55 Pounds; 200 Pounds; 175 Pounds; 8 Pounds; 40 Pounds; 40 Pounds; 110 Gallons; 100 Pounds; 400 Pounds; 20 Pounds; 10 Pounds; 80 Pounds; 450 Pounds; 850 Pounds; 40 Pounds; 75 Pounds; 150 Pounds; 5 Pounds; 10 Pounds; 125 Pounds; 400 Pounds; 40 Pounds; 120 Pounds; 75 Pounds; 200 Pounds; 25 Pounds; 400 Pounds; 100 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 75 Pounds; 40 Pounds; 60 Pounds; 10 Pounds; 2 Pounds; 100 Pounds; 200 Pounds; 240 Pounds; 40 Pounds; 100 Pounds; 400 Pounds; 400 Pounds; 5 Pounds; 625 Pounds; 55 Gallons

1997: 20 Pounds; 20 Pounds; 10 Pounds; 25 Pounds; 400 Pounds; 2750 Pounds; 400 Pounds; 100 Pounds; 300 Pounds; 95 Pounds; 160 Pounds; 2400 Pounds; 165 Pounds; 2 Pounds; 400 Pounds; 450 Pounds; 150 Pounds; 8 Pounds; 20 Pounds; 1000 Pounds; 1 Pounds; 80 Pounds; 240 Pounds; 400 Pounds; 50 Pounds; 80 Pounds; 880 Pounds; 40 Pounds; 30 Pounds; 1000 Pounds; 10 Pounds; 100 Pounds; 5 Pounds; 150 Pounds; 500 Pounds; 500 Pounds; 200 Pounds; 50 Pounds; 28 Pounds; 160 Pounds; 10 Pounds; 200 Pounds; 200 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 235 Pounds; 50 Pounds; 320 Pounds; 50 Pounds; 5 Pounds; 60 Pounds; 25 Pounds; 200 Pounds; 100 Pounds; 50 Pounds; 75 Pounds; 50 Pounds; 133 Pounds; 120 Pounds; 20 Pounds; 40 Pounds; 30 Pounds; 15 Pounds; 50 Pounds; 5 Pounds; 960 Pounds; 350 Pounds; 3 Pounds; 150 Pounds; 100

Pounds; 100 Pounds; 50 Pounds; 150 Pounds; 20 Pounds; 100 Pounds; 15 Pounds; 100 Pounds; 200 Pounds; 100 Pounds; 1 Pounds; 50 Pounds; 50 Pounds; 400 Pounds; 10 Pounds; 30 Pounds; 50 Pounds; 150 Pounds; 200 Pounds; 40 Pounds; 5 Pounds; 40 Pounds; 10 Pounds; 10 Pounds; 10 Pounds; 160 Pounds; 880 Pounds; 50 Pounds; 150 Pounds; 5 Pounds; 400 Pounds; 30 Pounds; 880 Pounds; 20 Pounds; 75 Pounds; 75 Pounds; 960 Pounds; 15 Pounds; 200 Pounds; 20 Pounds; 250 Pounds; 20 Pounds; 1200 Pounds; 960 Pounds; 30 Pounds; 720 Pounds; 100 Pounds; 30 Pounds; 50 Pounds; 50 Pounds; 10 Pounds; 100 Pounds; 5 Pounds; 25 Pounds; 1200 Pounds; 50 Pounds; 50 Pounds; 20 Pounds; 50 Pounds; 800 Pounds; 50 Pounds; 800 Pounds; 350 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 5 Pounds; 50 Pounds; 10 Pounds; 150 Pounds; 150 Pounds; 150 Pounds; 55 Gallons; 50 Pounds; 20 Pounds; 30 Pounds; 2 Pounds; 40 Pounds; 150 Pounds; 5 Pounds; 10 Pounds; 20 Pounds; 200 Pounds; 50 Pounds; 4 Pounds; 200 Pounds; 80 Pounds; 5 Pounds; 30 Pounds; 475 Pounds; 40 Pounds; 40 Pounds; 20 Pounds; 1500 Pounds; 50 Pounds; 1 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 800 Pounds; 25 Pounds; 32 Gallons; 120 Pounds; 40 Pounds; 40 Pounds; 1120 Pounds; 100 Pounds; 40 Pounds; 40 Pounds; 50 Pounds; 50 Pounds; 65 Pounds; 1200 Pounds; 250 Pounds; 1 Pounds; 200 Pounds; 50 Pounds; 200 Pounds; 120 Pounds; 50 Pounds; 120 Pounds; 13 Pounds; 800 Pounds; 20 Pounds; 200 Pounds; 50 Pounds; 50 Pounds; 30 Pounds; 5 Pounds; 100 Pounds; 100 Pounds; 100 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 560 Pounds; 80 Pounds; 200 Pounds; 200 Pounds; 40 Pounds; 5 Pounds; 200 Pounds; 20 Pounds; 200 Pounds; 400 Pounds; 150 Pounds; 150 Pounds; 150 Pounds; 150 Pounds; 150 Pounds; 1200 Pounds; 100 Pounds; 40 Pounds; 20 Pounds; 1800 Pounds; 50 Pounds; 120 Pounds; 1000 Pounds; 80 Pounds; 200 Pounds; 120 Pounds; 180 Pounds; 150 Pounds; 450 Pounds; 160 Pounds; 150 Pounds; 1120 Pounds; 20 Pounds; 150 Pounds; 150 Pounds; 150 Pounds; 100 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 150 Pounds; 10 Pounds; 50 Pounds; 80 Pounds; 150 Pounds; 30 Pounds; 10 Pounds; 10 Pounds; 800 Pounds; 45 Pounds; 100 Pounds; 50 Pounds; 40 Pounds; 200 Pounds; 200 Pounds; 5 Pounds; 10 Pounds; 40 Pounds; 40 Pounds; 400 Pounds; 200 Pounds; 20 Pounds; 100 Pounds; 150 Pounds; 880 Pounds; 560 Pounds; 20 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 40 Pounds; 100 Pounds; 200 Pounds; 40 Pounds; 120 Pounds; 30 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 4000 Pounds; 30 Pounds; 200 Pounds; 60 Pounds; 800 Pounds; 50 Pounds; 400 Pounds; 600 Pounds; 1600 Pounds; 200 Pounds; 400 Pounds; 1500 Pounds; 80 Pounds; 5 Pounds; 160 Pounds; 20 Pounds; 400 Pounds; 900 Pounds; 30 Pounds; 50 Pounds; 50 Pounds; 400 Pounds; 400 Pounds; 120 Pounds; 100 Pounds; 400 Pounds; 5 Pounds; 50 Pounds; 5 Pounds; 45 Pounds; 400 Pounds; 50 Pounds; 10 Pounds; 3200 Pounds; 240 Pounds; 4000 Pounds; 800 Pounds; 128 Pounds; 1280 Pounds; 50 Pounds; 200 Pounds; 50 Pounds; 200 Pounds; 200 Pounds; 50 Pounds; 100 Pounds; 1120 Pounds; 1200 Pounds; 40 Pounds; 50 Pounds; 400 Pounds; 1120 Pounds; 1040 Pounds; 400 Pounds; 800 Pounds; 40 Pounds; 2200 Pounds; 100 Pounds; 480 Pounds; 4400 Pounds; 40 Pounds; 220 Pounds; 2450 Pounds; 10 Pounds; 2700 Pounds; 2400 Pounds; 100 Pounds; 20 Pounds; 150 Pounds; 100 Pounds; 400 Pounds; 160 Pounds; 5 Pounds; 40 Pounds; 30 Pounds; 40 Pounds; 800 Pounds; 20 Pounds; 200 Pounds; 20 Pounds; 50 Pounds; 16 Pounds; 100 Pounds; 50 Pounds; 20 Pounds; 10 Pounds; 2 Pounds; 400 Pounds; 330 Gallons; 165 Pounds; 64 Pounds; 45 Pounds; 15 Pounds; 5 Pounds; 400 Pounds; 120 Pounds; 400 Pounds; 1400 Pounds; 200 Pounds; 65 Pounds; 6 Pounds; 50 Pounds; 5 Pounds; 55 Gallons; 30 Pounds; 140 Pounds; 40 Pounds; 200 Pounds; 40 Pounds; 5 Pounds; 50 Pounds; 5 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 450 Pounds; 40 Pounds; 50 Pounds; 200 Pounds; 200 Pounds; 200 Pounds; 300 Pounds; 75 Pounds; 75 Pounds; 40 Pounds; 150 Pounds

1998: 30 Pounds; 40 Pounds; 40 Pounds; 200 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 8 Pounds; 55 Gallons; 5 Pounds; 140 Pounds; 1 Pounds; 40 Pounds; 50 Pounds; 10 Pounds; 400 Pounds; 80 Pounds; 80 Pounds; 200 Pounds; 10 Pounds; 50 Pounds; 150 Pounds; 40 Pounds; 100 Pounds; 40 Pounds; 100 Pounds; 40 Pounds; 180 Pounds; 50 Pounds; 50 Pounds; 240 Pounds; 40 Pounds; 8 Pounds; 50 Pounds; 3 Pounds; 1 Pounds; 100 Pounds; 720 Pounds; 5 Gallons; 1040 Pounds; 400 Pounds; 10 Pounds; 100 Pounds; 720 Pounds; 1120 Pounds; 160 Pounds; 10 Pounds; 50 Pounds; 2212 Pounds; 7 Pounds; 55 Gallons; 3 Pounds; 600 Pounds; 4 Pounds; 960 Pounds; 100 Pounds; 200 Pounds; 40 Pounds; 2 Pounds; 1120 Pounds; 960 Pounds; 30 Pounds; 9 Gallons; 160 Pounds; 8 Pounds; 50 Pounds; 50 Pounds; 50 Pounds; 100 Pounds; 5 Gallons; 300 Pounds; 150 Pounds; 1200 Pounds; 30 Pounds; 1280 Pounds; 5 Pounds; 20 Pounds; 5 Pounds; 5 Pounds; 200 Pounds; 5 Gallons; 10 Pounds; 30 Pounds; 50 Pounds; 2 Pounds; 100 Pounds; 10 Pounds; 200 Pounds; 50 Pounds; 50 Pounds; 20 Pounds; 10 Pounds; 100 Pounds; 25 Pounds; 40 Pounds; 240 Pounds; 1 Pounds; 150 Gallons; 30 Pounds; 50 Pounds; 5 Pounds; 50 Pounds; 50 Gallons; 55 Gallons; 750 Pounds; 200 Pounds; 3500 Pounds; 2 Pounds; 50 Pounds; 1400 Pounds; 4000 Pounds; 15 Pounds; 500 Pounds; 200 Pounds; 30 Pounds; 200 Pounds; 2400 Pounds; 100 Pounds; 50 Pounds; 50 Pounds; 20 Pounds; 50 Pounds; 100 Pounds; 110 Gallons; 10 Pounds; 400 Pounds; 10 Pounds; 400 Pounds; 220 Pounds; 50 Pounds; 80 Pounds; 25 Pounds; 50 Pounds; 25 Pounds; 1 Pounds; 2 Pounds; 8 Pounds; 1 Pounds; 5 Pounds; 40 Pounds; 40 Pounds; 40 Pounds; 2 Pounds; 27 Pounds; 3 Pounds; 10 Pounds; 5 Pounds; 60 Pounds; 50 Pounds; 50 Pounds; 1400 Pounds; 40 Pounds; 4200 Pounds; 150 Pounds; 240 Pounds; 100 Pounds; 720 Pounds; 800 Pounds; 640 Pounds; 200 Pounds; 800 Pounds; 250 Pounds; 200 Pounds; 400 Pounds; 50 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 800 Pounds; 200 Pounds; 800 Pounds; 5000 Pounds; 4000 Pounds; 80 Pounds; 506 Pounds; 250 Pounds; 600 Pounds; 200 Pounds; 20 Pounds; 2 Pounds; 44 Pounds; 1 Pounds; 200 Pounds; 250 Pounds; 400 Pounds; 200 Pounds; 20 Pounds; 8 Pounds; 332 Pounds; 1800 Pounds; 2000 Pounds; 4400 Pounds; 200 Pounds; 1200 Pounds; 15 Pounds; 5 Pounds; 1360 Pounds; 50 Pounds; 240 Pounds; 10 Pounds; 1040 Pounds; 800 Pounds; 1280 Pounds; 1040 Pounds; 25 Pounds; 100 Pounds; 5 Gallons; 1440 Pounds; 400 Pounds; 80 Pounds; 1 Pounds; 31 Pounds; 200 Pounds; 1 Pounds; 80 Pounds; 400 Pounds; 40 Pounds; 700 Pounds; 800 Pounds; 320 Pounds; 40 Pounds; 1 Pounds; 3 Pounds; 200 Pounds; 5 Gallons; 55 Gallons; 250 Pounds; 12000 Pounds; 80 Pounds; 800 Pounds; 5 Pounds; 910 Pounds; 200 Pounds; 5 Pounds; 19500 Pounds; 800 Pounds; 50 Pounds; 20 Pounds; 2800 Pounds; 450 Pounds; 160 Pounds; 100 Pounds; 20 Pounds; 800 Pounds; 23000 Pounds; 4000 Pounds; 10 Pounds; 100 Pounds; 200 Pounds; 100 Pounds; 1200 Pounds; 560 Pounds; 30 Pounds; 400 Pounds; 200 Pounds; 8 Pounds; 40 Pounds; 100 Pounds; 50 Pounds; 9800 Pounds; 50 Pounds; 50 Pounds; 200 Pounds; 400 Pounds; 220 Pounds; 10 Pounds; 1280 Pounds; 1360 Pounds; 50 Pounds; 10 Pounds; 20 Pounds; 1 Pounds; 3 Gallons; 2 Gallons; 10 Pounds; 300 Pounds; 100 Pounds; 400 Pounds; 5 Gallons; 300 Pounds; 6000 Pounds; 9000 Pounds; 10 Pounds; 100 Pounds; 40 Pounds; 1100 Pounds; 50 Pounds; 750 Pounds; 40 Pounds; 15 Pounds; 5 Pounds; 30 Pounds; 300 Pounds; 100 Pounds; 150 Pounds; 50 Pounds; 30 Pounds; 480 Pounds; 10 Pounds; 150 Gallons; 40 Pounds; 5 Pounds; 2 Pounds; 310 Pounds; 640 Pounds; 700 Pounds; 40 Pounds; 250 Pounds; 40800 Pounds; 100 Pounds; 20 Pounds; 100 Pounds; 1200 Pounds; 200 Pounds; 250 Pounds; 8 Pounds; 40 Pounds; 120 Pounds; 1600 Pounds; 40 Pounds; 300 Pounds; 10 Pounds; 55 Gallons; 25 Pounds; 250 Pounds; 25 Pounds; 50 Pounds; 100 Pounds; 40 Pounds; 200 Pounds; 50 Pounds; 30 Pounds; 200 Pounds; 250 Pounds; 80 Pounds; 10 Pounds; 1000 Pounds; 2 Pounds; 1 Pounds; 50 Pounds; 100 Pounds; 25 Pounds; 12000 Pounds; 50 Pounds; 100 Pounds; 400 Pounds; 2000 Pounds; 10 Pounds; 3200 Pounds; 5 Pounds; 500 Pounds; 240 Pounds; 2000 Pounds; 200 Pounds; 40 Pounds; 3 Pounds; 310 Pounds; 150 Pounds; 800 Pounds; 200 Pounds; 50 Pounds; 500 Pounds; 40 Pounds; 9870 Pounds; 2600 Pounds; 100 Pounds; 50 Pounds; 1600 Pounds; 2000 Pounds; 1120 Pounds; 100 Pounds; 25 Pounds; 700 Pounds; 50 Pounds; 400 Pounds; 12036 Pounds; 100 Pounds; 40 Pounds; 10 Pounds; 150 Gallons; 400 Gallons; 500 Pounds; 400 Pounds; 200 Pounds; 35 Pounds; 200 Pounds; 400 Pounds; 300 Pounds; 10 Pounds; 10 Pounds; 1200 Pounds; 15 Pounds; 120 Pounds; 60 Pounds; 20 Pounds; 20 Pounds; 50 Pounds; 400 Pounds; 1200 Pounds; 2500 Pounds; 100 Pounds; 1200 Pounds; 100 Pounds; 6 Pounds; 4 Pounds; 80 Pounds; 1200 Pounds; 100 Pounds; 30 Pounds; 40 Pounds; 100 Pounds; 50 Pounds; 110 Gallons; 400 Pounds; 300 Pounds; 1050 Pounds; 2 Pounds; 50 Pounds; 50 Pounds; 30 Pounds; 800 Pounds; 200 Pounds; 2800 Pounds; 400 Pounds; 100 Pounds; 100 Pounds; 50 Pounds; 5 Pounds; 15 Pounds; 50 Pounds; 20 Gallons; 31 Pounds; 200 Pounds; 200 Pounds; 2100 Pounds; 300 Pounds; 20 Pounds; 80 Pounds

1999: 360 Pounds; 300 Pounds; 10 Pounds; 2 Pounds; 30 Pounds; 100 Pounds; 200 Pounds; 1120 Pounds; 1360 Pounds; 5 Pounds; 160 Pounds; 4 Pounds; 1080 Pounds; 40 Pounds; 900 Pounds; 10 Pounds; 50 Pounds; 200 Pounds; 10 Pounds; 1280 Pounds; 160 Pounds; 30 Pounds; 10 Pounds; 1800 Pounds; 40 Pounds; 10 Pounds; 65 Pounds; 40 Pounds; 100 Pounds; 1200 Pounds; 40 Pounds; 110 Pounds; 55 Pounds; 5 Pounds; 50 Pounds;

150 Pounds; 150 Pounds; 30 Pounds; 50 Pounds; 15 Pounds; 15 Pounds; 1 Pounds; 320 Pounds; 450 Pounds; 1 Pounds; 40 Pounds; 225 Pounds; 460 Pounds; 1 Pounds; 800 Pounds; 50 Gallons; 375 Pounds; 3 Pounds; 300 Pounds; 400 Pounds; 500 Pounds; 150 Pounds; 160 Pounds; 800 Pounds; 2 Pounds; 75 Pounds; 1200 Pounds; 2400 Pounds; 40 Pounds; 400 Pounds; 160 Pounds; 50 Pounds; 1000 Pounds; 50 Pounds; 800 Pounds; 2000 Pounds; 1000 Pounds; 320 Pounds; 30 Pounds; 50 Pounds; 200 Pounds; 50 Pounds; 960 Pounds; 1440 Pounds; 224 Pounds; 150 Pounds; 150 Pounds; 1200 Pounds; 10 Pounds; 8 Pounds; 50 Pounds; 3 Pounds; 2 Pounds; 15 Pounds; 6 Pounds; 4800 Pounds; 15 Pounds; 50 Pounds; 1 Pounds; 20 Pounds; 700 Pounds; 800 Pounds; 5 Pounds; 5 Pounds; 50 Pounds; 1 Pounds; 25 Pounds; 150 Pounds; 10 Pounds; 160 Pounds; 40 Pounds; 15 Pounds; 40 Pounds; 1 Pounds; 1 Pounds; 2 Pounds; 15 Pounds; 50 Pounds; 50 Pounds; 80 Pounds; 180 Pounds; 50 Pounds; 15 Pounds; 240 Pounds; 30 Pounds; 40 Pounds; 3 Pounds; 1 Pounds; 7 Pounds; 50 Pounds; 40 Pounds; 150 Pounds; 1120 Pounds; 10 Pounds; 800 Pounds; 120 Pounds; 640 Pounds; 5 Pounds; 40 Pounds; 10 Pounds; 160 Pounds; 50 Pounds; 50 Pounds; 20 Pounds; 1000 Pounds; 840 Pounds; 1600 Pounds; 40 Pounds; 2 Pounds; 80 Pounds; 60 Pounds; 3 Pounds; 1200 Pounds; 40 Pounds; 200 Pounds; 150 Pounds; 1 Gallons; 9 Gallons; 500 Pounds; 150 Pounds; 125 Pounds; 1050 Pounds; 200 Pounds; 300 Pounds; 1 Pounds; 1 Pounds; 3 Pounds; 50 Pounds; 5 Pounds; 50 Pounds; 10 Pounds; 30 Pounds; 80 Pounds; 2 Pounds; 40 Pounds; 200 Pounds; 150 Pounds; 4 Pounds; 50 Pounds; 30 Pounds; 5 Pounds; 40 Pounds; 200 Pounds; 5 Pounds; 5 Pounds; 1000 Pounds; 400 Pounds; 26 Pounds; 200 Pounds; 40 Pounds; 400 Pounds; 15 Pounds; 10 Pounds; 5 Pounds; 20 Pounds; 200 Pounds; 50 Pounds; 120 Pounds; 10 Pounds; 4000 Pounds; 300 Pounds; 60 Pounds; 10 Pounds; 1 Pounds; 2 Pounds; 1 Pounds; 2 Pounds; 8 Pounds; 10 Pounds; 20 Pounds; 50 Pounds; 1040 Pounds; 600 Pounds; 50 Pounds; 10 Pounds; 5400 Pounds; 30 Pounds; 40 Pounds; 200 Pounds; 250 Pounds; 25 Pounds; 1 Pounds; 6 Pounds; 1200 Pounds; 100 Pounds; 10000 Pounds; 40 Pounds; 100 Pounds; 50 Pounds; 200 Pounds; 1200 Pounds; 1000 Pounds; 50 Pounds; 15 Pounds; 125 Pounds; 100 Pounds; 400 Pounds; 1200 Pounds; 50 Pounds; 20 Pounds; 1200 Pounds; 5 Pounds; 15 Pounds; 14 Pounds; 10 Pounds; 50 Pounds; 20 Pounds; 480 Pounds; 1440 Pounds; 1040 Pounds; 880 Pounds; 1200 Pounds; 1200 Pounds; 10 Pounds; 100 Pounds; 400 Pounds; 10 Pounds; 11000 Pounds; 2000 Pounds; 800 Pounds; 3000 Pounds; 400 Pounds; 500 Pounds; 9000 Pounds; 250 Pounds; 20 Pounds; 200 Pounds; 27200 Pounds; 16400 Pounds; 800 Pounds; 50 Pounds; 4800 Pounds; 80 Pounds; 60 Pounds; 40 Pounds; 2000 Pounds; 800 Pounds; 30 Pounds; 80 Pounds; 80 Pounds; 50 Pounds; 15 Pounds; 2 Pounds; 30 Pounds; 25 Pounds; 1000 Pounds; 500 Pounds; 80 Pounds; 100 Pounds; 8200 Pounds; 2400 Pounds; 1800 Pounds; 10 Pounds; 200 Pounds; 800 Pounds; 300 Pounds; 5600 Pounds; 10 Pounds; 40 Pounds; 800 Pounds; 600 Pounds; 20 Pounds; 10 Pounds; 400 Pounds; 1 Pounds; 40 Pounds; 5 Pounds; 40 Pounds; 40 Pounds; 100 Pounds; 1 Pounds; 40 Pounds; 2 Pounds; 10 Pounds; 400 Pounds; 1 Pounds; 30 Pounds; 40 Pounds; 80 Pounds; 50 Pounds; 1500 Pounds; 275 Pounds; 3 Pounds; 50 Pounds; 40 Pounds; 15 Pounds; 40 Pounds; 60 Pounds; 200 Pounds; 50 Pounds; 200 Pounds; 50 Pounds; 4000 Pounds; 15 Pounds; 30 Pounds; 30 Pounds; 70 Pounds; 40 Pounds; 200 Pounds; 358 Pounds; 40 Pounds; 400 Pounds; 800 Pounds; 2700 Pounds; 2200 Pounds; 1000 Pounds; 10 Pounds; 20 Pounds; 150 Gallons; 15 Pounds; 3200 Pounds; 10 Pounds; 300 Pounds; 1100 Pounds; 10 Pounds; 1120 Pounds; 120 Pounds; 400 Pounds; 76 Pounds; 1 Pounds; 1800 Pounds; 330 Pounds; 2 Pounds; 125 Pounds; 40 Pounds; 450 Pounds; 100 Gallons; 2400 Pounds; 400 Pounds; 110 Pounds; 70 Pounds; 300 Pounds; 5 Pounds; 350 Pounds; 2 Pounds; 1 Pounds; 800 Pounds; 100 Pounds; 300 Pounds; 200 Pounds; 1100 Pounds; 125 Pounds; 200 Pounds; 16 Pounds; 40 Pounds; 1 Pounds; 2 Pounds; 1 Pounds; 10 Pounds; 250 Pounds; 55 Gallons; 50 Pounds; 150 Pounds; 10 Pounds; 175 Pounds; 1900 Pounds; 800 Pounds; 80 Pounds; 100 Pounds; 15 Pounds; 35 Pounds; 280 Pounds; 250 Pounds; 700 Pounds; 20 Pounds; 5250 Pounds; 50 Pounds; 1 Pounds; 1 Pounds; 2400 Pounds; 15 Pounds; 80 Pounds; 100 Pounds; 1360 Pounds; 400 Pounds
2000: 880 Pounds; 1200 Pounds; 120 Pounds; 80 Pounds; 5 Pounds; 1 Pounds; 800 Pounds; 1040 Pounds; 400 Pounds; 1280 Pounds; 1200 Pounds; 5 Pounds; 2 Pounds; 20 Pounds; 25 Pounds; 20 Pounds; 2 Pounds; 80 Pounds; 80 Pounds; 40 Pounds; 5 Pounds; 50 Pounds; 80 Pounds; 5 Pounds; 20 Pounds; 2 Pounds; 6 Pounds; 20 Pounds; 50 Pounds; 150 Pounds; 80 Pounds; 40 Pounds; 10 Pounds; 80 Pounds; 2 Pounds; 80 Gallons; 10 Gallons; 20 Pounds; 10 Pounds; 880 Pounds; 20 Pounds; 5 Pounds; 10 Pounds; 800 Pounds; 40 Pounds; 80 Pounds; 80 Pounds; 15 Pounds; 30 Pounds; 50 Pounds; 5 Pounds; 10 Pounds; 1 Pounds; 30 Pounds; 800 Pounds; 100 Pounds; 160 Pounds; 2 Pounds; 20 Pounds; 1000 Pounds; 50 Pounds; 80 Pounds; 440 Pounds; 1400 Pounds; 10 Pounds; 390 Pounds; 1 Pounds; 50 Pounds; 25 Pounds; 10 Pounds; 25 Pounds; 10 Pounds; 15 Pounds; 2 Pounds; 2 Pounds; 100 Pounds; 150 Pounds; 5 Pounds; 1280 Pounds; 15 Pounds; 1360 Pounds; 240 Gallons; 1 Gallons; 15 Pounds; 20 Pounds; 40 Pounds; 50 Pounds; 40 Pounds; 150 Pounds; 250 Pounds; 2 Pounds; 900 Pounds; 960 Pounds; 50 Pounds; 375 Pounds; 5 Pounds; 350 Pounds; 5 Pounds; 15 Pounds; 10 Pounds; 2 Pounds; 1 Pounds; 80 Pounds; 160 Pounds; 5 Pounds; 2 Pounds; 20 Pounds; 200 Pounds; 80 Pounds; 50 Pounds; 400 Pounds; 5 Pounds; 1200 Pounds; 10 Pounds; 10 Pounds; 40 Pounds; 1 Pounds; 20 Pounds; 50 Pounds; 15 Pounds; 30 Pounds; 1360 Pounds; 80 Pounds; 720 Pounds; 5 Pounds; 1 Pounds; 100 Pounds; 15 Pounds; 100 Pounds; 300 Pounds; 3 Pounds; 200 Pounds; 200 Pounds; 20 Pounds; 1 Pounds; 20 Pounds; 50 Pounds; 180 Pounds; 10 Pounds; 440 Pounds; 20 Pounds; 50 Pounds; 5600 Pounds; 50 Pounds; 10 Pounds; 40 Pounds; 2 Pounds; 20 Pounds; 200 Pounds; 100 Pounds; 2800 Pounds; 15 Pounds; 20 Pounds; 5 Pounds; 5 Pounds; 17 Gallons; 18 Gallons; 18 Gallons; 10 Gallons; 5 Pounds; 30 Pounds; 1600 Pounds; 10 Pounds; 50 Pounds; 1500 Pounds; 10 Pounds; 80 Pounds; 10 Pounds; 200 Pounds; 40 Pounds; 450 Pounds; 1600 Pounds; 15 Pounds; 300 Pounds; 1040 Pounds; 8 Pounds; 400 Pounds; 200 Pounds; 200 Pounds; 10 Pounds; 1 Pounds; 15 Pounds; 2 Pounds; 80 Pounds; 50 Pounds; 50 Pounds; 10 Pounds; 1360 Pounds; 30 Pounds; 1040 Pounds; 1200 Pounds; 10 Pounds; 8000 Pounds; 150 Pounds; 4 Pounds; 12000 Pounds; 800 Pounds; 400 Pounds; 50 Pounds; 5 Pounds; 40 Pounds; 400 Pounds; 800 Pounds; 400 Pounds; 32850 Pounds; 8000 Pounds; 40 Pounds; 50 Pounds; 50 Pounds; 8000 Pounds; 200 Pounds; 1600 Pounds; 800 Pounds; 5625 Pounds; 1200 Pounds; 40 Pounds; 5 Pounds; 12000 Pounds; 15 Pounds; 65 Pounds; 120 Pounds; 5 Pounds; 300 Pounds; 100 Pounds; 20 Pounds; 55 Gallons; 1 Pounds; 200 Pounds; 75 Pounds; 250 Pounds; 7200 Pounds; 40 Pounds; 2400 Pounds; 30 Pounds; 12000 Pounds; 50 Pounds; 3200 Pounds; 1 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 160 Pounds; 1 Pounds; 1 Pounds; 100 Pounds; 150 Pounds; 200 Pounds; 10 Pounds; 100 Pounds; 5 Pounds; 15 Pounds; 2 Pounds; 15 Pounds; 50 Pounds; 5 Pounds; 10 Pounds; 40 Pounds; 500 Pounds; 200 Pounds; 1885 Pounds; 300 Pounds; 8 Pounds; 20 Pounds; 1500 Pounds; 400 Pounds; 6 Pounds; 50 Pounds; 160 Pounds; 5 Pounds; 50 Pounds; 600 Pounds; 20 Pounds; 800 Pounds; 60 Pounds; 4200 Pounds; 100 Pounds; 3000 Pounds; 200 Pounds; 6400 Pounds; 100 Pounds; 100 Pounds; 1500 Pounds; 80 Pounds; 200 Pounds; 4000 Pounds; 40 Pounds; 200 Pounds; 50 Pounds; 4950 Pounds; 20 Pounds; 240 Pounds; 150 Pounds; 50 Pounds; 50 Gallons; 15 Pounds; 50 Pounds; 8000 Pounds; 20 Pounds; 4000 Pounds; 50 Pounds; 1 Pounds; 850 Pounds; 800 Pounds; 15 Pounds; 2 Pounds; 120 Pounds; 75 Pounds; 1 Pounds; 400 Pounds; 400 Pounds; 500 Pounds; 20 Pounds; 2 Pounds; 50 Pounds; 300 Pounds; 80 Pounds; 30 Pounds; 360 Pounds; 2 Pounds; 100 Pounds; 100 Gallons; 9091 Kilograms; 110 Gallons; 30 Gallons; 1 Pounds; 40 Pounds; 1 Pounds; 600 Pounds; 75 Pounds; 200 Pounds; 5 Pounds; 400 Pounds; 100 Pounds; 150 Pounds; 75 Pounds; 45 Pounds; 250 Pounds; 5 Pounds; 75 Pounds; 3150 Pounds; 4050 Pounds; 800 Pounds; 1000 Pounds; 400 Pounds; 200 Pounds; 800 Pounds; 1200 Pounds; 2800 Pounds; 1200 Pounds; 200 Pounds; 1600 Pounds; 10 Pounds; 1600 Pounds; 1200 Pounds; 60 Pounds; 500 Pounds; 5 Pounds; 25 Gallons; 149 Gallons; 5 Gallons; 10 Pounds; 1800 Pounds; 50 Pounds; 3 Pounds; 100 Pounds; 15 Pounds; 50 Pounds; 50 Pounds; 1360 Pounds; 5 Pounds; 24000 Pounds; 6400 Pounds; 5 Pounds; 50 Pounds; 10 Pounds; 1200 Pounds; 81 Gallons; 30 Pounds; 40 Pounds; 800 Pounds; 18 Gallons; 2400 Pounds; 800 Pounds; 20 Pounds; 18 Gallons; 110 Pounds; 10 Pounds; 1 Pounds; 1 Pounds; 80 Pounds; 50 Pounds; 200 Pounds; 50 Pounds; 40 Pounds; 1360 Pounds; 1120 Pounds; 15 Pounds; 100 Pounds; 600 Pounds; 400 Pounds; 50 Pounds; 800 Pounds; 250 Pounds; 20 Pounds; 1 Pounds; 1250 Pounds; 50 Pounds; 200 Pounds; 15000 Pounds; 10 Pounds; 880 Pounds; 100 Pounds; 1040 Pounds; 20 Pounds; 30 Pounds; 100 Pounds; 21 Gallons; 8000 Pounds; 600 Pounds; 75 Pounds; 400 Pounds; 1 Pounds; 50 Pounds; 5 Pounds; 1840 Pounds; 1 Pounds; 160 Pounds; 560 Pounds; 40 Pounds; 20 Pounds; 20 Pounds; 100 Pounds; 95 Gallons; 200 Pounds; 5 Pounds; 1 Pounds; 10 Pounds; 1200 Pounds; 1 Pounds; 5 Pounds; 900 Pounds; 15 Pounds; 4000 Pounds; 400 Pounds; 100 Pounds; 40 Pounds; 2000 Pounds; 10 Pounds; 10 Pounds; 50 Pounds; 6 Pounds; 240 Pounds; 5 Pounds; 200 Pounds; 50 Pounds; 2 Pounds; 25 Pounds; 20 Pounds; 2 Gallons; 200 Pounds; 100 Pounds; 10 Gallons; 2 Pounds; 5

Pounds; 50 Pounds; 15 Pounds; 3200 Pounds; 200 Pounds; 10 Pounds; 400 Pounds
2001: 1200 Pounds; 500 Pounds; 1600 Pounds; 40 Pounds; 15 Pounds; 10 Pounds; 1 Pounds; 10 Pounds; 200 Pounds; 450 Pounds; 500 Pounds; 15 Pounds; 60 Pounds; 2400 Pounds; 1000 Pounds; 1500 Pounds; 1200 Pounds; 600 Pounds; 40 Pounds; 150 Pounds; 55 Gallons; 600 Pounds; 2400 Pounds; 20 Pounds; 50 Pounds; 1 Pounds; 25 Pounds; 1000 Pounds; 900 Pounds; 2 Pounds; 1 Pounds; 800 Pounds; 1200 Pounds; 10 Pounds; 1 Pounds; 45 Pounds; 2400 Pounds; 5 Pounds; 1 Pounds; 50 Pounds; 5 Pounds; 1 Pounds; 20 Pounds; 6 Pounds; 120 Pounds; 160 Pounds; 3236 Pounds; 1200 Pounds; 200 Pounds; 1 Pounds; 400 Pounds; 450 Pounds; 60 Pounds; 150 Pounds; 400 Pounds; 30 Pounds; 4000 Pounds; 2000 Pounds; 1 Pounds; 3 Pounds; 100 Pounds; 25 Pounds; 8000 Pounds; 1200 Pounds; 200 Pounds; 30 Pounds; 40 Pounds; 3 Pounds; 3 Pounds; 94 Gallons; 55 Gallons; 200 Pounds; 10 Pounds; 1200 Pounds; 400 Pounds; 500 Pounds; 600 Pounds; 100 Pounds; 500 Pounds; 150 Pounds; 100 Pounds; 1000 Pounds; 30 Pounds; 1200 Pounds; 2400 Pounds; 50 Pounds; 80 Pounds; 5 Pounds; 5 Pounds; 160 Pounds; 400 Pounds; 480 Pounds; 50 Pounds; 2000 Pounds; 4000 Pounds; 100 Pounds; 400 Pounds; 20 Pounds; 4800 Pounds; 4000 Pounds; 100 Pounds; 80 Pounds; 560 Pounds; 30 Pounds; 40 Pounds; 400 Pounds; 5 Pounds; 560 Pounds; 40 Pounds; 25 Pounds; 160 Pounds; 40 Pounds; 2 Pounds; 10 Pounds; 400 Pounds; 1600 Pounds; 150 Pounds; 80 Pounds; 60 Pounds; 2400 Pounds; 20 Gallons; 600 Pounds; 200 Pounds; 1 Pounds; 100 Pounds; 40 Pounds; 200 Pounds; 400 Pounds; 1300 Pounds; 150 Pounds; 30 Pounds; 1798 Pounds; 1 Pounds; 300 Pounds; 1 Pounds; 140 Pounds; 175 Pounds; 400 Pounds; 100 Pounds; 50 Pounds; 5200 Pounds; 800 Pounds; 9 Pounds; 75 Pounds; 25 Pounds; 10 Pounds; 3200 Pounds; 1 Pounds; 1 Pounds; 55 Gallons; 55 Pounds; 55 Gallons; 9600 Pounds; 20 Pounds; 50 Pounds; 880 Pounds; 800 Pounds; 800 Pounds; 200 Pounds; 8 Pounds; 400 Pounds; 50 Pounds; 5 Pounds; 2 Pounds; 1 Pounds; 50 Pounds; 20 Pounds; 1 Pounds; 80 Gallons; 55 Gallons; 200 Pounds; 20 Pounds; 20 Pounds; 3200 Pounds; 2000 Pounds; 175 Pounds; 40 Pounds; 2400 Pounds; 75 Pounds; 240 Pounds; 10785 Pounds; 800 Pounds; 12000 Pounds; 400 Pounds; 600 Pounds; 180 Pounds; 30 Pounds; 30 Pounds; 10 Pounds; 4000 Pounds; 3600 Pounds; 80 Pounds; 180 Pounds; 20 Pounds; 110 Gallons; 10 Gallons; 12 Gallons; 600 Pounds; 20 Pounds; 8 Pounds; 100 Pounds; 10000 Pounds; 210 Pounds; 1000 Pounds; 1078 Pounds; 250 Pounds; 4400 Pounds; 960 Pounds; 800 Pounds; 240 Pounds; 100 Pounds; 5 Pounds; 100 Pounds; 300 Pounds; 50 Pounds; 120 Pounds; 320 Pounds; 100 Pounds; 5000 Pounds; 1120 Pounds; 1600 Pounds; 1280 Pounds; 40 Pounds; 1280 Pounds; 100 Pounds; 1 Pounds; 50 Pounds; 100 Pounds; 50 Pounds; 2 Pounds; 180 Pounds; 60 Pounds; 25 Pounds; 280 Pounds; 40 Pounds; 40 Pounds; 8 Pounds; 80 Pounds; 100 Pounds; 10 Pounds; 20 Pounds; 10 Pounds; 80 Pounds; 100 Pounds; 50 Pounds; 5 Pounds; 100 Pounds; 10 Pounds; 300 Pounds; 110 Gallons; 200 Pounds; 40 Pounds; 10 Pounds; 400 Pounds; 100 Pounds; 10000 Pounds; 2000 Pounds; 1 Pounds; 40 Pounds; 40 Pounds; 400 Pounds; 5 Pounds; 50 Pounds; 2000 Pounds; 800 Pounds; 5 Pounds; 40 Pounds; 720 Pounds; 1280 Pounds; 2 Pounds; 3600 Pounds; 5 Pounds; 20 Pounds; 30 Pounds; 880 Pounds; 8 Pounds; 1 Pounds; 3 Pounds; 1330 Pounds; 1600 Pounds; 2400 Pounds; 600 Pounds; 1360 Pounds; 10 Pounds; 15 Pounds; 100 Pounds; 1360 Pounds; 2 Pounds; 10 Pounds; 40 Pounds; 880 Pounds; 25 Pounds; 20 Pounds; 800 Pounds; 3 Pounds; 1 Pounds; 5 Pounds; 1 Pounds; 40 Pounds; 1120 Pounds; 800 Pounds; 1520 Pounds; 50 Pounds; 1200 Pounds; 2800 Pounds; 1600 Pounds; 1200 Pounds; 9 Pounds; 5 Pounds; 2 Pounds; 3 Pounds; 50 Pounds; 70 Pounds; 30 Pounds; 40 Pounds; 40 Pounds; 5 Pounds; 1 Pounds; 20 Pounds; 1 Pounds; 30 Pounds; 160 Pounds; 240 Pounds; 20 Pounds; 40 Pounds; 2 Pounds; 20 Pounds; 200 Pounds; 5 Pounds; 20 Pounds; 2 Pounds; 10 Pounds; 25 Pounds; 10 Pounds; 25 Pounds; 4 Pounds; 50 Pounds; 240 Pounds; 30 Pounds; 10 Pounds; 5 Pounds
2002: 5 Pounds; 200 Pounds; 20 Pounds; 1280 Pounds; 10 Pounds; 10 Pounds; 1 Pounds; 1 Pounds; 80 Pounds; 80 Pounds; 2 Pounds; 80 Pounds; 8 Pounds; 80 Pounds; 100 Pounds; 80 Pounds; 50 Pounds; 10 Pounds; 200 Pounds; 30 Pounds; 130 Pounds; 20 Pounds; 10 Pounds; 10 Pounds; 20 Pounds; 5 Pounds; 30 Pounds; 2 Pounds; 10 Pounds; 5 Pounds; 20 Pounds; 20 Pounds; 160 Pounds; 15 Pounds; 50 Pounds; 20 Pounds; 10 Pounds; 2 Pounds; 30 Pounds; 160 Pounds; 1040 Pounds; 5 Pounds; 40 Pounds; 30 Pounds; 1200 Pounds; 150 Pounds; 60 Pounds; 30 Pounds; 1 Pounds; 15 Pounds; 220 Pounds; 20 Pounds; 10 Pounds; 1 Pounds; 40 Pounds; 280 Pounds; 25 Pounds; 40 Pounds; 1 Pounds; 20 Pounds; 2800 Pounds; 20 Pounds; 2 Pounds; 8 Pounds; 5 Pounds; 1 Pounds; 1840 Pounds; 50 Pounds; 1 Pounds; 300 Pounds; 40 Pounds; 30 Pounds; 800 Pounds; 2 Pounds; 8 Pounds; 1120 Pounds; 30 Pounds; 15 Pounds; 1680 Pounds; 30 Pounds; 1920 Pounds; 10 Pounds; 50 Pounds; 5 Pounds; 60 Pounds; 240 Pounds; 5 Pounds; 10 Pounds; 20 Pounds; 10 Pounds; 5 Pounds; 1520 Pounds; 1520 Pounds; 100 Pounds; 5 Pounds; 5 Pounds; 5 Pounds; 120 Pounds; 400 Pounds; 2307 Pounds; 50 Pounds; 25 Pounds; 200 Pounds; 25 Pounds; 20 Pounds; 1280 Pounds; 80 Pounds; 20 Pounds; 1 Pounds; 80 Pounds; 60 Pounds; 5 Pounds; 1 Pounds; 20 Pounds; 20 Pounds; 160 Pounds; 5 Pounds; 160 Pounds; 550 Pounds; 80 Pounds; 50 Pounds; 45 Pounds; 20 Pounds; 50 Pounds; 5 Pounds; 10 Pounds; 300 Pounds; 20 Pounds; 40 Pounds; 1 Pounds; 8 Pounds; 180 Pounds; 1000 Pounds; 100 Pounds; 10 Pounds; 5 Pounds; 80 Pounds; 80 Pounds; 1 Pounds; 5 Pounds; 120 Pounds; 2 Pounds; 50 Pounds; 50 Pounds; 20 Pounds; 2 Pounds; 1 Pounds; 20 Pounds; 4 Pounds; 120 Pounds; 5 Pounds; 80 Pounds; 40 Pounds; 3 Pounds; 60 Pounds; 640 Pounds; 560 Pounds; 50 Pounds; 50 Pounds; 560 Pounds; 10 Pounds; 140 Gallons; 50 Gallons; 4 Pounds; 150 Pounds; 300 Pounds; 1 Pounds; 320 Pounds; 8 Pounds; 30 Pounds; 1 Pounds; 10 Pounds; 2 Pounds; 10 Pounds; 7 Pounds; 50 Pounds; 40 Pounds; 1040 Pounds; 1520 Pounds; 40 Pounds; 1 Pounds; 400 Pounds; 100 Pounds; 1 Pounds; 400 Pounds; 2000 Pounds; 10 Pounds; 1200 Pounds; 2 Pounds; 400 Pounds; 50 Pounds; 50 Pounds; 3200 Pounds; 280 Pounds; 100 Pounds; 5 Pounds; 40 Pounds; 1 Pounds; 8 Pounds; 150 Pounds; 75 Gallons; 1600 Gallons; 1000 Pounds; 5 Pounds; 60 Pounds; 20 Pounds; 10 Pounds; 350 Pounds; 5 Pounds; 20 Pounds; 25 Pounds; 150 Pounds; 2080 Pounds; 150 Pounds; 11600 Pounds; 120 Pounds; 1 Pounds; 200 Pounds; 3 Pounds; 150 Pounds; 20 Pounds; 1 Pounds; 500 Pounds; 150 Pounds; 80 Pounds; 20 Pounds; 1000 Pounds; 500 Pounds; 100 Pounds; 1 Pounds; 5 Pounds; 80 Pounds; 100 Pounds; 500 Pounds; 1280 Pounds; 80 Pounds; 10 Pounds; 3 Pounds; 360 Pounds; 1860 Pounds; 5 Pounds; 400 Pounds; 130 Pounds; 130 Pounds; 50 Pounds; 1 Pounds; 50 Pounds; 400 Pounds; 11 Pounds; 10 Pounds; 1 Pounds; 750 Pounds; 2500 Pounds; 6 Gallons; 500 Pounds; 110 Gallons; 20 Pounds; 200 Pounds; 200 Pounds; 30 Pounds; 640 Pounds; 1 Pounds; 1 Pounds; 10 Pounds; 40 Pounds; 5 Pounds; 100 Pounds; 5 Pounds; 20 Pounds; 20 Pounds; 1 Pounds; 3 Pounds; 1 Pounds; 200 Pounds; 5 Pounds; 10 Pounds; 3 Pounds; 1 Pounds; 4 Pounds; 50 Pounds; 40 Gallons; 41 Gallons; 5 Pounds; 1 Pounds; 40 Pounds; 600 Pounds; 20 Pounds; 2500 Pounds; 750 Pounds; 520 Pounds; 1040 Pounds; 1280 Pounds; 1280 Pounds; 10 Pounds; 1040 Pounds; 20 Pounds; 960 Pounds; 2400 Pounds; 150 Pounds; 5 Pounds; 1 Pounds; 40 Pounds; 10 Pounds; 120 Pounds; 500 Pounds; 40 Pounds; 2 Pounds; 10520 Pounds; 5 Pounds; 10 Pounds; 3200 Pounds; 1200 Pounds; 100 Pounds; 10 Pounds; 2 Pounds; 170 Gallons; 30 Pounds; 5 Pounds; 10 Pounds; 15 Pounds; 250 Pounds; 1520 Pounds; 50 Pounds; 5 Pounds; 2 Pounds; 60 Pounds; 1 Pounds; 15 Pounds; 10 Pounds; 160 Pounds; 5 Pounds; 20 Pounds; 750 Pounds; 80 Pounds; 3 Pounds; 20 Pounds; 30 Pounds; 1 Pounds; 5 Pounds; 960 Pounds; 2400 Pounds; 20 Pounds; 1 Pounds; 5 Pounds; 1 Pounds; 10 Pounds; 200 Pounds; 160 Pounds; 40 Pounds; 40 Pounds; 600 Pounds; 200 Pounds; 500 Pounds; 55 Gallons; 50 Pounds; 200 Pounds; 240 Pounds; 3000 Pounds; 22 Pounds; 15 Pounds; 2 Pounds; 10 Pounds; 5 Pounds; 15 Pounds; 1520 Pounds; 40 Pounds; 30 Pounds; 50 Pounds; 20 Pounds; 120 Pounds; 100 Pounds; 1 Pounds; 200 Pounds; 9 Pounds; 15 Pounds; 10 Gallons; 75 Gallons
2003: 5 Pounds; 10 Pounds; 2 Pounds; 80 Pounds; 1 Pounds; 30 Pounds; 80 Pounds; 25 Pounds; 5 Pounds; 2160 Pounds; 7 Pounds; 36 Pounds; 10 Pounds; 5 Pounds; 50 Pounds; 3 Pounds; 100 Pounds; 1200 Pounds; 60 Pounds; 90 Pounds; 1 Pounds; 10 Pounds; 100 Pounds; 1200 Pounds; 1840 Pounds; 160 Pounds; 60 Pounds; 1 Pounds; 40 Pounds; 480 Pounds; 10 Pounds; 3 Pounds; 2 Pounds; 2 Pounds; 4 Pounds; 150 Pounds; 5 Pounds; 2 Pounds; 3 Pounds; 2 Pounds; 1 Pounds; 2 Pounds; 3 Pounds; 1 Pounds; 2 Pounds; 5 Pounds; 1 Pounds; 1 Pounds; 1120 Pounds; 75 Pounds; 40 Pounds; 25 Pounds; 25 Pounds; 10 Pounds; 1160 Pounds; 1120 Pounds; 800 Pounds; 10 Pounds; 1280 Pounds; 130 Pounds; 1 Pounds; 30 Pounds; 3 Pounds; 1 Pounds; 3 Pounds; 1 Pounds; 3 Pounds; 3 Pounds; 2 Pounds; 15 Pounds; 3 Pounds; 50 Pounds; 20 Pounds; 100 Pounds; 100 Pounds; 160 Pounds; 200 Pounds; 1 Pounds; 5 Pounds; 5 Pounds; 80 Pounds; 2 Pounds; 400 Pounds; 30 Pounds; 20 Pounds; 400 Pounds; 20 Pounds; 50 Pounds; 3 Pounds; 8 Pounds; 120 Pounds; 100 Pounds; 1 Pounds; 30 Pounds; 3 Pounds; 100 Pounds; 1 Pounds; 2 Pounds; 30 Pounds; 5 Pounds; 1120

Pounds; 1160 Pounds; 1 Pounds; 5 Pounds; 20 Pounds; 10 Pounds; 15 Pounds; 80 Pounds; 10 Pounds; 40 Pounds; 2 Pounds; 1200 Pounds; 30 Pounds; 1 Pounds; 20 Pounds; 200 Pounds; 480 Pounds; 52 Pounds; 40 Pounds; 40 Pounds; 10 Pounds; 500 Pounds; 50 Pounds; 2 Pounds; 2 Pounds; 2 Pounds; 300 Pounds; 10 Pounds; 50 Pounds; 5 Pounds; 10 Pounds; 100 Pounds; 560 Pounds; 20 Pounds; 840 Pounds; 80 Pounds; 10 Pounds; 400 Pounds; 5 Pounds; 50 Pounds; 880 Pounds; 720 Pounds; 50 Pounds; 60 Pounds; 1 Pounds; 15 Pounds; 1280 Pounds; 20 Pounds; 1360 Pounds; 300 Pounds; 2 Pounds; 20 Pounds; 14 Pounds; 100 Pounds; 3 Pounds; 3 Pounds; 12 Pounds; 20 Pounds; 10 Pounds; 2160 Pounds; 45 Pounds; 1 Pounds; 26 Pounds; 10 Pounds; 20 Pounds; 8 Pounds; 1 Pounds; 240 Pounds; 6 Pounds; 2 Pounds; 2 Pounds; 1520 Pounds; 20 Pounds; 2320 Pounds; 50 Pounds; 900 Pounds; 2 Pounds; 4 Pounds; 60 Pounds; 1200 Pounds; 10 Pounds; 25 Gallons; 50 Pounds; 10 Pounds; 50 Pounds; 40 Pounds; 40 Pounds; 160 Pounds; 1 Pounds; 10 Pounds; 60 Pounds; 200 Pounds; 30 Pounds; 7 Pounds; 10 Pounds; 120 Pounds; 20 Pounds; 100 Pounds; 100 Pounds; 20 Pounds; 30 Pounds; 400 Pounds; 45 Pounds; 150 Pounds; 20 Pounds; 1000 Pounds; 300 Pounds; 1 Pounds; 15 Pounds; 120 Pounds; 1 Pounds; 1200 Pounds; 1 Pounds; 380 Pounds; 8 Pounds; 50 Pounds; 10 Pounds; 10 Pounds; 2 Pounds; 1 Pounds; 360 Pounds; 180 Pounds; 20 Pounds; 2 Pounds; 440 Pounds; 5 Pounds; 100 Pounds; 400 Pounds; 50 Pounds; 300 Pounds; 75 Pounds; 1760 Pounds; 2 Pounds; 220 Pounds; 30 Pounds; 50 Pounds; 200 Pounds; 30 Pounds; 100 Pounds; 250 Pounds; 30 Pounds; 24 Pounds; 480 Pounds; 4 Pounds; 80 Pounds; 880 Pounds; 50 Pounds; 80 Pounds; 16 Pounds; 350 Pounds; 1 Pounds; 2 Pounds; 700 Pounds; 10 Pounds; 30 Pounds; 100 Pounds; 400 Pounds; 9 Pounds; 26 Pounds; 40 Pounds; 80 Pounds; 5 Pounds; 40 Pounds; 4000 Pounds; 5200 Pounds; 3080 Pounds; 10 Pounds; 5280 Pounds; 1 Pounds; 5 Pounds; 5 Pounds; 50 Pounds; 1160 Pounds; 60 Pounds; 50 Pounds; 2 Pounds; 1 Pounds; 280 Pounds; 1600 Pounds; 7200 Pounds; 100 Pounds; 15 Pounds; 40 Pounds; 160 Pounds; 50 Pounds; 20 Pounds; 3000 Pounds; 5 Pounds; 300 Pounds; 150 Pounds; 200 Pounds; 50 Pounds; 460 Pounds; 10 Pounds; 150 Pounds; 20 Pounds; 5 Pounds; 1 Pounds; 400 Pounds; 400 Pounds; 250 Pounds; 8 Pounds; 2 Pounds; 2 Pounds; 3 Pounds; 40 Pounds; 2080 Pounds; 2080 Pounds; 5 Pounds; 1 Pounds; 200 Pounds; 50 Pounds; 50 Pounds; 5 Pounds; 10 Pounds; 80 Pounds; 50 Pounds; 30 Pounds; 1 Pounds; 20 Pounds; 40 Pounds; 20 Pounds; 30 Pounds; 60 Pounds; 50 Pounds; 2 Pounds; 3 Pounds; 5 Pounds; 25 Pounds; 150 Pounds; 320 Pounds; 2 Pounds; 40 Pounds; 10 Pounds; 5 Pounds; 2 Pounds; 5 Pounds; 1 Pounds; 220 Gallons; 8 Pounds; 2 Pounds; 5 Pounds; 125 Pounds; 1920 Pounds; 10 Pounds; 30 Pounds; 20 Pounds; 5 Pounds; 60 Pounds; 20 Pounds; 1760 Pounds; 2720 Pounds; 140 Pounds; 150 Pounds; 5 Pounds; 1 Pounds; 10 Pounds; 10 Pounds; 1440 Pounds; 4 Pounds; 25 Pounds; 400 Pounds; 3 Pounds; 12 Pounds; 5 Pounds; 2 Pounds; 120 Pounds; 30 Pounds; 50 Pounds; 1000 Pounds; 120 Pounds; 2 Pounds; 20 Pounds; 2 Pounds; 40 Pounds; 90 Pounds; 20 Pounds; 25 Pounds; 60 Pounds; 850 Pounds; 100 Pounds; 25 Pounds; 50 Pounds; 40 Pounds; 600 Pounds; 350 Pounds; 50 Pounds; 40 Pounds; 10 Pounds; 10 Pounds; 300 Pounds; 80 Pounds; 80 Pounds; 100 Pounds; 20 Pounds; 16 Pounds; 200 Pounds; 100 Pounds; 30 Pounds; 10 Pounds; 80 Pounds; 8 Pounds; 220 Pounds; 80 Pounds; 100 Pounds; 10 Pounds; 300 Pounds; 80 Pounds; 300 Pounds; 80 Pounds

2004: 320 Pounds; 200 Pounds; 80 Pounds; 40 Pounds; 1440 Pounds; 15 Pounds; 400 Pounds; 840 Pounds; 3 Pounds; 20 Pounds; 200 Pounds; 2100 Pounds; 300 Pounds; 50 Pounds; 134 Pounds; 50 Pounds; 40 Pounds; 50 Pounds; 800 Pounds; 160 Pounds; 1320 Pounds; 160 Pounds; 5 Pounds; 20 Pounds; 50 Pounds; 80 Pounds; 180 Pounds; 1800 Pounds; 520 Pounds; 440 Pounds; 400 Pounds; 220 Gallons; 275 Gallons; 40 Pounds; 80 Pounds; 100 Pounds; 1663 Pounds; 200 Pounds; 350 Pounds; 280 Pounds; 160 Pounds; 30 Pounds; 15 Gallons; 80 Pounds; 5 Pounds; 1 Pounds; 240 Pounds; 10 Pounds; 5 Pounds; 30 Pounds; 100 Kilograms; 200 Pounds; 45 Pounds; 40 Pounds; 200 Pounds; 30 Pounds; 1 Pounds; 30 Pounds; 10 Pounds; 80 Pounds; 120 Pounds; 1 Pounds; 70 Pounds; 1440 Pounds; 2080 Pounds; 10 Pounds; 10 Pounds; 1400 Pounds; 8 Pounds; 1440 Pounds; 15 Pounds; 40 Pounds; 1 Pounds; 20 Pounds; 1 Pounds; 35 Pounds; 1 Pounds; 760 Pounds; 5 Pounds; 60 Pounds; 20 Pounds; 1 Pounds; 50 Pounds; 10 Pounds; 1 Pounds; 400 Pounds; 5 Pounds; 90 Pounds; 160 Pounds; 480 Pounds; 10 Pounds; 100 Pounds; 30 Pounds; 15 Pounds; 100 Pounds; 450 Pounds; 1000 Pounds; 120 Pounds; 30 Pounds; 160 Pounds; 240 Pounds; 850 Pounds; 80 Pounds; 480 Pounds; 40 Pounds; 20 Pounds; 40 Pounds; 5 Pounds; 1160 Pounds; 80 Pounds; 40 Pounds; 10 Pounds; 120 Pounds; 150 Pounds; 50 Pounds; 150 Pounds; 100 Pounds; 240 Pounds; 100 Pounds; 160 Pounds; 280 Pounds; 100 Pounds; 160 Pounds; 160 Pounds; 80 Pounds; 900 Pounds; 440 Pounds; 2500 Pounds; 240 Pounds; 8 Pounds; 1160 Pounds; 35 Pounds; 30 Pounds; 1000 Pounds; 600 Pounds; 20 Pounds; 80 Pounds; 575 Pounds; 200 Pounds; 300 Pounds; 385 Gallons; 300 Gallons; 100 Gallons; 30 Gallons; 300 Pounds; 30 Pounds; 1328 Pounds; 400 Pounds; 200 Pounds; 750 Pounds; 4 Pounds; 10 Pounds; 8 Pounds; 10 Pounds; 60 Pounds; 219 Pounds; 60 Pounds; 80 Pounds; 240 Pounds; 20 Pounds; 5 Pounds; 280 Pounds; 120 Pounds; 150 Pounds; 500 Pounds; 360 Pounds; 240 Pounds; 100 Pounds; 400 Pounds; 240 Pounds; 800 Pounds; 13000 Pounds; 165 Gallons; 100 Pounds; 200 Pounds; 280 Pounds; 500 Pounds; 1 Pounds; 15 Pounds; 20 Pounds; 400 Pounds; 20 Pounds; 5 Pounds; 220 Gallons; 10 Pounds; 200 Pounds; 300 Pounds; 10 Pounds; 10 Pounds; 2000 Pounds; 8 Pounds; 75 Pounds; 2 Pounds; 275 Gallons; 116 Pounds; 400 Pounds; 300 Pounds; 400 Pounds; 150 Pounds; 2400 Pounds; 400 Pounds; 160 Pounds; 500 Pounds; 60 Pounds; 200 Pounds; 50 Pounds; 40 Pounds; 120 Pounds; 5 Pounds; 10 Pounds; 150 Pounds; 42 Pounds; 1200 Pounds; 25 Pounds; 5 Pounds; 50 Pounds; 200 Pounds; 18 Pounds; 600 Pounds; 20 Gallons; 8 Pounds; 5 Pounds; 250 Pounds; 1 Gallons; 40 Pounds; 1000 Pounds; 50 Pounds; 60 Pounds; 4 Pounds; 150 Pounds; 250 Pounds; 4 Pounds; 2 Pounds; 5 Pounds; 800 Pounds; 1500 Pounds; 106 Pounds; 5 Pounds; 8 Pounds; 250 Pounds; 1840 Pounds; 200 Pounds; 10 Pounds; 50 Pounds; 10 Pounds; 900 Pounds; 50 Pounds; 10 Pounds; 8 Pounds; 25 Pounds; 300 Pounds; 4 Pounds; 3 Pounds; 500 Pounds; 20 Pounds; 400 Pounds; 15400 Pounds; 3 Gallons; 50 Pounds; 5 Pounds; 2 Pounds; 30 Pounds; 20 Pounds; 4 Pounds; 1 Pounds; 175 Pounds; 5160 Pounds; 50 Pounds; 50 Pounds; 20 Pounds; 15 Pounds; 50 Pounds; 20 Pounds; 600 Pounds; 160 Pounds; 80 Pounds; 10 Pounds; 5 Pounds; 30 Pounds; 40 Pounds; 320 Pounds; 1200 Pounds; 60 Pounds; 150 Pounds; 4 Pounds; 150 Pounds; 120 Pounds; 60 Pounds; 120 Pounds; 200 Pounds; 50 Pounds; 50 Pounds; 10 Pounds; 480 Pounds; 20 Pounds; 520 Pounds; 47 Kilograms; 160 Pounds; 160 Pounds; 1 Pounds; 800 Pounds; 600 Pounds; 1 Pounds; 20 Pounds; 8 Pounds; 80 Pounds; 40 Pounds; 40 Pounds; 205 Pounds; 150 Pounds; 50 Pounds; 100 Pounds; 5 Pounds; 160 Pounds; 300 Pounds; 150 Pounds; 110 Pounds; 800 Pounds; 237 Pounds; 160 Pounds; 180 Pounds; 1 Pounds; 150 Pounds; 400 Pounds; 100 Pounds; 25 Pounds; 200 Pounds; 50 Pounds; 40 Pounds; 200 Pounds; 280 Pounds; 1320 Pounds; 30 Pounds; 10 Pounds; 1400 Pounds; 10 Pounds; 1120 Pounds; 1480 Pounds; 1840 Pounds; 10 Pounds; 402 Pounds; 40 Pounds; 80 Pounds; 5 Pounds; 100 Pounds; 10 Pounds; 120 Pounds; 15 Pounds; 10 Pounds; 320 Pounds; 45 Pounds; 10 Pounds; 180 Pounds; 1 Pounds; 5 Pounds; 80 Pounds; 1 Pounds; 1 Pounds; 2 Pounds; 10 Pounds; 5 Pounds; 1560 Pounds; 10 Pounds; 400 Pounds; 41 Pounds; 10 Pounds; 10 Pounds; 30 Pounds; 200 Pounds; 5 Pounds; 55 Gallons; 500 Pounds; 10 Pounds; 20 Gallons; 1200 Pounds; 1200 Pounds; 5 Pounds; 1160 Pounds; 1 Pounds; 15 Pounds; 15 Pounds; 15 Pounds; 10 Pounds; 100 Pounds; 400 Pounds; 20 Pounds; 300 Pounds; 400 Pounds; 40 Pounds; 50 Pounds; 160 Pounds; 350 Pounds; 1600 Pounds; 1280 Pounds; 5 Pounds; 30 Pounds; 20 Pounds; 10 Pounds; 50 Pounds; 30 Pounds; 60 Pounds; 21 Pounds; 10 Pounds; 1 Pounds; 20 Pounds; 10 Pounds; 15 Pounds; 15 Pounds; 10 Pounds; 2 Pounds; 10 Pounds; 120 Pounds; 1160 Pounds; 1560 Pounds; 125 Pounds; 100 Pounds; 5 Pounds; 30 Pounds; 2 Pounds; 1 Pounds; 30 Pounds; 4000 Pounds; 200 Pounds; 10 Pounds; 15 Pounds; 200 Pounds; 8 Pounds; 3 Pounds; 16 Pounds; 120 Pounds; 2 Pounds; 1520 Pounds; 800 Pounds; 6 Pounds; 180 Pounds; 200 Pounds; 200 Pounds; 25 Pounds; 15 Pounds; 80 Pounds; 15 Pounds; 1600 Pounds; 1280 Pounds; 200 Pounds; 1680 Pounds; 10 Pounds; 5 Pounds

2005: 60 Pounds; 80 Pounds; 25 Pounds; 15 Pounds; 15 Pounds; 1360 Pounds; 1360 Pounds; 5 Pounds; 2360 Pounds; 70 Pounds; 40 Pounds; 8 Pounds; 250 Pounds; 250 Pounds; 1 Pounds; 240 Pounds; 200 Pounds; 10 Pounds; 40 Pounds; 10 Pounds; 300 Pounds; 10 Pounds; 1440 Pounds; 160 Pounds; 80 Pounds; 10 Pounds; 5 Pounds; 8 Pounds; 20 Pounds; 400 Pounds; 1 Pounds; 100 Pounds; 50 Pounds; 15 Pounds; 45 Pounds; 30 Pounds; 1880 Pounds; 10 Pounds; 2000 Pounds; 5 Pounds; 20 Pounds; 5 Pounds; 150 Pounds; 120 Pounds; 450 Pounds; 1360 Pounds; 1 Pounds; 1600 Pounds; 9500 Pounds; 1280 Pounds; 40 Pounds; 1240 Pounds; 10 Pounds; 25 Pounds; 15 Pounds; 10 Pounds; 2 Pounds; 80 Pounds; 85 Pounds; 10 Pounds; 200 Pounds; 2800 Pounds; 120 Pounds; 8 Pounds; 24 Pounds; 500 Pounds; 5 Pounds; 40 Pounds; 60 Pounds; 240 Pounds; 150 Pounds; 5 Gallons; 60 Pounds; 35 Pounds; 9 Pounds; 1560 Pounds; 1 Pounds; 20 Pounds; 1 Pounds; 8 Pounds; 160 Pounds; 2 Pounds; 10 Pounds; 30

Pounds; 8 Pounds; 1 Pounds; 320 Pounds; 120 Pounds; 30 Pounds; 4 Pounds; 3 Pounds; 400 Pounds; 1 Pounds; 70 Pounds; 5 Pounds; 200 Pounds; 180 Pounds; 30 Pounds; 240 Pounds; 80 Pounds; 4 Pounds; 280 Pounds; 1 Pounds; 630 Pounds; 170 Pounds; 20 Pounds; 2 Pounds; 30 Pounds; 120 Pounds; 30 Gallons; 640 Pounds; 8 Pounds; 5 Pounds; 360 Pounds; 8 Pounds; 50 Pounds; 2400 Pounds; 400 Pounds; 30 Pounds; 50 Pounds; 40 Pounds; 1280 Pounds; 50 Pounds; 200 Pounds; 30 Pounds; 320 Pounds; 12 Pounds; 160 Pounds; 5 Gallons; 80 Pounds; 8 Pounds; 40 Pounds; 120 Pounds; 440 Pounds; 20 Pounds; 30 Pounds; 5 Pounds; 10 Pounds; 400 Pounds; 280 Pounds; 560 Pounds; 450 Pounds; 120 Pounds; 380 Pounds; 40 Pounds; 20 Pounds; 9 Pounds; 5 Pounds; 8 Pounds; 10 Pounds; 130 Pounds; 60 Pounds; 155 Pounds; 450 Pounds; 400 Pounds; 240 Pounds; 20 Pounds; 30 Pounds; 200 Pounds; 120 Pounds; 550 Pounds; 120 Pounds; 50 Pounds; 20 Pounds; 5 Pounds; 1360 Pounds; 150 Pounds; 240 Pounds; 72 Pounds; 360 Pounds; 25 Pounds; 40 Pounds; 1 Pounds; 50 Pounds; 40 Pounds; 600 Pounds; 9 Pounds; 120 Pounds; 150 Pounds

Manifest Information

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)
F003: (Generic) The following spent nonhalogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

Waste Received By Year:

2009: 1200 Pounds

Manifest Information

Waste Code(s):

U024: (111-91-1) Dichloromethoxy ethane

Waste Received By Year:

1988: 50 Pounds
1989: 1125 Pounds

Manifest Information

Waste Code(s):

U028: (117-81-7) 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester

Waste Received By Year:

1998: 450 Pounds
2000: 50 Pounds

Manifest Information

Waste Code(s):

U036: (57-74-9) 4, 7-Methano-lH-indene, 1,2,4,5,6,7,8,8-octachloro- 2,3,3a,4,7,7a-hexahydro-

Waste Received By Year:

1987: 1200 Pounds; 3800 Pounds
1988: 7440 Pounds; 750 Pounds; 4620 Pounds; 3950 Pounds; 2150 Pounds; 950 Pounds; 50 Pounds; 1040 Pounds; 1950 Pounds; 15 Pounds; 3100 Pounds; 120 Pounds; 900 Pounds; 1140 Pounds
1989: 40 Pounds; 880 Pounds; 7000 Pounds; 960 Pounds; 400 Pounds; 1350 Pounds; 1200 Pounds; 800 Pounds; 300 Pounds; 5200 Pounds; 3200 Pounds; 825 Pounds; 560 Pounds; 2880 Pounds; 600 Pounds; 50 Pounds; 10 Pounds; 480 Pounds; 720 Pounds; 80 Pounds; 2800 Pounds; 2100 Pounds; 900 Pounds; 300 Pounds; 1900 Pounds; 50 Pounds; 400 Pounds; 880 Pounds; 1750 Pounds; 500 Pounds; 700 Pounds; 950 Pounds; 1520 Pounds; 200 Pounds; 1000 Pounds; 200 Pounds; 150 Pounds; 1800 Pounds; 1040 Pounds; 2000 Pounds; 1400 Pounds; 700 Pounds; 640 Pounds; 850 Pounds; 200 Pounds; 1000 Pounds; 400 Pounds; 600 Pounds; 6400 Pounds; 160 Pounds; 3000 Pounds; 800 Pounds; 100 Pounds; 960 Pounds; 400 Pounds; 720 Pounds; 800 Pounds; 200 Pounds; 1800 Pounds; 450 Pounds; 2600 Pounds; 560 Pounds; 1040 Pounds; 720 Pounds; 300 Pounds; 2600

Pounds
1990: 2000 Pounds; 300 Pounds; 520 Pounds; 280 Pounds; 100 Pounds; 2080 Pounds; 535 Pounds; 3000 Pounds; 600 Pounds; 600 Pounds; 100 Pounds; 150 Pounds; 400 Pounds; 4640 Pounds; 1600 Pounds; 9000 Pounds; 4400 Pounds; 2850 Pounds; 200 Pounds; 100 Pounds; 150 Pounds; 150 Pounds; 3600 Pounds; 250 Pounds; 700 Pounds; 200 Pounds; 250 Pounds; 3000 Pounds; 600 Pounds; 520 Pounds; 150 Pounds; 4800 Pounds; 2800 Pounds; 1600 Pounds; 200 Pounds; 400 Pounds; 1400 Pounds; 2550 Pounds; 4600 Pounds; 520 Pounds; 1000 Pounds; 7200 Pounds; 161 Pounds; 10 Pounds; 280 Pounds
1991: 20 Pounds; 500 Pounds; 500 Pounds; 750 Pounds; 1800 Pounds; 1000 Pounds; 5 Pounds; 3200 Pounds; 5400 Pounds
1992: 17400 Pounds; 20250 Pounds; 10000 Pounds; 9600 Pounds; 5400 Pounds; 12500 Pounds; 500 Pounds; 21800 Pounds; 400 Pounds; 10 Pounds; 200 Pounds; 1800 Pounds; 4400 Pounds; 7600 Pounds; 2000 Pounds; 4200 Pounds; 6800 Pounds; 7000 Pounds; 600 Pounds; 200 Pounds; 2000 Pounds; 16600 Pounds; 1800 Pounds; 8000 Pounds
1993: 10 Pounds
1994: 2365 Pounds; 6200 Pounds
1995: 1200 Pounds; 1400 Pounds; 40 Pounds; 1400 Pounds; 100 Pounds
1996: 230 Pounds; 200 Pounds; 700 Pounds; 138 Pounds; 200 Pounds; 200 Pounds; 600 Pounds
1997: 200 Pounds; 200 Pounds; 100 Pounds; 50 Pounds
1999: 60 Pounds
2000: 960 Pounds

Manifest Information

Waste Code(s):

U091: (119-90-4) [1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-

Waste Received By Year:

1986: 200 Pounds
1987: 5 Gallons; 5 Gallons

Manifest Information

Waste Code(s):

U098: (57-14-7) Hydrazine, 1,1-dimethyl-

Waste Received By Year:

2001: 1 Pounds

Manifest Information

Waste Code(s):

U101: (105-67-9) Phenol, 2,4-dimethyl-

Waste Received By Year:

1984: 700 Pounds
1988: 125 Pounds

Manifest Information

Waste Code(s):

U103: (77-78-1) Sulfuric acid, dimethyl ester

Waste Received By Year:

2000: 10 Pounds

Manifest Information

Waste Code(s):

U107: (117-84-0) 1,2-Benzenedicarboxylic acid, dioctyl ester

Waste Received By Year:

1987: 50 Pounds
1988: 1200 Pounds
1992: 200 Pounds

Manifest Information

Waste Code(s):

U112: (141-78-6) Acetic acid ethyl ester (I)

Waste Received By Year:

1980/1981: 1600 Pounds
1989: 10 Pounds

Manifest Information

Waste Code(s):

U117: (60-29-7) Ethane, 1,1'-oxybis-(I)

Waste Received By Year:

1987: 1000 Pounds; 2400 Pounds
1988: 75 Pounds
1991: 250 Pounds
1999: 21 Pounds
2001: 83 Pounds

Manifest Information

Waste Code(s):

U122: (50-00-0) Formaldehyde

Waste Received By Year:

1982: 2100 Pounds
1983: 1600 Pounds; 1600 Pounds; 1600 Pounds; 40 Pounds; 2000 Pounds
1984: 700 Pounds
1985: 2400 Pounds; 400 Pounds; 680 Pounds; 400 Pounds; 400 Pounds; 2000 Pounds; 1200 Pounds; 2400 Pounds; 200 Pounds
1986: 1600 Pounds; 17600 Pounds; 120 Pounds; 1600 Pounds; 9400 Pounds; 5 Pounds; 2000 Pounds; 11600 Pounds; 150 Pounds; 1600 Pounds; 450 Pounds; 280 Pounds; 120 Pounds; 120 Pounds; 240 Pounds; 1600 Pounds; 500 Pounds; 35000 Pounds; 1200 Pounds; 2000 Pounds; 800 Pounds; 2000 Pounds; 400 Pounds; 700 Pounds; 550 Pounds; 1600 Pounds; 2800 Pounds; 1600 Pounds; 2400 Pounds; 280 Pounds; 1000 Pounds; 2800 Pounds; 1050 Pounds; 900 Pounds; 400 Pounds; 900 Pounds; 1200 Pounds; 150 Pounds; 3900 Pounds; 900 Pounds; 350 Pounds; 800 Pounds; 1600 Pounds; 400 Pounds; 150 Pounds; 900 Pounds; 1000 Pounds; 1600 Pounds; 480 Pounds
1987: 800 Pounds; 400 Pounds; 2000 Pounds; 2000 Pounds; 900 Pounds; 800 Pounds; 450 Pounds; 900 Pounds; 800 Pounds; 160 Pounds; 400 Pounds; 160 Pounds; 900 Pounds; 300 Pounds; 900 Pounds; 800 Pounds; 100 Pounds; 1400 Pounds; 900 Pounds; 400 Pounds; 900 Pounds; 1350 Pounds; 200 Pounds; 400 Pounds; 800 Pounds; 55 Gallons; 2000 Pounds; 500 Pounds; 400 Pounds; 1200 Pounds; 240 Pounds; 2400 Pounds; 700 Pounds; 400 Pounds; 425 Pounds; 1600 Pounds; 450 Pounds; 1050 Pounds; 1000 Pounds; 800 Pounds; 800 Pounds; 400 Pounds; 55 Gallons; 2000 Pounds; 900 Pounds; 400 Pounds; 1200 Pounds; 250 Pounds; 450 Pounds; 400 Pounds
1988: 450 Pounds; 300 Pounds; 480 Pounds; 2100 Pounds; 400 Pounds; 1600 Pounds; 160 Pounds; 750 Pounds; 880 Pounds; 600 Pounds; 1100 Pounds; 500 Pounds; 500 Pounds; 920 Pounds; 760 Pounds; 425 Pounds; 1000 Pounds; 110 Gallons; 1000 Pounds; 70 Pounds; 40 Pounds; 1200 Pounds; 150 Pounds; 800 Pounds; 800 Pounds; 800 Pounds; 210 Pounds; 20 Pounds; 2400 Pounds; 2400 Pounds; 2800 Pounds; 40 Pounds; 2000 Pounds; 450 Pounds; 400 Pounds; 800 Pounds; 80 Pounds; 1600 Pounds; 1520 Pounds; 400 Pounds; 2000 Pounds; 25 Pounds; 880 Pounds; 2800 Pounds; 800 Pounds; 40 Pounds; 40 Pounds; 400 Pounds; 800 Pounds; 650 Pounds; 600 Pounds; 400 Pounds; 1600 Pounds; 1200 Pounds; 1600 Pounds; 500 Pounds; 150 Pounds; 1600 Pounds; 250 Pounds; 900 Pounds; 1200 Pounds; 300 Pounds; 400 Pounds; 250 Pounds; 160 Pounds; 80 Pounds; 800 Pounds; 120 Pounds; 220 Gallons; 760 Pounds; 425 Pounds; 400 Pounds; 800 Pounds; 2000 Pounds; 500 Pounds; 1150 Pounds; 50

Pounds; 200 Pounds; 4500 Pounds; 400 Pounds
1989: 2000 Pounds; 1000 Pounds; 2000 Pounds; 300 Pounds; 25 Pounds; 30 Pounds; 850 Pounds; 3500 Pounds; 1200 Pounds; 75 Pounds; 1200 Pounds; 100 Pounds; 80 Pounds; 800 Pounds; 2400 Pounds; 1600 Pounds; 200 Pounds; 800 Pounds; 800 Pounds; 2800 Pounds; 640 Pounds; 800 Pounds; 1200 Pounds; 1600 Pounds; 2700 Pounds; 480 Pounds; 200 Pounds; 1200 Pounds; 1300 Pounds; 800 Pounds; 400 Pounds; 3600 Pounds; 1600 Pounds; 1050 Pounds; 1650 Pounds; 400 Pounds; 1200 Pounds; 2000 Pounds; 300 Pounds; 200 Pounds; 400 Pounds; 800 Pounds; 2000 Pounds; 1600 Pounds; 1200 Pounds; 1040 Pounds; 80 Pounds; 187 Pounds; 10 Pounds; 40 Pounds; 750 Pounds; 400 Pounds; 75 Pounds; 800 Pounds; 800 Pounds; 400 Pounds; 50 Pounds; 1600 Pounds; 40 Pounds; 150 Pounds
1990: 200 Pounds; 75 Pounds; 2400 Pounds; 2000 Pounds; 140 Pounds; 1600 Pounds; 800 Pounds; 200 Pounds; 200 Pounds; 160 Pounds; 600 Pounds; 2800 Pounds; 400 Pounds; 250 Pounds; 1200 Pounds; 250 Pounds; 60 Pounds; 1200 Pounds; 300 Pounds; 65 Pounds; 2400 Pounds; 200 Pounds; 1600 Pounds; 30 Pounds; 30 Pounds; 400 Pounds; 400 Pounds; 300 Pounds; 65 Pounds; 110 Gallons; 40 Pounds; 3250 Pounds; 2400 Pounds; 4000 Pounds; 1200 Pounds; 1200 Pounds; 2000 Pounds; 50 Pounds; 200 Pounds; 140 Pounds; 300 Pounds; 1600 Pounds; 400 Pounds; 700 Pounds; 900 Pounds; 1200 Pounds; 3200 Pounds; 800 Pounds; 250 Pounds; 40 Pounds; 55 Gallons
1991: 30 Pounds; 50 Pounds; 60 Pounds; 2400 Pounds; 500 Pounds; 100 Pounds; 1600 Pounds; 600 Pounds; 1600 Pounds; 50 Pounds; 200 Pounds; 100 Pounds; 100 Pounds; 800 Pounds; 500 Pounds; 360 Pounds; 200 Pounds; 600 Pounds; 800 Pounds; 400 Pounds; 40 Pounds; 120 Pounds; 400 Pounds; 200 Pounds; 40 Pounds; 300 Pounds; 150 Pounds; 200 Pounds; 1600 Pounds; 120 Pounds; 40 Pounds; 400 Pounds; 400 Pounds; 200 Pounds; 150 Pounds; 2000 Pounds; 200 Pounds; 500 Pounds; 1250 Pounds; 800 Pounds; 150 Pounds; 1600 Pounds; 80 Pounds; 2000 Pounds; 1600 Pounds; 2000 Pounds; 280 Pounds; 2000 Pounds; 200 Pounds; 50 Pounds; 80 Pounds; 150 Pounds; 1200 Pounds; 560 Pounds; 200 Pounds; 80 Pounds; 100 Pounds; 150 Pounds; 1000 Pounds; 30 Pounds; 342 Pounds; 400 Pounds; 100 Pounds; 300 Pounds; 120 Pounds; 680 Pounds; 400 Pounds
1992: 40 Pounds; 1200 Pounds; 300 Pounds; 200 Pounds; 120 Pounds; 500 Pounds; 400 Pounds; 400 Pounds; 100 Pounds; 1600 Pounds; 450 Pounds; 200 Pounds; 1200 Pounds; 800 Pounds; 700 Pounds; 150 Pounds; 750 Pounds; 40 Pounds; 1000 Pounds; 200 Pounds; 100 Pounds; 300 Pounds; 300 Pounds; 50 Pounds; 500 Pounds; 200 Pounds; 300 Pounds; 100 Pounds; 336 Pounds; 460 Pounds; 1600 Pounds; 450 Pounds; 600 Pounds; 1200 Pounds; 1600 Pounds; 400 Pounds; 90 Pounds; 200 Pounds; 40 Pounds; 200 Pounds; 200 Pounds; 800 Pounds; 80 Pounds; 300 Pounds; 250 Pounds; 400 Pounds; 150 Pounds; 150 Pounds; 1600 Pounds; 1600 Pounds; 400 Pounds; 200 Pounds; 1200 Pounds; 1000 Pounds; 50 Pounds; 40 Pounds; 400 Pounds; 50 Pounds; 800 Pounds; 80 Pounds; 150 Pounds; 100 Pounds; 50 Pounds; 180 Pounds; 75 Pounds; 120 Pounds; 40 Pounds; 40 Pounds
1993: 100 Pounds; 300 Pounds; 100 Pounds; 2400 Pounds
1994: 10 Pounds
1995: 200 Pounds
1997: 500 Pounds; 1600 Pounds; 200 Pounds
1998: 3200 Pounds; 55 Gallons; 15 Gallons; 3 Pounds
1999: 900 Pounds; 15 Pounds
2000: 20 Pounds; 30 Pounds; 40 Pounds; 100 Pounds; 20 Pounds; 40 Pounds; 30 Pounds; 50 Pounds; 400 Pounds; 50 Pounds
2001: 1200 Pounds; 100 Pounds; 100 Pounds; 100 Pounds; 2500 Pounds; 1000 Pounds; 400 Pounds; 75 Pounds; 50 Pounds
2002: 150 Pounds; 8 Pounds; 50 Pounds; 35 Pounds; 80 Pounds
2003: 50 Pounds

Manifest Information

Waste Code(s):

F001: (Generic) The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichloroethylene, methylene chloride, 1,1, 1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, total of 10 percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

Waste Received By Year:

1980/1981: 100 Pounds; 70 Pounds; 150 Pounds; 132 Pounds; 100 Pounds; 140 Pounds; 120 Pounds; 140 Pounds; 88 Pounds; 120 Pounds; 100 Pounds; 163 Pounds; 112 Pounds; 300 Pounds; 3600 Pounds; 70 Pounds; 210 Pounds; 70 Pounds; 70 Pounds; 100 Pounds; 128 Pounds; 2400 Pounds; 75 Pounds; 98 Pounds; 210 Pounds; 210 Pounds; 100 Gallons; 140 Gallons; 70 Pounds; 50 Pounds
1982: 123 Pounds; 400 Pounds; 220 Pounds
1983: 2800 Pounds; 10800 Pounds; 6800 Pounds; 4000 Pounds; 80 Pounds; 4400 Pounds; 100 Pounds; 425 Pounds; 400 Pounds; 1600 Pounds; 3600 Pounds; 73 Pounds
1984: 1694 Pounds; 325 Pounds; 40 Pounds
1985: 1600 Pounds
1986: 612 Pounds; 40 Pounds; 200 Pounds; 20 Pounds; 2190 Pounds; 220 Gallons; 1200 Pounds; 3000 Pounds; 10500 Pounds; 400 Pounds; 1900 Pounds; 2000 Pounds; 800 Pounds; 800 Pounds; 2100 Pounds; 5200 Pounds; 800 Pounds; 10000 Pounds; 9200 Pounds; 800 Pounds; 9450 Pounds; 1400 Pounds; 3200 Pounds; 8000 Pounds; 400 Pounds; 400 Pounds; 40 Pounds
1987: 150 Pounds; 400 Pounds; 3150 Pounds; 500 Pounds; 400 Pounds; 500 Pounds; 1650 Gallons; 1200 Pounds; 400 Pounds; 400 Pounds; 2000 Pounds; 5600 Pounds; 7500 Pounds; 150 Pounds; 30 Pounds; 5200 Pounds; 400 Pounds; 450 Pounds; 200 Pounds; 330 Gallons; 50 Pounds; 6000 Pounds; 640 Pounds; 1200 Pounds; 300 Pounds; 2000 Pounds; 900 Pounds; 200 Pounds; 1800 Pounds; 3600 Pounds; 60 Gallons; 3000 Pounds; 200 Pounds; 2800 Pounds; 400 Pounds; 600 Pounds; 10000 Pounds; 3000 Pounds; 425 Pounds; 350 Pounds; 1200 Pounds; 2000 Pounds; 400 Pounds; 1500 Pounds; 7600 Pounds; 8140 Pounds; 30 Pounds; 55 Gallons; 110 Gallons; 1800 Pounds; 30 Pounds; 125 Gallons
1988: 800 Pounds; 7800 Pounds; 600 Pounds; 1800 Pounds; 150 Pounds; 2000 Pounds; 110 Gallons; 900 Pounds; 200 Pounds; 2100 Pounds; 160 Pounds; 2400 Pounds; 4800 Pounds; 500 Pounds; 500 Pounds; 4800 Pounds; 6600 Pounds; 8000 Pounds; 5600 Pounds; 10000 Pounds; 300 Pounds; 200 Pounds; 1050 Pounds; 800 Pounds; 580 Pounds; 4400 Pounds; 4800 Pounds; 800 Pounds; 6400 Pounds; 5600 Pounds; 300 Pounds
1989: 150 Pounds; 20 Pounds; 1100 Pounds; 3250 Pounds; 200 Pounds; 1800 Pounds; 150 Pounds; 1100 Pounds
1990: 100 Pounds; 1800 Pounds; 1600 Pounds; 10 Pounds; 500 Pounds; 166 Pounds

1991: 1126 Pounds; 2000 Pounds
1992: 150 Pounds; 1200 Liters
1993: 2350 Pounds
1994: 900 Pounds
1995: 200 Pounds; 200 Pounds
1996: 2850 Pounds
1997: 1600 Pounds; 960 Pounds
1998: 5 Pounds; 1200 Pounds; 3 Pounds; 4000 Pounds; 4000 Pounds; 6500 Pounds; 3500 Pounds
1999: 250 Pounds; 400 Pounds; 3500 Pounds; 150 Pounds; 15 Pounds; 7 Pounds; 200 Pounds; 700 Pounds; 10 Pounds; 22 Pounds; 2800 Pounds
2000: 400 Pounds
2001: 640 Pounds; 100 Pounds
2002: 50 Pounds; 7600 Pounds; 1 Pounds
2003: 2 Pounds; 15 Pounds
2004: 1600 Pounds
2005: 50 Pounds

Manifest Information

Waste Code(s):

M144: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 1410 Gallons

Manifest Information

Waste Code(s):

N016: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1986: 1350 Pounds

Manifest Information

Waste Code(s):

N871: Not Listed In 6 CRR-NY 371.4 or EPA Hazardous Waste Identification

Waste Received By Year:

1987: 1500 Pounds; 1000 Pounds

74	9 of 10	S	0.11 / 592.17	24.22 / 15	RADIAC RESEARCH CORP 33 S 1ST ST BROOKLYN NY 11249	RCRA NON GEN

EPA Handler ID:	NYD049178296
Gen Status Universe:	No Report
Contact Name:	JOHN V TEKIN JR
Contact Address:	261 , KENT AVE , , BROOKLYN , NY, 11249 , US
Contact Phone No and Ext:	718-963-2233 201
Contact Email:	JTEKIN@RADIACENV.COM
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20190305

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated June, 2019.

Violation Details

Citation:
Violation Short Description: Transporters - General
Violation Type: 263.A
Violation Determined Date: 20061103
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20080905
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20080728
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20080905
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 5000
Paid Amount: 5000

Violation Details

Citation:
Violation Short Description: Universal Waste - Small Quantity Handlers
Violation Type: 273.B
Violation Determined Date: 20061103
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20080905
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20080728
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20080905
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 5000
Paid Amount: 5000

Violation Details

Citation: SR - 373 Permit/373-2.3(b)
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20040624
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20040624
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20041014
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 373 Permit/373-2.9(h)(3)
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20040624
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20040624
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20041014
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 373 Permit
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20040624
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20040624
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20041014
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: Transporters - Manifest and Recordkeeping
Violation Type: 263.B

Violation Determined Date: 20010508
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20010621
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20020508
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20000328
Scheduled Compliance Date: 20000905
Return to Compliance: Observed
Actual Return to Compl: 20000908
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20000508
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 20000328
Scheduled Compliance Date: 20000905
Return to Compliance: Observed
Actual Return to Compl: 20000908
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20000508
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990927
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990927
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20000215
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 20000
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19990927
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE

Enforcement Action Date: 20000215
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 20000
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19990927
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation: SR - 6nycrr373-2.3(d) & Permit Cond
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990726
Scheduled Compliance Date: 19990820
Return to Compliance: Observed
Actual Return to Compl: 19990813
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19990726
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990420
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404

Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19990423
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990420
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19990420
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19990423
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19990420
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19980515
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19981027
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 24995
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19980515
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State

Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19980515
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19980515
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19981027
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 24995
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19970428
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19970428
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19971002
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 1200
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19970428
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19971002
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 1200
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19970428

Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation: FR - 40CFR265.16(d)(4) & (e)
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19960708
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 6NYCRR373-2.2(g)(2) & (4)
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19970131
Return to Compliance: Observed
Actual Return to Compl: 19971217
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: FR - 40cfr265.32(c)and 265.33
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19960708
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: SR - 6nycrr373-2.5(d)(1), 373-2.2(h
Violation Short Description: Permits - Application
Violation Type: 270.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19970131
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - iNYCRR373-2.2(h)(5)
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19950607
Scheduled Compliance Date: 19950710
Return to Compliance: Observed
Actual Return to Compl: 19960417
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 6NYCRR373-2.3(f)
Violation Short Description: TSD - Preparedness and Prevention
Violation Type: 264.C
Violation Determined Date: 19950607
Scheduled Compliance Date: 19950712
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: SR - 6NYCRR 376.5(a)(1)(ii)('a')
Violation Short Description: TSD - Container Use and Management
Violation Type: 264.I
Violation Determined Date: 19950607
Scheduled Compliance Date: 19960708
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19941216
Scheduled Compliance Date: 19950214
Return to Compliance: Observed

Actual Return to Compl: 19950517
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19941216
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - Manifest/Records/Reporting
Violation Type: 264.E
Violation Determined Date: 19941216
Scheduled Compliance Date: 19950116
Return to Compliance: Observed
Actual Return to Compl: 19950130
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19941216
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19941216
Scheduled Compliance Date: 19950214
Return to Compliance: Observed
Actual Return to Compl: 19950517
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19941216
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19910201
Scheduled Compliance Date: 19910728
Return to Compliance: Observed
Actual Return to Compl: 19920130
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19910528
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 40000
Paid Amount: 40000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19901221
Scheduled Compliance Date: 19910121
Return to Compliance: Observed
Actual Return to Compl: 19910528
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19900720
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19900726
Scheduled Compliance Date: 19910728
Return to Compliance: Observed
Actual Return to Compl: 19920130
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19910528
Enf Disposition Status:
Disposition Status Date:

Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 40000
Paid Amount: 40000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19900720
Scheduled Compliance Date: 19900820
Return to Compliance: Observed
Actual Return to Compl: 19910528
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19900720
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19900511
Scheduled Compliance Date: 19900922
Return to Compliance: Observed
Actual Return to Compl: 19900924
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19900511
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19860919
Scheduled Compliance Date: 19861019
Return to Compliance: Observed
Actual Return to Compl: 19860930
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19860919
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19860515
Scheduled Compliance Date: 19860615
Return to Compliance: Observed
Actual Return to Compl: 19860820
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19860515
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19860502
Scheduled Compliance Date: 19860602
Return to Compliance: Observed
Actual Return to Compl: 19860711
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19860502
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A

Violation Determined Date: 19840731
Scheduled Compliance Date: 19850427
Return to Compliance: Observed
Actual Return to Compl: 19850712
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19850327
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20130322
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120913
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20100217
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20080905
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20080905
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20071105
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description: Universal Waste - Small Quantity Handlers
Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20071105
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description: Transporters - General
Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20061128
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20061103
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Transporters - General
Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20061103
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Universal Waste - Small Quantity Handlers
Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20060520
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20060511
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20040624
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20040624
Evaluation Agency: State

Evaluation Start Date: 20040310
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20040220
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20030827
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20030708
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20030304
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020815
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020711
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20020301
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020201
Evaluation Type Description: CASE DEVELOPMENT INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010928
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010712
Evaluation Type Description: CASE DEVELOPMENT INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010606
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010508
Evaluation Type Description: CASE DEVELOPMENT INSPECTION
Violation Short Description: Transporters - Manifest and Recordkeeping
Return to Compliance Date: 20010621
Evaluation Agency: State

Evaluation Start Date: 20010309
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20001128
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20000908
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20000328
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000908
Evaluation Agency: State

Evaluation Start Date: 20000328
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000908
Evaluation Agency: State

Evaluation Start Date: 19990927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19990927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19990617
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19990813
Evaluation Agency: EPA

Evaluation Start Date: 19990420
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19990303
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19990303
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19980319
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19980319
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19970305
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19970225
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19970225
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19960628
Evaluation Type Description: SIGNIFICANT NON-COMPLIER

Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19960417
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Permits - Application
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19960417
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19960417
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 19971217
Evaluation Agency: EPA

Evaluation Start Date: 19950524
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Preparedness and Prevention
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19950524
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Container Use and Management
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19950524
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 19960417
Evaluation Agency: EPA

Evaluation Start Date: 19940927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19950517
Evaluation Agency: State

Evaluation Start Date: 19940927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 19950517
Evaluation Agency: State

Evaluation Start Date: 19940927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Manifest/Records/Reporting
Return to Compliance Date: 19950130
Evaluation Agency: State

Evaluation Start Date: 19930920
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920921
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920130
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19910930
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19910201
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19901221
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19920130
Evaluation Agency: State

Evaluation Start Date: 19901221
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19910528
Evaluation Agency: EPA

Evaluation Start Date: 19900720
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19910528
Evaluation Agency: EPA

Evaluation Start Date: 19900706
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19920130
Evaluation Agency: State

Evaluation Start Date: 19900228
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19900924
Evaluation Agency: State

Evaluation Start Date: 19890215
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19871109
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19870911
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19870903
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19870212
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19870211
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19870211
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19861022
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19860825
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19860825
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19860930
Evaluation Agency: State

Evaluation Start Date: 19860611
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19860516
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19860515
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19860820
Evaluation Agency: State

Evaluation Start Date: 19860228
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19860228
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19860711
Evaluation Agency: State

Evaluation Start Date: 19850627
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19840731
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19850712
Evaluation Agency: State

Evaluation Start Date: 19840430
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19840104
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: Yes
Transfer Facility: Yes
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19800721
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D019
Waste Code Description: CARBON TETRACHLORIDE

Hazardous Waste Code: D020
Waste Code Description: CHLORDANE

Hazardous Waste Code: D021
Waste Code Description: CHLOROBENZENE

Hazardous Waste Code: D022
Waste Code Description: CHLOROFORM

Hazardous Waste Code: D023
Waste Code Description: O-CRESOL

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: D025
Waste Code Description: P-CRESOL

Hazardous Waste Code: D026
Waste Code Description: CRESOL

Hazardous Waste Code: D027
Waste Code Description: 1,4-DICHLOROBENZENE

Hazardous Waste Code: D028
Waste Code Description: 1,2-DICHLOROETHANE

Hazardous Waste Code: D029
Waste Code Description: 1,1-DICHLOROETHYLENE

Hazardous Waste Code: D030
Waste Code Description: 2,4-DINITROTOLUENE

Hazardous Waste Code: D031
Waste Code Description: HEPTACHLOR (AND ITS EPOXIDE)

Hazardous Waste Code: D032
Waste Code Description: HEXACHLOROBENZENE

Hazardous Waste Code: D033
Waste Code Description: HEXACHLOROBUTADIENE

Hazardous Waste Code: D034
Waste Code Description: HEXACHLOROETHANE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D036
Waste Code Description: NITROBENZENE

Hazardous Waste Code: D038
Waste Code Description: PYRIDINE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: D042
Waste Code Description: 2,4,6-TRICHLOROPHENOL

Hazardous Waste Code:	F001
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F002
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F003
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F004
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F005
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F006
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Hazardous Waste Code:	F007
Waste Code Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Hazardous Waste Code:	F008
Waste Code Description:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F009
Waste Code Description:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F010
Waste Code Description:	QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F011
Waste Code Description:	SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.
Hazardous Waste Code:	F012

Waste Code Description:	QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F019
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
Hazardous Waste Code:	P001
Waste Code Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Hazardous Waste Code:	P002
Waste Code Description:	1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-
Hazardous Waste Code:	P003
Waste Code Description:	2-PROPENAL (OR) ACROLEIN
Hazardous Waste Code:	P004
Waste Code Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN
Hazardous Waste Code:	P005
Waste Code Description:	2-PROPEN-1-OL (OR) ALLYL ALCOHOL
Hazardous Waste Code:	P006
Waste Code Description:	ALUMINUM PHOSPHIDE (R,T)
Hazardous Waste Code:	P007
Waste Code Description:	3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL
Hazardous Waste Code:	P008
Waste Code Description:	4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE
Hazardous Waste Code:	P009
Waste Code Description:	AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)
Hazardous Waste Code:	P010
Waste Code Description:	ARSENIC ACID H3ASO4
Hazardous Waste Code:	P011
Waste Code Description:	ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE
Hazardous Waste Code:	P012
Waste Code Description:	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Hazardous Waste Code:	P013
Waste Code Description:	BARIUM CYANIDE
Hazardous Waste Code:	P014
Waste Code Description:	BENZENETHIOL (OR) THIOPHENOL
Hazardous Waste Code:	P015
Waste Code Description:	BERYLLIUM
Hazardous Waste Code:	P016
Waste Code Description:	DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-
Hazardous Waste Code:	P017
Waste Code Description:	2-PROPANONE, 1-BROMO- (OR) BROMOACETONE
Hazardous Waste Code:	P018
Waste Code Description:	BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-
Hazardous Waste Code:	P020
Waste Code Description:	DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
Hazardous Waste Code:	P021

Waste Code Description:	CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2
Hazardous Waste Code:	P022
Waste Code Description:	CARBON DISULFIDE
Hazardous Waste Code:	P023
Waste Code Description:	ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE
Hazardous Waste Code:	P024
Waste Code Description:	BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE
Hazardous Waste Code:	P026
Waste Code Description:	1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-
Hazardous Waste Code:	P027
Waste Code Description:	3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-
Hazardous Waste Code:	P029
Waste Code Description:	COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
Hazardous Waste Code:	P030
Waste Code Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Hazardous Waste Code:	P031
Waste Code Description:	CYANOGEN (OR) ETHANEDINITRILE
Hazardous Waste Code:	P033
Waste Code Description:	CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL
Hazardous Waste Code:	P034
Waste Code Description:	2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-
Hazardous Waste Code:	P036
Waste Code Description:	ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE
Hazardous Waste Code:	P037
Waste Code Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN
Hazardous Waste Code:	P038
Waste Code Description:	ARSINE, DIETHYL- (OR) DIETHYLARSINE
Hazardous Waste Code:	P039
Waste Code Description:	DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER
Hazardous Waste Code:	P040
Waste Code Description:	O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER
Hazardous Waste Code:	P041
Waste Code Description:	DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER
Hazardous Waste Code:	P042
Waste Code Description:	1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE
Hazardous Waste Code:	P043
Waste Code Description:	DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER
Hazardous Waste Code:	P044
Waste Code Description:	DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER
Hazardous Waste Code:	P045
Waste Code Description:	2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX
Hazardous Waste Code:	P046
Waste Code Description:	ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Hazardous Waste Code:	P047
Waste Code Description:	4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS
Hazardous Waste Code:	P048
Waste Code Description:	2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-
Hazardous Waste Code:	P049
Waste Code Description:	DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH
Hazardous Waste Code:	P050
Waste Code Description:	6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN
Hazardous Waste Code:	P051
Waste Code Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES
Hazardous Waste Code:	P054
Waste Code Description:	AZIRIDINE (OR) ETHYLENEIMINE
Hazardous Waste Code:	P056
Waste Code Description:	FLUORINE
Hazardous Waste Code:	P057
Waste Code Description:	ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE
Hazardous Waste Code:	P058
Waste Code Description:	ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT
Hazardous Waste Code:	P059
Waste Code Description:	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR
Hazardous Waste Code:	P060
Waste Code Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN
Hazardous Waste Code:	P062
Waste Code Description:	HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER
Hazardous Waste Code:	P063
Waste Code Description:	HYDROCYANIC ACID (OR) HYDROGEN CYANIDE
Hazardous Waste Code:	P064
Waste Code Description:	METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE
Hazardous Waste Code:	P065
Waste Code Description:	FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)
Hazardous Waste Code:	P066
Waste Code Description:	ETHANIMIDOTHIOIC ACID, N-[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL
Hazardous Waste Code:	P067
Waste Code Description:	1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-
Hazardous Waste Code:	P068
Waste Code Description:	HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE
Hazardous Waste Code:	P069
Waste Code Description:	2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-
Hazardous Waste Code:	P070
Waste Code Description:	ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME
Hazardous Waste Code:	P071
Waste Code Description:	METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER
Hazardous Waste Code:	P072
Waste Code Description:	ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-

Hazardous Waste Code: P073
Waste Code Description: NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-

Hazardous Waste Code: P074
Waste Code Description: NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P076
Waste Code Description: NITRIC OXIDE (OR) NITROGEN OXIDE NO

Hazardous Waste Code: P077
Waste Code Description: BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE

Hazardous Waste Code: P078
Waste Code Description: NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Code: P082
Waste Code Description: METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE

Hazardous Waste Code: P084
Waste Code Description: N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-

Hazardous Waste Code: P085
Waste Code Description: DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE

Hazardous Waste Code: P087
Waste Code Description: OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

Hazardous Waste Code: P088
Waste Code Description: 7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL

Hazardous Waste Code: P089
Waste Code Description: PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER

Hazardous Waste Code: P092
Waste Code Description: MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE

Hazardous Waste Code: P093
Waste Code Description: PHENYLTHIOUREA (OR) THIOUREA, PHENYL-

Hazardous Waste Code: P094
Waste Code Description: PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER

Hazardous Waste Code: P095
Waste Code Description: CARBONIC DICHLORIDE (OR) PHOSGENE

Hazardous Waste Code: P096
Waste Code Description: HYDROGEN PHOSPHIDE (OR) PHOSPHINE

Hazardous Waste Code: P097
Waste Code Description: FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER

Hazardous Waste Code: P098
Waste Code Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Hazardous Waste Code: P099
Waste Code Description: ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE

Hazardous Waste Code: P101
Waste Code Description: ETHYL CYANIDE (OR) PROPANENITRILE

Hazardous Waste Code: P102

Waste Code Description: 2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL

Hazardous Waste Code: P103
Waste Code Description: SELENOUREA

Hazardous Waste Code: P104
Waste Code Description: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

Hazardous Waste Code: P105
Waste Code Description: SODIUM AZIDE

Hazardous Waste Code: P106
Waste Code Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Hazardous Waste Code: P107
Waste Code Description: STRONTIUM SULFIDE SRS

Hazardous Waste Code: P108
Waste Code Description: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

Hazardous Waste Code: P109
Waste Code Description: TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER

Hazardous Waste Code: P110
Waste Code Description: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD

Hazardous Waste Code: P111
Waste Code Description: DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE

Hazardous Waste Code: P112
Waste Code Description: METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)

Hazardous Waste Code: P113
Waste Code Description: THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3

Hazardous Waste Code: P114
Waste Code Description: SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE

Hazardous Waste Code: P115
Waste Code Description: SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE

Hazardous Waste Code: P116
Waste Code Description: HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE

Hazardous Waste Code: P118
Waste Code Description: METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL

Hazardous Waste Code: P119
Waste Code Description: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

Hazardous Waste Code: P120
Waste Code Description: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

Hazardous Waste Code: P121
Waste Code Description: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

Hazardous Waste Code: P122
Waste Code Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)

Hazardous Waste Code: P123
Waste Code Description: TOXAPHENE

Hazardous Waste Code: U001
Waste Code Description: ACETALDEHYDE (I) (OR) ETHANAL (I)

Hazardous Waste Code: U012
Waste Code Description: ANILINE (I,T) (OR) BENZENAMINE (I,T)

Hazardous Waste Code: U014

Waste Code Description: AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-

Hazardous Waste Code: U015
Waste Code Description: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

Hazardous Waste Code: U016
Waste Code Description: BENZ[C]ACRIDINE

Hazardous Waste Code: U017
Waste Code Description: BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-

Hazardous Waste Code: U018
Waste Code Description: BENZ[A]ANTHRACENE

Hazardous Waste Code: U019
Waste Code Description: BENZENE (I,T)

Hazardous Waste Code: U020
Waste Code Description: BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)

Hazardous Waste Code: U021
Waste Code Description: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

Hazardous Waste Code: U022
Waste Code Description: BENZO[A]PYRENE

Hazardous Waste Code: U023
Waste Code Description: BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)

Hazardous Waste Code: U024
Waste Code Description: DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-

Hazardous Waste Code: U025
Waste Code Description: DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-

Hazardous Waste Code: U026
Waste Code Description: CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-

Hazardous Waste Code: U027
Waste Code Description: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

Hazardous Waste Code: U028
Waste Code Description: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

Hazardous Waste Code: U029
Waste Code Description: METHANE, BROMO- (OR) METHYL BROMIDE

Hazardous Waste Code: U030
Waste Code Description: 4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-

Hazardous Waste Code: U031
Waste Code Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Hazardous Waste Code: U032
Waste Code Description: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

Hazardous Waste Code: U033
Waste Code Description: CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE

Hazardous Waste Code: U034
Waste Code Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Hazardous Waste Code: U035
Waste Code Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Hazardous Waste Code: U036
Waste Code Description: 4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS

Hazardous Waste Code:	U037
Waste Code Description:	BENZENE, CHLORO- (OR) CHLOROBENZENE
Hazardous Waste Code:	U038
Waste Code Description:	BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE
Hazardous Waste Code:	U039
Waste Code Description:	P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-
Hazardous Waste Code:	U041
Waste Code Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Hazardous Waste Code:	U042
Waste Code Description:	2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-
Hazardous Waste Code:	U043
Waste Code Description:	ETHENE, CHLORO- (OR) VINYL CHLORIDE
Hazardous Waste Code:	U044
Waste Code Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Hazardous Waste Code:	U045
Waste Code Description:	METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)
Hazardous Waste Code:	U046
Waste Code Description:	CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-
Hazardous Waste Code:	U047
Waste Code Description:	BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-
Hazardous Waste Code:	U048
Waste Code Description:	O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-
Hazardous Waste Code:	U049
Waste Code Description:	4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE
Hazardous Waste Code:	U050
Waste Code Description:	CHRYSENE
Hazardous Waste Code:	U051
Waste Code Description:	CREOSOTE
Hazardous Waste Code:	U052
Waste Code Description:	CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-
Hazardous Waste Code:	U053
Waste Code Description:	2-BUTENAL (OR) CROTONALDEHYDE
Hazardous Waste Code:	U055
Waste Code Description:	BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)
Hazardous Waste Code:	U056
Waste Code Description:	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
Hazardous Waste Code:	U057
Waste Code Description:	CYCLOHEXANONE (I)
Hazardous Waste Code:	U058
Waste Code Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Hazardous Waste Code:	U059
Waste Code Description:	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN
Hazardous Waste Code:	U060

Waste Code Description: BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD

Hazardous Waste Code: U061
Waste Code Description: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT

Hazardous Waste Code: U062
Waste Code Description: CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALLATE

Hazardous Waste Code: U063
Waste Code Description: DIBENZ[A,H]ANTHRACENE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19801119
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Part A

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F004
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code:	F005
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F006
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Hazardous Waste Code:	F007
Waste Code Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Hazardous Waste Code:	F008
Waste Code Description:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F009
Waste Code Description:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F010
Waste Code Description:	QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F011
Waste Code Description:	SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.
Hazardous Waste Code:	F012
Waste Code Description:	QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	F019
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
Hazardous Waste Code:	P001
Waste Code Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Hazardous Waste Code:	P002
Waste Code Description:	1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-
Hazardous Waste Code:	P003
Waste Code Description:	2-PROPENAL (OR) ACROLEIN
Hazardous Waste Code:	P004
Waste Code Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN
Hazardous Waste Code:	P005
Waste Code Description:	2-PROPEN-1-OL (OR) ALLYL ALCOHOL
Hazardous Waste Code:	P006
Waste Code Description:	ALUMINUM PHOSPHIDE (R,T)
Hazardous Waste Code:	P007
Waste Code Description:	3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL
Hazardous Waste Code:	P008
Waste Code Description:	4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE

Hazardous Waste Code:	P009
Waste Code Description:	AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)
Hazardous Waste Code:	P010
Waste Code Description:	ARSENIC ACID H3ASO4
Hazardous Waste Code:	P011
Waste Code Description:	ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE
Hazardous Waste Code:	P012
Waste Code Description:	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Hazardous Waste Code:	P013
Waste Code Description:	BARIUM CYANIDE
Hazardous Waste Code:	P014
Waste Code Description:	BENZENETHIOL (OR) THIOPHENOL
Hazardous Waste Code:	P015
Waste Code Description:	BERYLLIUM
Hazardous Waste Code:	P016
Waste Code Description:	DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-
Hazardous Waste Code:	P017
Waste Code Description:	2-PROPANONE, 1-BROMO- (OR) BROMOACETONE
Hazardous Waste Code:	P018
Waste Code Description:	BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-
Hazardous Waste Code:	P020
Waste Code Description:	DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
Hazardous Waste Code:	P021
Waste Code Description:	CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2
Hazardous Waste Code:	P022
Waste Code Description:	CARBON DISULFIDE
Hazardous Waste Code:	P023
Waste Code Description:	ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE
Hazardous Waste Code:	P024
Waste Code Description:	BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE
Hazardous Waste Code:	P026
Waste Code Description:	1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-
Hazardous Waste Code:	P027
Waste Code Description:	3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-
Hazardous Waste Code:	P029
Waste Code Description:	COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
Hazardous Waste Code:	P030
Waste Code Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Hazardous Waste Code:	P031
Waste Code Description:	CYANOGEN (OR) ETHANEDINITRILE
Hazardous Waste Code:	P033
Waste Code Description:	CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL
Hazardous Waste Code:	P034
Waste Code Description:	2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-
Hazardous Waste Code:	P036
Waste Code Description:	ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE

Hazardous Waste Code:	P037
Waste Code Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN
Hazardous Waste Code:	P038
Waste Code Description:	ARSINE, DIETHYL- (OR) DIETHYLARSINE
Hazardous Waste Code:	P039
Waste Code Description:	DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER
Hazardous Waste Code:	P040
Waste Code Description:	O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER
Hazardous Waste Code:	P041
Waste Code Description:	DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER
Hazardous Waste Code:	P042
Waste Code Description:	1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE
Hazardous Waste Code:	P043
Waste Code Description:	DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER
Hazardous Waste Code:	P044
Waste Code Description:	DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER
Hazardous Waste Code:	P045
Waste Code Description:	2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX
Hazardous Waste Code:	P046
Waste Code Description:	ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-
Hazardous Waste Code:	P047
Waste Code Description:	4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS
Hazardous Waste Code:	P048
Waste Code Description:	2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-
Hazardous Waste Code:	P049
Waste Code Description:	DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH
Hazardous Waste Code:	P050
Waste Code Description:	6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN
Hazardous Waste Code:	P051
Waste Code Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES
Hazardous Waste Code:	P054
Waste Code Description:	AZIRIDINE (OR) ETHYLENEIMINE
Hazardous Waste Code:	P056
Waste Code Description:	FLUORINE
Hazardous Waste Code:	P057
Waste Code Description:	ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE
Hazardous Waste Code:	P058
Waste Code Description:	ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT
Hazardous Waste Code:	P059
Waste Code Description:	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR
Hazardous Waste Code:	P060

Waste Code Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN
Hazardous Waste Code:	P062
Waste Code Description:	HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER
Hazardous Waste Code:	P063
Waste Code Description:	HYDROCYANIC ACID (OR) HYDROGEN CYANIDE
Hazardous Waste Code:	P064
Waste Code Description:	METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE
Hazardous Waste Code:	P065
Waste Code Description:	FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)
Hazardous Waste Code:	P066
Waste Code Description:	ETHANIMIDOTHIOIC ACID, N-[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL
Hazardous Waste Code:	P067
Waste Code Description:	1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-
Hazardous Waste Code:	P068
Waste Code Description:	HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE
Hazardous Waste Code:	P069
Waste Code Description:	2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-
Hazardous Waste Code:	P070
Waste Code Description:	ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME
Hazardous Waste Code:	P071
Waste Code Description:	METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER
Hazardous Waste Code:	P072
Waste Code Description:	ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-
Hazardous Waste Code:	P073
Waste Code Description:	NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-
Hazardous Waste Code:	P074
Waste Code Description:	NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2
Hazardous Waste Code:	P075
Waste Code Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Hazardous Waste Code:	P076
Waste Code Description:	NITRIC OXIDE (OR) NITROGEN OXIDE NO
Hazardous Waste Code:	P077
Waste Code Description:	BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE
Hazardous Waste Code:	P078
Waste Code Description:	NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2
Hazardous Waste Code:	P081
Waste Code Description:	1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
Hazardous Waste Code:	P082
Waste Code Description:	METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE
Hazardous Waste Code:	P084
Waste Code Description:	N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-
Hazardous Waste Code:	P085
Waste Code Description:	DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE
Hazardous Waste Code:	P087
Waste Code Description:	OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

Hazardous Waste Code:	P088
Waste Code Description:	7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL
Hazardous Waste Code:	P089
Waste Code Description:	PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER
Hazardous Waste Code:	P092
Waste Code Description:	MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE
Hazardous Waste Code:	P093
Waste Code Description:	PHENYLTHIOUREA (OR) THIOUREA, PHENYL-
Hazardous Waste Code:	P094
Waste Code Description:	PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER
Hazardous Waste Code:	P095
Waste Code Description:	CARBONIC DICHLORIDE (OR) PHOSGENE
Hazardous Waste Code:	P096
Waste Code Description:	HYDROGEN PHOSPHIDE (OR) PHOSPHINE
Hazardous Waste Code:	P097
Waste Code Description:	FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER
Hazardous Waste Code:	P098
Waste Code Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Hazardous Waste Code:	P099
Waste Code Description:	ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE
Hazardous Waste Code:	P101
Waste Code Description:	ETHYL CYANIDE (OR) PROPANENITRILE
Hazardous Waste Code:	P102
Waste Code Description:	2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL
Hazardous Waste Code:	P103
Waste Code Description:	SELENOUREA
Hazardous Waste Code:	P104
Waste Code Description:	SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)
Hazardous Waste Code:	P105
Waste Code Description:	SODIUM AZIDE
Hazardous Waste Code:	P106
Waste Code Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Hazardous Waste Code:	P107
Waste Code Description:	STRONTIUM SULFIDE SRS
Hazardous Waste Code:	P108
Waste Code Description:	STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS
Hazardous Waste Code:	P109
Waste Code Description:	TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER
Hazardous Waste Code:	P110
Waste Code Description:	PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD
Hazardous Waste Code:	P111
Waste Code Description:	DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE
Hazardous Waste Code:	P112
Waste Code Description:	METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)
Hazardous Waste Code:	P113
Waste Code Description:	THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3

Hazardous Waste Code: P114
Waste Code Description: SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE

Hazardous Waste Code: P115
Waste Code Description: SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE

Hazardous Waste Code: P116
Waste Code Description: HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE

Hazardous Waste Code: P118
Waste Code Description: METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL

Hazardous Waste Code: P119
Waste Code Description: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

Hazardous Waste Code: P120
Waste Code Description: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

Hazardous Waste Code: P121
Waste Code Description: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

Hazardous Waste Code: P122
Waste Code Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)

Hazardous Waste Code: P123
Waste Code Description: TOXAPHENE

Hazardous Waste Code: U001
Waste Code Description: ACETALDEHYDE (I) (OR) ETHANAL (I)

Hazardous Waste Code: U012
Waste Code Description: ANILINE (I,T) (OR) BENZENAMINE (I,T)

Hazardous Waste Code: U014
Waste Code Description: AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-

Hazardous Waste Code: U015
Waste Code Description: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

Hazardous Waste Code: U016
Waste Code Description: BENZ[C]ACRIDINE

Hazardous Waste Code: U017
Waste Code Description: BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-

Hazardous Waste Code: U018
Waste Code Description: BENZ[A]ANTHRACENE

Hazardous Waste Code: U019
Waste Code Description: BENZENE (I,T)

Hazardous Waste Code: U020
Waste Code Description: BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)

Hazardous Waste Code: U021
Waste Code Description: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

Hazardous Waste Code: U022
Waste Code Description: BENZO[A]PYRENE

Hazardous Waste Code: U023
Waste Code Description: BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)

Hazardous Waste Code: U024
Waste Code Description: DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-

Hazardous Waste Code: U025
Waste Code Description: DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-

Hazardous Waste Code: U026
Waste Code Description: CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-

Hazardous Waste Code: U027
Waste Code Description: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

Hazardous Waste Code: U028
Waste Code Description: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

Hazardous Waste Code: U029
Waste Code Description: METHANE, BROMO- (OR) METHYL BROMIDE

Hazardous Waste Code: U030
Waste Code Description: 4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-

Hazardous Waste Code: U031
Waste Code Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Hazardous Waste Code: U032
Waste Code Description: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

Hazardous Waste Code: U033
Waste Code Description: CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE

Hazardous Waste Code: U034
Waste Code Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Hazardous Waste Code: U035
Waste Code Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Hazardous Waste Code: U036
Waste Code Description: 4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS

Hazardous Waste Code: U037
Waste Code Description: BENZENE, CHLORO- (OR) CHLOROBENZENE

Hazardous Waste Code: U038
Waste Code Description: BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE

Hazardous Waste Code: U039
Waste Code Description: P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-

Hazardous Waste Code: U041
Waste Code Description: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

Hazardous Waste Code: U042
Waste Code Description: 2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-

Hazardous Waste Code: U043
Waste Code Description: ETHENE, CHLORO- (OR) VINYL CHLORIDE

Hazardous Waste Code: U044
Waste Code Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Hazardous Waste Code: U045
Waste Code Description: METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)

Hazardous Waste Code: U046
Waste Code Description: CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-

Hazardous Waste Code: U047
Waste Code Description: BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-

Hazardous Waste Code: U048
Waste Code Description: O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-

Hazardous Waste Code: U049
Waste Code Description: 4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE

Hazardous Waste Code: U050
Waste Code Description: CHRYSENE

Hazardous Waste Code: U051
Waste Code Description: CREOSOTE

Hazardous Waste Code: U052
Waste Code Description: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

Hazardous Waste Code: U053
Waste Code Description: 2-BUTENAL (OR) CROTONALDEHYDE

Hazardous Waste Code: U055
Waste Code Description: BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)

Hazardous Waste Code: U056
Waste Code Description: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

Hazardous Waste Code: U057
Waste Code Description: CYCLOHEXANONE (I)

Hazardous Waste Code: U058
Waste Code Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Hazardous Waste Code: U059
Waste Code Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Hazardous Waste Code: U060
Waste Code Description: BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD

Hazardous Waste Code: U061
Waste Code Description: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT

Hazardous Waste Code: U062
Waste Code Description: CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALLATE

Hazardous Waste Code: U063
Waste Code Description: DIBENZ[A,H]ANTHRACENE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900301
Handler Name: RADIAC RESEARCH CORPORATION
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920227
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19940325

Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19960306
Handler Name: RADIAC RESEARCH CORP.
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19980227
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990729
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20010101
Handler Name: RADIAC RESEARCH CORP.
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20020211
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20040223
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060207
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20060208
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U001
Waste Code Description: ACETALDEHYDE (I) (OR) ETHANAL (I)

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20121002
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20170525
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20180814
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20190305
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report

Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: NO NAME FOUND
Date Became Current: 19860101
Date Ended Current:
Phone:
Source Type: Implementer
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: SAM & ETHEL LOEFFLER
Date Became Current: 19740101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1: ALTON PKWY
Street 2:
City: SILVER SPRING
State: MD
Country: US
Zip Code: 20910

Owner/Operator Ind: Current Owner
Type: Private
Name: SAM ETHEL LOEFFLER
Date Became Current: 19740101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1: ALTON PKWY
Street 2:
City: SILVER SPRING
State: MD
Country: US
Zip Code: 20910

Owner/Operator Ind: Current Operator
Type: Private
Name: RADIAC RESEARCH CORP
Date Became Current: 19860604
Date Ended Current:
Phone:
Source Type: Implementer
Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: RADIAC RESEARCH CORP
Date Became Current: 19860101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: RADIAC RESEARCH CORP
Date Became Current: 19860604
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Owner
Type: Private
Name: SAM & ETHEL LOEFFLER
Date Became Current: 19740105
Date Ended Current:
Phone:
Source Type: Implementer
Street No: 9115
Street 1: ALTON PKWY
Street 2:
City: SILVER SPRINGS
State: MD
Country: US
Zip Code: 20910

Owner/Operator Ind: Current Operator
Type: Private
Street No:
Street 1:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	RADIAC RESEARCH CORP	**Street 2:**	
Date Became Current:	19860604	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	261 KENT AVE
Name:	JOHN V TEKIN ELLERY K FOLEY ARTHUR GREEN	**Street 2:**	
Date Became Current:		**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	718-963-2233	**Country:**	
Source Type:	Part A	**Zip Code:**	11211
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	261 KENT AVE
Name:	JOHN TEKIN-ELLEREY FOLEY-ARTHUR GREEN	**Street 2:**	
Date Became Current:		**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	212-963-2233	**Country:**	
Source Type:	Notification	**Zip Code:**	11211
Owner/Operator Ind:	Current Owner	**Street No:**	9115
Type:	Private	**Street 1:**	ALTON PKWY
Name:	SAM & ETHEL LOEFFLER	**Street 2:**	
Date Became Current:	19740105	**City:**	SILVER SPRINGS
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	20910
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	ALTON PKWY
Name:	SAM & ETHEL LOEFFLER	**Street 2:**	
Date Became Current:	19740101	**City:**	SILVER SPRING
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Implementer	**Zip Code:**	20910
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	ALTON PKWY
Name:	RADIAC RESEARCH CORP	**Street 2:**	
Date Became Current:	19860101	**City:**	SILVER SPRING
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	20910

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EPA Handler ID:	NYD049178296
Gen Status Universe:	No Report
Contact Name:	JOHN V TEKIN JR
Contact Address:	261 , KENT AVE , , BROOKLYN , NY, 11249 , US
Contact Phone No and Ext:	718-963-2233 201
Contact Email:	JTEKIN@RADIACENV.COM
Contact Country:	US
Land Type:	Private
County Name:	KINGS
EPA Region:	02
Receive Date:	20190305

Violation/Evaluation Summary

Note:	VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with

this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated June, 2019.

Violation Details

Citation:
Violation Short Description: Transporters - General
Violation Type: 263.A
Violation Determined Date: 20061103
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20080905
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20080728
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20080905
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 5000
Paid Amount: 5000

Violation Details

Citation:
Violation Short Description: Universal Waste - Small Quantity Handlers
Violation Type: 273.B
Violation Determined Date: 20061103
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20080905
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20080728
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20080905
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 5000
Paid Amount: 5000

Violation Details

Citation: SR - 373 Permit/373-2.9(h)(3)
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20040624
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20040624
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120

Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20041014
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 373 Permit
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20040624
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20040624
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20041014
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 373 Permit/373-2.3(b)
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20040624
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20040624
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20041014
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: Transporters - Manifest and Recordkeeping
Violation Type: 263.B
Violation Determined Date: 20010508
Scheduled Compliance Date:
Return to Compliance: Observed

Actual Return to Compl: 20010621
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20020508
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20000328
Scheduled Compliance Date: 20000905
Return to Compliance: Observed
Actual Return to Compl: 20000908
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20000508
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 20000328
Scheduled Compliance Date: 20000905
Return to Compliance: Observed
Actual Return to Compl: 20000908
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20000508
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990927
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990927
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20000215
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 20000
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19990927
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:

Enforcement Lead Agency:	State
Proposed Penalty Amount:	
Final Amount:	20000
Paid Amount:	20000

Violation Details

Citation:	
Violation Short Description:	LDR - General
Violation Type:	268.A
Violation Determined Date:	19990927
Scheduled Compliance Date:	
Return to Compliance:	Observed
Actual Return to Compl:	20000404
Violation Responsible Agency:	State

Enforcement Details

Enforcement Type:	210
Enforcement Type Description:	INITIAL 3008(A) COMPLIANCE
Enforcement Action Date:	20000215
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	20000
Final Amount:	
Paid Amount:	

Violation Details

Citation:	SR - 6nycrr373-2.3(d) & Permit Cond
Violation Short Description:	TSD - General
Violation Type:	264.A
Violation Determined Date:	19990726
Scheduled Compliance Date:	19990820
Return to Compliance:	Observed
Actual Return to Compl:	19990813
Violation Responsible Agency:	EPA

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	19990726
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	EPA
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Violation Details

Citation:	
Violation Short Description:	TSD - General
Violation Type:	264.A
Violation Determined Date:	19990420
Scheduled Compliance Date:	
Return to Compliance:	Observed
Actual Return to Compl:	20000404
Violation Responsible Agency:	State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19990423
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19990420
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19990420
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19990423
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A

Violation Determined Date: 19990420
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19980515
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19981027
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 24995
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19980515
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19980515
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19981027
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 24995
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19980515
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19970428
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE

Enforcement Action Date: 19971002
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 1200
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19970428
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19970428
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20000404
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19971002
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 1200
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19970428
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000404

Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20000404
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 20000
Paid Amount: 20000

Violation Details

Citation: SR - 6NYCRR373-2.2(g)(2) & (4)
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19970131
Return to Compliance: Observed
Actual Return to Compl: 19971217
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: FR - 40cfr265.32(c)and 265.33
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19960708
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628

Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: FR - 40CFR265.16(d)(4) & (e)
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19960708
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: SR - 6nycrr373-2.5(d)(1), 373-2.2(h
Violation Short Description: Permits - Application
Violation Type: 270.B
Violation Determined Date: 19960628
Scheduled Compliance Date: 19970131
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210

Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: SR - iNYCRR373-2.2(h)(5)
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 19950607
Scheduled Compliance Date: 19950710
Return to Compliance: Observed
Actual Return to Compl: 19960417
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation: SR - 6NYCRR373-2.3(f)
Violation Short Description: TSD - Preparedness and Prevention
Violation Type: 264.C
Violation Determined Date: 19950607
Scheduled Compliance Date: 19950712
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Violation Details

Citation: SR - 6NYCRR 376.5(a)(1)(ii)('a')
Violation Short Description: TSD - Container Use and Management
Violation Type: 264.I
Violation Determined Date: 19950607
Scheduled Compliance Date: 19960708
Return to Compliance: Observed
Actual Return to Compl: 19960708
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19970305
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount: 12100
Paid Amount: 12100

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19960628
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19941216
Scheduled Compliance Date: 19950214
Return to Compliance: Observed
Actual Return to Compl: 19950517
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19941216
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - Manifest/Records/Reporting
Violation Type: 264.E
Violation Determined Date: 19941216
Scheduled Compliance Date: 19950116
Return to Compliance: Observed
Actual Return to Compl: 19950130
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19941216
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19941216
Scheduled Compliance Date: 19950214
Return to Compliance: Observed
Actual Return to Compl: 19950517
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19941216
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A

Violation Determined Date: 19910201
Scheduled Compliance Date: 19910728
Return to Compliance: Observed
Actual Return to Compl: 19920130
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19910528
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 40000
Paid Amount: 40000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19901221
Scheduled Compliance Date: 19910121
Return to Compliance: Observed
Actual Return to Compl: 19910528
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19900720
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19900726
Scheduled Compliance Date: 19910728
Return to Compliance: Observed
Actual Return to Compl: 19920130
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19910528
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 40000
Paid Amount: 40000

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19900720
Scheduled Compliance Date: 19900820
Return to Compliance: Observed
Actual Return to Compl: 19910528
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19900720
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19900511
Scheduled Compliance Date: 19900922
Return to Compliance: Observed
Actual Return to Compl: 19900924
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19900511
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19860919
Scheduled Compliance Date: 19861019
Return to Compliance: Observed
Actual Return to Compl: 19860930
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL

Enforcement Action Date: 19860919
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19860515
Scheduled Compliance Date: 19860615
Return to Compliance: Observed
Actual Return to Compl: 19860820
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19860515
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19860502
Scheduled Compliance Date: 19860602
Return to Compliance: Observed
Actual Return to Compl: 19860711
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19860502
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19840731
Scheduled Compliance Date: 19850427
Return to Compliance: Observed
Actual Return to Compl: 19850712

Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19850327
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20130322
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120913
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20100217
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20080905
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20080905
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20071105
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description: Transporters - General
Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20071105
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description: Universal Waste - Small Quantity Handlers
Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20061128
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20061103
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Universal Waste - Small Quantity Handlers

Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20061103
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Transporters - General
Return to Compliance Date: 20080905
Evaluation Agency: State

Evaluation Start Date: 20060520
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20060511
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20040624
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20040624
Evaluation Agency: State

Evaluation Start Date: 20040310
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20040220
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20030827
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20030708
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20030304
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020815
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020711
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20020301
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020201
Evaluation Type Description: CASE DEVELOPMENT INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010928
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010712
Evaluation Type Description: CASE DEVELOPMENT INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010606
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010508
Evaluation Type Description: CASE DEVELOPMENT INSPECTION
Violation Short Description: Transporters - Manifest and Recordkeeping
Return to Compliance Date: 20010621
Evaluation Agency: State

Evaluation Start Date: 20010309
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20001128
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20000908
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20000328
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000908
Evaluation Agency: State

Evaluation Start Date: 20000328
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000908
Evaluation Agency: State

Evaluation Start Date: 19990927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General

Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19990927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19990617
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19990813
Evaluation Agency: EPA

Evaluation Start Date: 19990420
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19990303
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19990303
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19980319
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19980319
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19970305
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19970225
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19970225
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20000404
Evaluation Agency: State

Evaluation Start Date: 19960628
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19960417
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Permits - Application
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19960417
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19960417
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 19971217
Evaluation Agency: EPA

Evaluation Start Date: 19950524
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Container Use and Management
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19950524
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 19960417
Evaluation Agency: EPA

Evaluation Start Date: 19950524
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Preparedness and Prevention
Return to Compliance Date: 19960708
Evaluation Agency: EPA

Evaluation Start Date: 19940927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19950517
Evaluation Agency: State

Evaluation Start Date: 19940927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 19950517
Evaluation Agency: State

Evaluation Start Date: 19940927
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Manifest/Records/Reporting
Return to Compliance Date: 19950130
Evaluation Agency: State

Evaluation Start Date: 19930920
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920921
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920130
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:

Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19910930
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19910201
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19901221
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19920130
Evaluation Agency: State

Evaluation Start Date: 19901221
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19910528
Evaluation Agency: EPA

Evaluation Start Date: 19900720
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19910528
Evaluation Agency: EPA

Evaluation Start Date: 19900706
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19920130
Evaluation Agency: State

Evaluation Start Date: 19900228
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19900924
Evaluation Agency: State

Evaluation Start Date: 19890215
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19871109
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19870911
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19870903
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19870212
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19870211
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19870211
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19861022
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19860825
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19860930
Evaluation Agency: State

Evaluation Start Date: 19860825
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19860611
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19860516
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19860515
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19860820
Evaluation Agency: State

Evaluation Start Date: 19860228
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19860711
Evaluation Agency: State

Evaluation Start Date: 19860228
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19850627
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:

Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19840731
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19850712
Evaluation Agency: State

Evaluation Start Date: 19840430
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19840104
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: Yes
Transfer Facility: Yes
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19800721
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D019

Waste Code Description: CARBON TETRACHLORIDE

Hazardous Waste Code: D020
Waste Code Description: CHLORDANE

Hazardous Waste Code: D021
Waste Code Description: CHLOROBENZENE

Hazardous Waste Code: D022
Waste Code Description: CHLOROFORM

Hazardous Waste Code: D023
Waste Code Description: O-CRESOL

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: D025
Waste Code Description: P-CRESOL

Hazardous Waste Code: D026
Waste Code Description: CRESOL

Hazardous Waste Code: D027
Waste Code Description: 1,4-DICHLOROBENZENE

Hazardous Waste Code: D028
Waste Code Description: 1,2-DICHLOROETHANE

Hazardous Waste Code: D029
Waste Code Description: 1,1-DICHLOROETHYLENE

Hazardous Waste Code: D030
Waste Code Description: 2,4-DINITROTOLUENE

Hazardous Waste Code: D031
Waste Code Description: HEPTACHLOR (AND ITS EPOXIDE)

Hazardous Waste Code: D032
Waste Code Description: HEXACHLOROBENZENE

Hazardous Waste Code: D033
Waste Code Description: HEXACHLOROBUTADIENE

Hazardous Waste Code: D034
Waste Code Description: HEXACHLOROETHANE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D036
Waste Code Description: NITROBENZENE

Hazardous Waste Code: D038
Waste Code Description: PYRIDINE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: D042
Waste Code Description: 2,4,6-TRICHLOROPHENOL

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F004
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F010
Waste Code Description: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F011
Waste Code Description: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

Hazardous Waste Code: F012
Waste Code Description: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F019

Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
Hazardous Waste Code:	P001
Waste Code Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Hazardous Waste Code:	P002
Waste Code Description:	1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-
Hazardous Waste Code:	P003
Waste Code Description:	2-PROPENAL (OR) ACROLEIN
Hazardous Waste Code:	P004
Waste Code Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN
Hazardous Waste Code:	P005
Waste Code Description:	2-PROPEN-1-OL (OR) ALLYL ALCOHOL
Hazardous Waste Code:	P006
Waste Code Description:	ALUMINUM PHOSPHIDE (R,T)
Hazardous Waste Code:	P007
Waste Code Description:	3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL
Hazardous Waste Code:	P008
Waste Code Description:	4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE
Hazardous Waste Code:	P009
Waste Code Description:	AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)
Hazardous Waste Code:	P010
Waste Code Description:	ARSENIC ACID H3ASO4
Hazardous Waste Code:	P011
Waste Code Description:	ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE
Hazardous Waste Code:	P012
Waste Code Description:	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Hazardous Waste Code:	P013
Waste Code Description:	BARIUM CYANIDE
Hazardous Waste Code:	P014
Waste Code Description:	BENZENETHIOL (OR) THIOPHENOL
Hazardous Waste Code:	P015
Waste Code Description:	BERYLLIUM
Hazardous Waste Code:	P016
Waste Code Description:	DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-
Hazardous Waste Code:	P017
Waste Code Description:	2-PROPANONE, 1-BROMO- (OR) BROMOACETONE
Hazardous Waste Code:	P018
Waste Code Description:	BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-
Hazardous Waste Code:	P020
Waste Code Description:	DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
Hazardous Waste Code:	P021
Waste Code Description:	CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2
Hazardous Waste Code:	P022
Waste Code Description:	CARBON DISULFIDE

Hazardous Waste Code: P023
Waste Code Description: ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE

Hazardous Waste Code: P024
Waste Code Description: BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE

Hazardous Waste Code: P026
Waste Code Description: 1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-

Hazardous Waste Code: P027
Waste Code Description: 3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-

Hazardous Waste Code: P029
Waste Code Description: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

Hazardous Waste Code: P030
Waste Code Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Hazardous Waste Code: P031
Waste Code Description: CYANOGEN (OR) ETHANEDINITRILE

Hazardous Waste Code: P033
Waste Code Description: CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL

Hazardous Waste Code: P034
Waste Code Description: 2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-

Hazardous Waste Code: P036
Waste Code Description: ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE

Hazardous Waste Code: P037
Waste Code Description: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

Hazardous Waste Code: P038
Waste Code Description: ARSINE, DIETHYL- (OR) DIETHYLARSINE

Hazardous Waste Code: P039
Waste Code Description: DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER

Hazardous Waste Code: P040
Waste Code Description: O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER

Hazardous Waste Code: P041
Waste Code Description: DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P043
Waste Code Description: DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER

Hazardous Waste Code: P044
Waste Code Description: DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER

Hazardous Waste Code: P045
Waste Code Description: 2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX

Hazardous Waste Code: P046
Waste Code Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Hazardous Waste Code: P047
Waste Code Description: 4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS

Hazardous Waste Code: P048

Waste Code Description:	2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-
Hazardous Waste Code:	P049
Waste Code Description:	DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH
Hazardous Waste Code:	P050
Waste Code Description:	6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN
Hazardous Waste Code:	P051
Waste Code Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES
Hazardous Waste Code:	P054
Waste Code Description:	AZIRIDINE (OR) ETHYLENEIMINE
Hazardous Waste Code:	P056
Waste Code Description:	FLUORINE
Hazardous Waste Code:	P057
Waste Code Description:	ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE
Hazardous Waste Code:	P058
Waste Code Description:	ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT
Hazardous Waste Code:	P059
Waste Code Description:	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR
Hazardous Waste Code:	P060
Waste Code Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN
Hazardous Waste Code:	P062
Waste Code Description:	HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER
Hazardous Waste Code:	P063
Waste Code Description:	HYDROCYANIC ACID (OR) HYDROGEN CYANIDE
Hazardous Waste Code:	P064
Waste Code Description:	METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE
Hazardous Waste Code:	P065
Waste Code Description:	FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)
Hazardous Waste Code:	P066
Waste Code Description:	ETHANIMIDOTHIOIC ACID, N-[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL
Hazardous Waste Code:	P067
Waste Code Description:	1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-
Hazardous Waste Code:	P068
Waste Code Description:	HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE
Hazardous Waste Code:	P069
Waste Code Description:	2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-
Hazardous Waste Code:	P070
Waste Code Description:	ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME
Hazardous Waste Code:	P071
Waste Code Description:	METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER
Hazardous Waste Code:	P072
Waste Code Description:	ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-
Hazardous Waste Code:	P073
Waste Code Description:	NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-

Hazardous Waste Code: P074
Waste Code Description: NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P076
Waste Code Description: NITRIC OXIDE (OR) NITROGEN OXIDE NO

Hazardous Waste Code: P077
Waste Code Description: BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE

Hazardous Waste Code: P078
Waste Code Description: NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Code: P082
Waste Code Description: METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE

Hazardous Waste Code: P084
Waste Code Description: N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-

Hazardous Waste Code: P085
Waste Code Description: DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE

Hazardous Waste Code: P087
Waste Code Description: OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

Hazardous Waste Code: P088
Waste Code Description: 7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL

Hazardous Waste Code: P089
Waste Code Description: PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER

Hazardous Waste Code: P092
Waste Code Description: MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE

Hazardous Waste Code: P093
Waste Code Description: PHENYLTHIOUREA (OR) THIOUREA, PHENYL-

Hazardous Waste Code: P094
Waste Code Description: PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER

Hazardous Waste Code: P095
Waste Code Description: CARBONIC DICHLORIDE (OR) PHOSGENE

Hazardous Waste Code: P096
Waste Code Description: HYDROGEN PHOSPHIDE (OR) PHOSPHINE

Hazardous Waste Code: P097
Waste Code Description: FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER

Hazardous Waste Code: P098
Waste Code Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Hazardous Waste Code: P099
Waste Code Description: ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE

Hazardous Waste Code: P101
Waste Code Description: ETHYL CYANIDE (OR) PROPANENITRILE

Hazardous Waste Code: P102
Waste Code Description: 2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL

Hazardous Waste Code: P103
Waste Code Description: SELENOUREA

Hazardous Waste Code: P104
Waste Code Description: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

Hazardous Waste Code: P105
Waste Code Description: SODIUM AZIDE

Hazardous Waste Code: P106
Waste Code Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Hazardous Waste Code: P107
Waste Code Description: STRONTIUM SULFIDE SRS

Hazardous Waste Code: P108
Waste Code Description: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

Hazardous Waste Code: P109
Waste Code Description: TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER

Hazardous Waste Code: P110
Waste Code Description: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD

Hazardous Waste Code: P111
Waste Code Description: DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE

Hazardous Waste Code: P112
Waste Code Description: METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)

Hazardous Waste Code: P113
Waste Code Description: THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3

Hazardous Waste Code: P114
Waste Code Description: SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE

Hazardous Waste Code: P115
Waste Code Description: SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE

Hazardous Waste Code: P116
Waste Code Description: HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE

Hazardous Waste Code: P118
Waste Code Description: METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL

Hazardous Waste Code: P119
Waste Code Description: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

Hazardous Waste Code: P120
Waste Code Description: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

Hazardous Waste Code: P121
Waste Code Description: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

Hazardous Waste Code: P122
Waste Code Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)

Hazardous Waste Code: P123
Waste Code Description: TOXAPHENE

Hazardous Waste Code: U001
Waste Code Description: ACETALDEHYDE (I) (OR) ETHANAL (I)

Hazardous Waste Code: U012
Waste Code Description: ANILINE (I,T) (OR) BENZENAMINE (I,T)

Hazardous Waste Code: U014
Waste Code Description: AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-

Hazardous Waste Code: U015
Waste Code Description: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

Hazardous Waste Code: U016
Waste Code Description: BENZ[C]ACRIDINE

Hazardous Waste Code: U017
Waste Code Description: BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-

Hazardous Waste Code: U018
Waste Code Description: BENZ[A]ANTHRACENE

Hazardous Waste Code: U019
Waste Code Description: BENZENE (I,T)

Hazardous Waste Code: U020
Waste Code Description: BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)

Hazardous Waste Code: U021
Waste Code Description: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

Hazardous Waste Code: U022
Waste Code Description: BENZO[A]PYRENE

Hazardous Waste Code: U023
Waste Code Description: BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)

Hazardous Waste Code: U024
Waste Code Description: DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-

Hazardous Waste Code: U025
Waste Code Description: DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-

Hazardous Waste Code: U026
Waste Code Description: CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-

Hazardous Waste Code: U027
Waste Code Description: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

Hazardous Waste Code: U028
Waste Code Description: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

Hazardous Waste Code: U029
Waste Code Description: METHANE, BROMO- (OR) METHYL BROMIDE

Hazardous Waste Code: U030
Waste Code Description: 4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-

Hazardous Waste Code: U031
Waste Code Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Hazardous Waste Code: U032
Waste Code Description: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

Hazardous Waste Code: U033
Waste Code Description: CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE

Hazardous Waste Code: U034
Waste Code Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Hazardous Waste Code: U035
Waste Code Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Hazardous Waste Code: U036
Waste Code Description: 4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS

Hazardous Waste Code: U037
Waste Code Description: BENZENE, CHLORO- (OR) CHLOROBENZENE

Hazardous Waste Code: U038

Waste Code Description:	BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE
Hazardous Waste Code:	U039
Waste Code Description:	P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-
Hazardous Waste Code:	U041
Waste Code Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Hazardous Waste Code:	U042
Waste Code Description:	2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-
Hazardous Waste Code:	U043
Waste Code Description:	ETHENE, CHLORO- (OR) VINYL CHLORIDE
Hazardous Waste Code:	U044
Waste Code Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Hazardous Waste Code:	U045
Waste Code Description:	METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)
Hazardous Waste Code:	U046
Waste Code Description:	CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-
Hazardous Waste Code:	U047
Waste Code Description:	BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-
Hazardous Waste Code:	U048
Waste Code Description:	O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-
Hazardous Waste Code:	U049
Waste Code Description:	4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE
Hazardous Waste Code:	U050
Waste Code Description:	CHRYSENE
Hazardous Waste Code:	U051
Waste Code Description:	CREOSOTE
Hazardous Waste Code:	U052
Waste Code Description:	CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-
Hazardous Waste Code:	U053
Waste Code Description:	2-BUTENAL (OR) CROTONALDEHYDE
Hazardous Waste Code:	U055
Waste Code Description:	BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)
Hazardous Waste Code:	U056
Waste Code Description:	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
Hazardous Waste Code:	U057
Waste Code Description:	CYCLOHEXANONE (I)
Hazardous Waste Code:	U058
Waste Code Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Hazardous Waste Code:	U059
Waste Code Description:	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN
Hazardous Waste Code:	U060
Waste Code Description:	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD
Hazardous Waste Code:	U061
Waste Code Description:	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT

Hazardous Waste Code: U062
Waste Code Description: CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALLATE

Hazardous Waste Code: U063
Waste Code Description: DIBENZ[A,H]ANTHRACENE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19801119
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Part A

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F004
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT

SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F010
Waste Code Description: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F011
Waste Code Description: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

Hazardous Waste Code: F012
Waste Code Description: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P002
Waste Code Description: 1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-

Hazardous Waste Code: P003
Waste Code Description: 2-PROPENAL (OR) ACROLEIN

Hazardous Waste Code: P004
Waste Code Description: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN

Hazardous Waste Code: P005
Waste Code Description: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

Hazardous Waste Code: P006
Waste Code Description: ALUMINUM PHOSPHIDE (R,T)

Hazardous Waste Code: P007
Waste Code Description: 3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL

Hazardous Waste Code: P008
Waste Code Description: 4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE

Hazardous Waste Code: P009
Waste Code Description: AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)

Hazardous Waste Code: P010
Waste Code Description: ARSENIC ACID H3ASO4

Hazardous Waste Code: P011
Waste Code Description: ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE

Hazardous Waste Code: P012
Waste Code Description: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

Hazardous Waste Code: P013
Waste Code Description: BARIUM CYANIDE

Hazardous Waste Code: P014
Waste Code Description: BENZENETHIOL (OR) THIOPHENOL

Hazardous Waste Code: P015
Waste Code Description: BERYLLIUM

Hazardous Waste Code: P016
Waste Code Description: DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-

Hazardous Waste Code: P017
Waste Code Description: 2-PROPANONE, 1-BROMO- (OR) BROMOACETONE

Hazardous Waste Code: P018
Waste Code Description: BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-

Hazardous Waste Code: P020
Waste Code Description: DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-

Hazardous Waste Code: P021
Waste Code Description: CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2

Hazardous Waste Code: P022
Waste Code Description: CARBON DISULFIDE

Hazardous Waste Code: P023
Waste Code Description: ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE

Hazardous Waste Code: P024
Waste Code Description: BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE

Hazardous Waste Code: P026
Waste Code Description: 1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-

Hazardous Waste Code: P027
Waste Code Description: 3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-

Hazardous Waste Code: P029
Waste Code Description: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

Hazardous Waste Code: P030
Waste Code Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Hazardous Waste Code: P031
Waste Code Description: CYANOGEN (OR) ETHANEDINITRILE

Hazardous Waste Code: P033
Waste Code Description: CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL

Hazardous Waste Code: P034
Waste Code Description: 2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-

Hazardous Waste Code: P036
Waste Code Description: ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE

Hazardous Waste Code: P037
Waste Code Description: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

Hazardous Waste Code:	P038
Waste Code Description:	ARSINE, DIETHYL- (OR) DIETHYLARSINE
Hazardous Waste Code:	P039
Waste Code Description:	DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER
Hazardous Waste Code:	P040
Waste Code Description:	O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER
Hazardous Waste Code:	P041
Waste Code Description:	DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER
Hazardous Waste Code:	P042
Waste Code Description:	1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE
Hazardous Waste Code:	P043
Waste Code Description:	DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER
Hazardous Waste Code:	P044
Waste Code Description:	DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER
Hazardous Waste Code:	P045
Waste Code Description:	2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX
Hazardous Waste Code:	P046
Waste Code Description:	ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-
Hazardous Waste Code:	P047
Waste Code Description:	4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS
Hazardous Waste Code:	P048
Waste Code Description:	2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-
Hazardous Waste Code:	P049
Waste Code Description:	DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH
Hazardous Waste Code:	P050
Waste Code Description:	6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN
Hazardous Waste Code:	P051
Waste Code Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES
Hazardous Waste Code:	P054
Waste Code Description:	AZIRIDINE (OR) ETHYLENEIMINE
Hazardous Waste Code:	P056
Waste Code Description:	FLUORINE
Hazardous Waste Code:	P057
Waste Code Description:	ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE
Hazardous Waste Code:	P058
Waste Code Description:	ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT
Hazardous Waste Code:	P059
Waste Code Description:	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR
Hazardous Waste Code:	P060
Waste Code Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN
Hazardous Waste Code:	P062

Waste Code Description:	HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER
Hazardous Waste Code:	P063
Waste Code Description:	HYDROCYANIC ACID (OR) HYDROGEN CYANIDE
Hazardous Waste Code:	P064
Waste Code Description:	METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE
Hazardous Waste Code:	P065
Waste Code Description:	FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)
Hazardous Waste Code:	P066
Waste Code Description:	ETHANIMIDOTHIOIC ACID, N-[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL
Hazardous Waste Code:	P067
Waste Code Description:	1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-
Hazardous Waste Code:	P068
Waste Code Description:	HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE
Hazardous Waste Code:	P069
Waste Code Description:	2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-
Hazardous Waste Code:	P070
Waste Code Description:	ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME
Hazardous Waste Code:	P071
Waste Code Description:	METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER
Hazardous Waste Code:	P072
Waste Code Description:	ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-
Hazardous Waste Code:	P073
Waste Code Description:	NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-
Hazardous Waste Code:	P074
Waste Code Description:	NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2
Hazardous Waste Code:	P075
Waste Code Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Hazardous Waste Code:	P076
Waste Code Description:	NITRIC OXIDE (OR) NITROGEN OXIDE NO
Hazardous Waste Code:	P077
Waste Code Description:	BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE
Hazardous Waste Code:	P078
Waste Code Description:	NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2
Hazardous Waste Code:	P081
Waste Code Description:	1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
Hazardous Waste Code:	P082
Waste Code Description:	METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE
Hazardous Waste Code:	P084
Waste Code Description:	N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-
Hazardous Waste Code:	P085
Waste Code Description:	DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE
Hazardous Waste Code:	P087
Waste Code Description:	OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE
Hazardous Waste Code:	P088
Waste Code Description:	7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL
Hazardous Waste Code:	P089

Waste Code Description:	PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER
Hazardous Waste Code:	P092
Waste Code Description:	MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE
Hazardous Waste Code:	P093
Waste Code Description:	PHENYLTHIOUREA (OR) THIOUREA, PHENYL-
Hazardous Waste Code:	P094
Waste Code Description:	PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER
Hazardous Waste Code:	P095
Waste Code Description:	CARBONIC DICHLORIDE (OR) PHOSGENE
Hazardous Waste Code:	P096
Waste Code Description:	HYDROGEN PHOSPHIDE (OR) PHOSPHINE
Hazardous Waste Code:	P097
Waste Code Description:	FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER
Hazardous Waste Code:	P098
Waste Code Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Hazardous Waste Code:	P099
Waste Code Description:	ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE
Hazardous Waste Code:	P101
Waste Code Description:	ETHYL CYANIDE (OR) PROPANENITRILE
Hazardous Waste Code:	P102
Waste Code Description:	2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL
Hazardous Waste Code:	P103
Waste Code Description:	SELENOUREA
Hazardous Waste Code:	P104
Waste Code Description:	SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)
Hazardous Waste Code:	P105
Waste Code Description:	SODIUM AZIDE
Hazardous Waste Code:	P106
Waste Code Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Hazardous Waste Code:	P107
Waste Code Description:	STRONTIUM SULFIDE SRS
Hazardous Waste Code:	P108
Waste Code Description:	STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS
Hazardous Waste Code:	P109
Waste Code Description:	TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER
Hazardous Waste Code:	P110
Waste Code Description:	PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD
Hazardous Waste Code:	P111
Waste Code Description:	DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE
Hazardous Waste Code:	P112
Waste Code Description:	METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)
Hazardous Waste Code:	P113
Waste Code Description:	THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3
Hazardous Waste Code:	P114
Waste Code Description:	SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE

Hazardous Waste Code: P115
Waste Code Description: SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE

Hazardous Waste Code: P116
Waste Code Description: HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE

Hazardous Waste Code: P118
Waste Code Description: METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL

Hazardous Waste Code: P119
Waste Code Description: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

Hazardous Waste Code: P120
Waste Code Description: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

Hazardous Waste Code: P121
Waste Code Description: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

Hazardous Waste Code: P122
Waste Code Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)

Hazardous Waste Code: P123
Waste Code Description: TOXAPHENE

Hazardous Waste Code: U001
Waste Code Description: ACETALDEHYDE (I) (OR) ETHANAL (I)

Hazardous Waste Code: U012
Waste Code Description: ANILINE (I,T) (OR) BENZENAMINE (I,T)

Hazardous Waste Code: U014
Waste Code Description: AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-

Hazardous Waste Code: U015
Waste Code Description: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

Hazardous Waste Code: U016
Waste Code Description: BENZ[C]ACRIDINE

Hazardous Waste Code: U017
Waste Code Description: BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-

Hazardous Waste Code: U018
Waste Code Description: BENZ[A]ANTHRACENE

Hazardous Waste Code: U019
Waste Code Description: BENZENE (I,T)

Hazardous Waste Code: U020
Waste Code Description: BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)

Hazardous Waste Code: U021
Waste Code Description: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

Hazardous Waste Code: U022
Waste Code Description: BENZO[A]PYRENE

Hazardous Waste Code: U023
Waste Code Description: BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)

Hazardous Waste Code: U024
Waste Code Description: DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-

Hazardous Waste Code: U025
Waste Code Description: DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-

Hazardous Waste Code: U026
Waste Code Description: CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-

Hazardous Waste Code:	U027
Waste Code Description:	DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-
Hazardous Waste Code:	U028
Waste Code Description:	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE
Hazardous Waste Code:	U029
Waste Code Description:	METHANE, BROMO- (OR) METHYL BROMIDE
Hazardous Waste Code:	U030
Waste Code Description:	4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-
Hazardous Waste Code:	U031
Waste Code Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Hazardous Waste Code:	U032
Waste Code Description:	CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT
Hazardous Waste Code:	U033
Waste Code Description:	CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE
Hazardous Waste Code:	U034
Waste Code Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Hazardous Waste Code:	U035
Waste Code Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Hazardous Waste Code:	U036
Waste Code Description:	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
Hazardous Waste Code:	U037
Waste Code Description:	BENZENE, CHLORO- (OR) CHLOROBENZENE
Hazardous Waste Code:	U038
Waste Code Description:	BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE
Hazardous Waste Code:	U039
Waste Code Description:	P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-
Hazardous Waste Code:	U041
Waste Code Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Hazardous Waste Code:	U042
Waste Code Description:	2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-
Hazardous Waste Code:	U043
Waste Code Description:	ETHENE, CHLORO- (OR) VINYL CHLORIDE
Hazardous Waste Code:	U044
Waste Code Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Hazardous Waste Code:	U045
Waste Code Description:	METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)
Hazardous Waste Code:	U046
Waste Code Description:	CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-
Hazardous Waste Code:	U047
Waste Code Description:	BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-
Hazardous Waste Code:	U048
Waste Code Description:	O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-
Hazardous Waste Code:	U049
Waste Code Description:	4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE

Hazardous Waste Code: U050
Waste Code Description: CHRYSENE

Hazardous Waste Code: U051
Waste Code Description: CREOSOTE

Hazardous Waste Code: U052
Waste Code Description: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

Hazardous Waste Code: U053
Waste Code Description: 2-BUTENAL (OR) CROTONALDEHYDE

Hazardous Waste Code: U055
Waste Code Description: BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)

Hazardous Waste Code: U056
Waste Code Description: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

Hazardous Waste Code: U057
Waste Code Description: CYCLOHEXANONE (I)

Hazardous Waste Code: U058
Waste Code Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Hazardous Waste Code: U059
Waste Code Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Hazardous Waste Code: U060
Waste Code Description: BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD

Hazardous Waste Code: U061
Waste Code Description: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT

Hazardous Waste Code: U062
Waste Code Description: CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALLATE

Hazardous Waste Code: U063
Waste Code Description: DIBENZ[A,H]ANTHRACENE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900301
Handler Name: RADIAC RESEARCH CORPORATION
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920227
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19940325
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19960306
Handler Name: RADIAC RESEARCH CORP.
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19980227
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990729
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20010101
Handler Name: RADIAC RESEARCH CORP.
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20020211
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20040223
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060207
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20060208

Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U001
Waste Code Description: ACETALDEHYDE (I) (OR) ETHANAL (I)

Hazardous Waste Code: U002

Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20121002
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20170525
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20180814
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20190305
Handler Name: RADIAC RESEARCH CORP
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: SAM & ETHEL LOEFFLER
Date Became Current: 19740101
Date Ended Current:
Phone:
Source Type: Implementer
Street No:
Street 1: ALTON PKWY
Street 2:
City: SILVER SPRING
State: MD
Country: US
Zip Code: 20910

Owner/Operator Ind: Current Owner
Type: Private
Name: SAM & ETHEL LOEFFLER
Date Became Current: 19740105
Date Ended Current:
Phone:
Source Type: Implementer
Street No: 9115
Street 1: ALTON PKWY
Street 2:
City: SILVER SPRINGS
State: MD
Country: US
Zip Code: 20910

Owner/Operator Ind: Current Operator
Type: Private
Name: JOHN V TEKIN ELLERY K FOLEY ARTHUR GREEN
Date Became Current:
Date Ended Current:
Phone: 718-963-2233
Source Type: Part A
Street No:
Street 1: 261 KENT AVE
Street 2:
City: BROOKLYN
State: NY
Country:
Zip Code: 11211

Owner/Operator Ind: Current Operator
Type: Private
Name: RADIAC RESEARCH CORP
Date Became Current: 19860101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: NO NAME FOUND
Date Became Current: 19860101
Date Ended Current:
Phone:
Source Type: Implementer
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: RADIAC RESEARCH CORP
Date Became Current: 19860604
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Owner
Type: Private
Name: RADIAC RESEARCH CORP
Date Became Current: 19860101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1: ALTON PKWY
Street 2:
City: SILVER SPRING
State: MD
Country: US
Zip Code: 20910

Owner/Operator Ind: Current Operator
Type: Private
Name: RADIAC RESEARCH CORP
Date Became Current: 19860604
Date Ended Current:
Street No:
Street 1:
Street 2:
City:
State:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:		**Country:**	
Source Type:	Implementer	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	261 KENT AVE
Name:	JOHN TEKIN-ELLEREY FOLEY-ARTHUR GREEN	**Street 2:**	
Date Became Current:		**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	212-963-2233	**Country:**	
Source Type:	Notification	**Zip Code:**	11211
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	ALTON PKWY
Name:	SAM & ETHEL LOEFFLER	**Street 2:**	
Date Became Current:	19740101	**City:**	SILVER SPRING
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	20910
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	ALTON PKWY
Name:	SAM ETHEL LOEFFLER	**Street 2:**	
Date Became Current:	19740101	**City:**	SILVER SPRING
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	20910
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	RADIAC RESEARCH CORP	**Street 2:**	
Date Became Current:	19860604	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	9115
Type:	Private	**Street 1:**	ALTON PKWY
Name:	SAM & ETHEL LOEFFLER	**Street 2:**	
Date Became Current:	19740105	**City:**	SILVER SPRINGS
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	20910

75	1 of 1	ENE	0.11 / 597.55	11.56 / 2	**WASTE MANAGEMENT OF NY** **144 162 KENT AVE** **BROOKLYN NY 11211**	GEN MANIFEST

RCRA ID:	NYR000101972
Mailing Street 1:	123 VARICK AVENUE
District Name:	WASTE MANAGEMENT OF NY
Mailing Street 2:	
Business Phone No:	7185335310
Mailing City:	BROOKLYN
Contact Name:	JAY KAPLAN
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	11237
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2001: 500 Pounds; 7 Gallons; 30 Pounds; 1045 Gallons

76	1 of 1	SSE	0.12 / 608.50	29.64 / 20	CON EDISON FRONT OF 62 GRAND ST SB14119 BROOKLYN NY 11201	GEN MANIFEST

RCRA ID: NYP004611067
Mailing Street 1: 4 IRVING PL
District Name: CON EDISON
Mailing Street 2: 15TH FL
Business Phone No:
Mailing City: NEW YORK
Contact Name: CON EDISON
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 60 Gallons

77	1 of 1	S	0.12 / 618.47	19.09 / 10	VAULT 1198 1198 KENT AVE BROOKLYN NY	NY SPILLS

Spill No:	9810629	***Spill Date:***	1998-11-22 11:25:00
Site ID:	195216	***Rcvd Date:***	1998-11-22 12:52:00
DER Facility ID:	162660	***CAC Date:***	
CID:	382	***Insp Date:***	
Program Type:	ER	***Close Date:***	2002-10-30 00:00:00
SWIS Code:	2401	***Create Date:***	1998-11-22 00:00:00
Contribute Factor:	Equipment Failure	***Update Date:***	2002-10-30 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	CAENGELH
Class:	C3	***Reported by:***	Responsible Party
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

TRANSFORMER IN THE VAULT LEAKED FLUID INTO VAULT. UNKNOWN IF THE SPILL ENTERED A DRAIN. CLEAN UP CREWS ARE ENROUTE. CON ED 121-448.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT E2MIS NOTES 121448 S.FULLER 'A' MECH BK/QNS EQUIPMENT GROUP REPORTS WHILE DOING ROUTINE INSPECTION IN VS1198 FOUND UNIT TO BE LEAKING DIELECTRIC FLUID AT LEAST 5 GALLONS MIXED WITH MUD. OIL IS SEEN RUNNING OUT OF UNIT. CAN'T TELL IF A DRAIN IS IN STRUCTUR DUE TO DEBRIS IN HOLE{, RECORDS SHOW A DRAIN IN STRUCTURE}. MR FULLER GOING BACK TO YARD TO GET EQUIPMENT NESSASRY TO ALLOW HIM ACCESS TO STRUCTURE & TO SECURE LOCATION. AT THAT TIME HE WILL SAMPLE OIL & INSTALL STOP TAG WILL ALSO REMAIN ON LOCATION UNTIL

RESULTS ARE KNOWN. R.COSENTINO TO BE NOTIFIED. #12255 VDC. ======= UPDATE 11/22/98 ========== S.FULLER ARRIVED BACK ON LOCATION AT 1330HRS. 1445HRS. -- S.FULLER REPORTS FOUND SUMP PUMP IN ADJACENT BUS COMPARTMENT-DISABLED SAME - FOUND NO OIL IN PIT. CHECKED NORTHERLY VAULT FROM VS1198 (KENT AVE RUNS NORTH & SOUTH)WHICH IS VS1593(VACANT) FOUND NO OIL. ---- CHECKED ADJACENT BUS COMPARTMENT --- FOUND NO OIL. ---- CHECKED SOUTHERLY VAULT TM1848 ON FDR6B43 --- FOUND NO OIL.. 1445HRS.--- S.FULLER HAS DETERMINED LEAK FROM VS1198 IS FROM VALVE THAT HAS BROKEN STEM & BONNET. TOOK OIL SAMPLE FROM SOURCE & MARKING FOR 4-6HR.TURNAROUND. UNIT WAS PREVIOUSLY CUT ADRIFT.FOUND PRIMARY & SECONDARY CUT. BULLIT CALLED AT 1525HRS.TO PICK UP AND DELIVER SAMPLE TO CHEMLAB. 1610HRS.--- R.COSENTINO OF ENVIRONMENTAL REPORTS CAGER CHATTERJEE OF DEP ARRIVED AT 1540HRS.LOOKED AT LOCATION --- WAS SATISFIED THAT THERE WAS NO RELEASE INTO ENVIRONMENT. R.COSENTINO TOLD MR CHATTERJEE THAT WE WILL UPDATE HIM IF THERE ARE ANY CHANGES. MR CHATTERJEE LEFT LOCATION AT 1550HRS. DAN SHAH OF ERT WAS ALSO ON LOCATION --- HE WAS ALSO SATISFIED THAT SPILL IS CONTAINED.. R.COSENTINO SATISFIED THAT SPILL CONTAINED & LEFT LOCATION. 1620HRS.-- CLEANUP CREW WITH OVER 50 TANKER ON LOCATION. LAB RESULTS RECEIVED LAB SEQ#98-12933 PCB=26PPM D.HERBST 27461 ======= UPDATE 11/22/98 1955HRS. ========== 1800HRS.----- S.FULLER REPORTS WORKING ALONG WITH FLUSH DEPARTMENT ------ UNIT LEAKED APPROX 15 GALLONS OF OIL IN STRUCTURE. DRAIN FOUND TO BE CEMENTED OVER. CANNOT DO A COMPLETE CLEAUP UNTIL UNIT IS REMOVED. ------ DIGGING WILL BE REQUIRED TO REMOVE UNIT. D.HERBST 27461 ======== S.FULLER REPORTS INITIAL CLEANUP COMPLETE AT2000HRS.11/22/98 REMOVED ALL ACCESSIBLE OILY MATERIALS. UPDATE: 12/1/98 A. LOSCHIAVO - O.S. - ENV. OPS., REPORTS TRANSFORMER REMOVED FROM STRUCTURE. ENV. OPS. TO COMPLETE CLEANUP. TJ - 50495 UPDATE: 12/8/98 - 1200 R. VEGA - 04005 - ENV. OPS., REPORTS 26 PPM CLEANUP COMPLETED AND TAG #06596 REMOVED. INCIDENT IS CLOSED.

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	CON ED	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	BILL MURPHY
Spiller City:		***Contact Phone:***	(212) 580-6763
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.698459994		
Longitude:	-73.960200000		

Material Information

OP Unit ID:	1067858	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	314495	***Med GW:***	False
Material Code:	0541A	***Med SW:***	False
Material Name:	dielectric fluid	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	5.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

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78 ***1 of 3*** ***E*** ***0.12 / 638.60*** ***15.81 / 6*** ***SM WYTHE LLC***
204 WYTHE AVENUE
Brooklyn NY 11249

E DESIGNATION

BBL:	3023410009	***Community District:***	301
E-Designation No:	E-138	***Tax Block:***	2341
E-Designation Date:	12/20/2018	***Tax Lot:***	9
Year Built:	2012	***X Coordinate:***	994677
Lot Area:	54850	***Y Coordinate:***	201021
Land Use:	4		
Land Use Desc:			
Owner Type:			
Owner Type Desc:			
Area Source:	2		
Area Source Desc:	Department of Finance's RPAD File		
Extension Code:			
Extension Desc:			
Proximity Code:	1		
Proximity Desc:	Detached		
Lot Type:	3		
Lot Type Desc:	Corner - A tax lot bordering on two intersecting streets.		
Basement Code:	0		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Basement Desc: None/No Basement

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

78	*2 of 3*	*E*	*0.12 / 638.60*	*15.81 / 6*	***S M WYTHE LLC 50 NORTH 5TH STREET BROOKLYN NY 11249***	***GEN MANIFEST***

RCRA ID: NYR000193193
Mailing Street 1: 2 MANHATTANVILLE RD
District Name: S M WYTHE LLC
Mailing Street 2:
Business Phone No: 2127670960
Mailing City: PURCHASE
Contact Name: S M WYTHE LLC
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10577
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2012: 46260 Pounds; 52820 Pounds; 48280 Pounds; 43120 Pounds; 44880 Pounds; 52900 Pounds; 47380 Pounds; 52320 Pounds; 46000 Pounds; 45280 Pounds; 47440 Pounds; 45200 Pounds; 54220 Pounds; 51900 Pounds; 45560 Pounds; 45420 Pounds; 43460 Pounds; 49880 Pounds; 49660 Pounds; 45300 Pounds; 50160 Pounds; 46280 Pounds; 41040 Pounds; 40900 Pounds; 48680 Pounds; 46580 Pounds; 44960 Pounds; 45340 Pounds; 43920 Pounds; 50880 Pounds; 46920 Pounds; 49460 Pounds; 45960 Pounds; 51700 Pounds; 47380 Pounds; 46440 Pounds; 47680 Pounds; 48180 Pounds; 44480 Pounds; 48240 Pounds; 44020 Pounds; 45400 Pounds; 48920 Pounds; 45620 Pounds; 47740 Pounds; 43600 Pounds; 54300 Pounds; 41620 Pounds; 47480 Pounds; 44760 Pounds; 47440 Pounds; 54940 Pounds; 46180 Pounds; 47260 Pounds; 46380 Pounds; 46180 Pounds; 50100 Pounds; 50120 Pounds; 49320 Pounds; 52740 Pounds; 47480 Pounds; 50920 Pounds; 39660 Pounds; 47000 Pounds; 42860 Pounds; 44900 Pounds; 43460 Pounds; 45080 Pounds; 46340 Pounds; 44240 Pounds; 51680 Pounds; 55800 Pounds; 44620 Pounds; 46260 Pounds; 40820 Pounds; 42840 Pounds; 47100 Pounds; 46420 Pounds; 43400 Pounds; 44920 Pounds; 46580 Pounds; 48320 Pounds; 44120 Pounds

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78	*3 of 3*	*E*	*0.12 / 638.60*	*15.81 / 6*	***S M WYTHE LLC 50 N 5TH ST BROOKLYN NY 11249***	***RCRA NON GEN***

EPA Handler ID: NYR000193193

Gen Status Universe: No Report
Contact Name: JESSE WARK
Contact Address: 1776 , BROADWAY SUITE 606 , , NEW YORK , NY, 10019 , US
Contact Phone No and Ext: 212-767-0960
Contact Email: JWARK@URBANDP.COM
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20120802

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20120502
Handler Name: S M WYTHE LLC
Generator Status Universe: No Report
Source Type: Temporary

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20120802
Handler Name: S M WYTHE LLC
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	2
Type:	Private	**Street 1:**	MANHATTANVILLE RD
Name:	SM WYTHE LLC	**Street 2:**	
Date Became Current:	20111031	**City:**	PURCHASE
Date Ended Current:		**State:**	NY
Phone:	212-767-0960	**Country:**	US
Source Type:	Implementer	**Zip Code:**	10577

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	SM WYTHE LLC	**Street 2:**	
Date Became Current:	20111031	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Implementer	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	2
Type:	Private	**Street 1:**	MANHATTANVILLE RD
Name:	SM WYTHE LLC	**Street 2:**	
Date Became Current:	20111031	**City:**	PURCHASE
Date Ended Current:		**State:**	NY
Phone:	212-767-0960	**Country:**	US
Source Type:	Temporary	**Zip Code:**	10577

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	SM WYTHE LLC	**Street 2:**	
Date Became Current:	20111031	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Temporary	**Zip Code:**	

79	*1 of 2*	*SSE*	*0.12 / 653.75*	*32.59 / 23*	***CON EDISON*** ***NW COR WYTHE AVE & GRANT ST MH 4859*** ***BROOKLYN NY 11211***	***GEN MANIFEST***

RCRA ID:	NYP004681078
Mailing Street 1:	4 IRVING PL 15TH FL
District Name:	CON EDISON
Mailing Street 2:	
Business Phone No:	2124603770
Mailing City:	NEW YORK
Contact Name:	CON EDISON
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 100 Gallons

79	*2 of 2*	*SSE*	*0.12 / 653.75*	*32.59 / 23*	***CON EDISON*** ***GRAND ST & WHYTHE AV SB4859***	***GEN MANIFEST***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					BROOKLYN NY 11211	

RCRA ID: NYP004682910
Mailing Street 1: 4 IRVING PL
District Name: CON EDISON
Mailing Street 2: 15TH FL
Business Phone No:
Mailing City: NEW YORK
Contact Name: CON EDISON
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 200 Gallons

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
80	1 of 1	SSE	0.12 / 657.75	32.59 / 23	**CON EDISON** **WYTHE AVE & GRAND ST VS** **04979** **BROOKLYN NY 11249**	GEN MANIFEST

RCRA ID: NYP004721197
Mailing Street 1: 4 IRVING PLACE - 15TH FLOOR
District Name: CON EDISON
Mailing Street 2:
Business Phone No:
Mailing City: NEW YORK
Contact Name: TOM TEELING
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2015: 1000 Pounds

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
81	1 of 1	S	0.13 / 661.15	30.78 / 21	**CON EDISON** **F/O 45 SOUTH FIRST ST SB37684** **BROOKLYN NY 11211**	GEN MANIFEST

RCRA ID: NYP004774417
Mailing Street 1: 4 IRVING PL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

District Name:	CON EDISON
Mailing Street 2:	15TH FL
Business Phone No:	
Mailing City:	NEW YORK
Contact Name:	CON EDISON
Mailing State:	NY
Location Zip Extension:	
Mailing Zip:	10003
Location Country:	USA
Mailing Zip Extension:	
Location County:	KINGS
Mailing Country:	USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 700 Pounds

82	*1 of 1*	*ESE*	*0.13 / 675.58*	*26.97 / 18*	***CON EDISON*** ***233 WYTHE AVE*** ***BROOKLYN NY 11249***	***RCRA NON GEN***

EPA Handler ID:	NYP004745741
Gen Status Universe:	No Report
Contact Name:	THOMAS TEELING
Contact Address:	
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20150307

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sequence No: 1
Receive Date: 20150307
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150307
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

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83 | ***1 of 1*** | ***SE*** | ***0.13 / 680.76*** | ***32.40 / 23*** | ***CON EDISON SERVICE BOX: 53573
261 WYTHE AVE
BROOKLYN NY 11249*** | ***RCRA NON GEN***

EPA Handler ID: NYP004570792
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20140720

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140620
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140620
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20140720
Handler Name: CON EDISON SERVICE BOX: 53573
Generator Status Universe: No Report
Source Type: Implementer

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84 | ***1 of 4*** | ***NE*** | ***0.13 / 704.79*** | ***10.74 / 1*** | ***iPark NYC 2234 North 6th - Tesla Destination***
34 North 6th St
Brooklyn NY 11249 | ***ALT FUELS***

ID: 114898
Federal Agency ID:
Federal Agency:
Fed Agency Name:
Status: Open: The station is open.
Facility Type: PAY_GARAGE
Fuel Type Code: ELEC: Electric
Owner Type Desc: Privately owned
Expected Date:
Dt Last Confirmed: 2019-05-09
Open Date: 2016-01-01
Updated at: 2019-05-14 21:16:45 UTC
BD Blends:
NG PSI:
NG Fill Type Code:
NG Fill Type Desc:
NG Vehicle Class:
NG Vehicle Class Desc:
E85 Blender Pump:
E85 Blender Pump Desc:
E85 Other Ethanol Blends:
EV Pricing: Free
EV Pricing French:
LPG Primary:
LPG Primary Desc:
Intersection Directions:
Geocode Status Desc: Premise (building name, property name, shopping center, etc.) level accuracy.
Hydrogen Status Link:

CNG Dispenser No:
CNG Fill Type Code:
CNG Site Renew Src:
CNG PSI:
CNG Storage Cap:
CNG Tot Compr Cap:
CNG Vehicle Class:
LPG Nozzle Types:
LNG Site Renew Src:
LNG Vehicle Class:
Hydrogen is Retail:
Hydrogen Pressures:
Hydrogen Standards:
Station Phone: 855-472-7569 877-798-3752
Latitude: 40.719756
Longitude: -73.962933

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84 | ***2 of 4*** | ***NE*** | ***0.13 / 704.79*** | ***10.74 / 1*** | ***4 GS TRUCK RENTING CO.***
150 KENT AVENUE
BROOKLYN NY 11211 | ***AST***

Site ID: 29902
Site Status: Unregulated/Closed
Program No: 2-608050
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Trucking/Transportation/Fleet Operation

Expiry:
County: Kings
UTM X: 588241.04065
UTM Y: 4509392.19775

Tank Information

Prog No: 2-608050
UDC Ind: 1

Tank ID:	64252	**Red Tag Start Date:**	
Tank No:	100	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:		**Next Line Test Due:**	
Close Date:	2007-08-07 00:00:00	**Line Test Method:**	
Capacity (Gal):	4000	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	NRLOMBAR
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 1
Tank Location Desc: Aboveground-contact w/ soil
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: J02

Code Name: Suction Dispenser
Type: Dispenser

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Affiliation Information

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: 4 GS TRUCK RENTING CO.
Contact Title:
Contact Name: ALLAN SILVERMAN
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 388-4100
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:28:39.843000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: ALLAN SILVERMAN
Contact Title:
Contact Name:
Address1: 150 KENT AVNEUE
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-4100
Phone Ext:
Email:
Fax:
Modified By: NRLOMBAR
Last Modified: 2009-12-21 15:11:37.350000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: TAMS CONSULTANTS
Contact Title:
Contact Name: THEODORE J. YEN, P.E.
Address1: AN EARTH TECH COMPANY
Address2: 655 THIRD AVENUE
City: NEW YORK
State: NY
Zip Code: 10017
Country Code: 001
Phone: (212) 867-1777
Phone Ext:
Email:
Fax:
Modified By: NRLOMBAR

Last Modified:	2009-12-21 15:11:37.350000000
Affiliation Type:	11
Affiliation Name:	Emergency Contact
Affiliation Sub Type:	NNN
Company:	ALLAN SILVERMAN
Contact Title:	
Contact Name:	ALLAN SILVERMAN
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(718) 388-4100
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:28:39.843000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
84	3 of 4	NE	0.13 / 704.79	10.74 / 1	CON EDISON 40 N 6TH ST BROOKLYN NY 11249	RCRA NON GEN

EPA Handler ID:	NYP004724266
Gen Status Universe:	No Report
Contact Name:	THOMAS TEELING
Contact Address:	
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20150203

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150203
Handler Name:	CON EDISON

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150203
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
84	4 of 4	NE	0.13 / 704.79	10.74 / 1	WASTE MANAGEMENT OF NEW YORK 144-162 KENT AVE BROOKLYN NY 11211	RCRA NON GEN

EPA Handler ID: NYR000101972
Gen Status Universe: No Report
Contact Name:
Contact Address: 123 , VARICK AVE , , BROOKLYN , NY, 11237 , US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20011116
Handler Name: WASTE MANAGEMENT OF NEW YORK
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001

Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20011227
Handler Name: WASTE MANAGEMENT OF NEW YORK
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: WASTE MANAGEMENT OF NEW YORK
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: WASTE MANAGEMENT OF NEW YORK
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: USA WASTE SERVICES OF NYC INC
Date Became Current: 20010101
Date Ended Current:
Phone: 630-572-2438
Source Type: Implementer
Street No:
Street 1: 720 E BUTTERFIELD RD
Street 2:
City: LOMBARD
State: IL
Country: US
Zip Code: 60148

Owner/Operator Ind: Current Owner
Type: Private
Name: USA WASTE SERVICES OF NYC INC
Date Became Current:
Date Ended Current:
Phone: 630-572-2438
Source Type: Notification
Street No:
Street 1: 720 E BUTTERFIELD RD
Street 2:
City: LOMBARD
State: IL
Country:
Zip Code: 60148

Owner/Operator Ind: Current Owner
Type: Private
Name: USA WASTE SERVICES OF NYC INC
Date Became Current: 20010101
Date Ended Current:
Phone: 630-572-2438
Source Type: Implementer
Street No:
Street 1: 720 E BUTTERFIELD RD
Street 2:
City: LOMBARD
State: IL
Country: US
Zip Code: 60148

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85 | ***1 of 1*** | ***ENE*** | ***0.13 / 705.08*** | ***15.66 / 6*** | ***CON EDISON 49 N 5TH ST BROOKLYN NY 11249*** | ***RCRA NON GEN***

EPA Handler ID: NYP004831091
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20150827

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150827
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150827
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
86	1 of 3	SSW	0.14 / 738.86	7.24 / -2	BJR REALTY CORP. 6O SOUTH 2ND STREET (WYTHE ST.) Brooklyn NY 11211	SWF/LF

Active:	No	**Owner Address:**	
Activity No:	[24W24]	**Owner Addr2:**	
Regltry Status:	Permit	**Owner City:**	
Accuracy Code:		**Owner State:**	
Auth No:	2-6101-00165	**Owner ZIP:**	
Auth Issue Dt:	9/11/1990	**Owner Email:**	
Operator Name:		**Owner Phone:**	
Operator Type:		**Contact Name:**	BRUCE TERZANO; PRESIDENT
Expiration Date:	9/11/1995	**Contact Addr:**	
Region:	2	**Contact Addr2:**	
County:	Kings	**Contact City:**	
East Coord:	587300	**Contact State:**	
North Coord:	4507600	**Contact ZIP:**	
Phone No:	7183884462	**Contact Email:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner Name: **Contact Phone:**
Owner Type:
Date of Last Inspection:
Activity Desc: C&D processing - registration
Waste Types:

---

86 **2 of 3** **SSW** **0.14 / 738.86** **7.24 / -2** **BJR REALTY CORP.** **SWF/LF**
6O SOUTH 2ND STREET (WYTHE ST.)
Brooklyn NY 11211

Active: No
Activity No: [24M24]
Regltry Status: Permit
Accuracy Code:
Auth No: 2-6101-00165
Auth Issue Dt: 9/11/1990
Operator Name:
Operator Type:
Expiration Date: 9/11/1995
Region: 2
County: Kings
East Coord: 587300
North Coord: 4507600
Phone No: 7183884462
Owner Name:
Owner Type:
Date of Last Inspection:
Activity Desc: RHRF - registration
Waste Types:

Owner Address:
Owner Addr2:
Owner City:
Owner State:
Owner ZIP:
Owner Email:
Owner Phone:
Contact Name: BRUCE TERZANO; PRESIDENT
Contact Addr:
Contact Addr2:
Contact City:
Contact State:
Contact ZIP:
Contact Email:
Contact Phone:

---

86 **3 of 3** **SSW** **0.14 / 738.86** **7.24 / -2** **BJR REALTY CORP.** **SWF/LF**
6O SOUTH 2ND STREET (WYTHE ST.)
Brooklyn NY 11211

Active: No
Activity No: [24T24]
Regltry Status: Permit
Accuracy Code:
Auth No: 2-6101-00165
Auth Issue Dt: 9/11/1990
Operator Name:
Operator Type:
Expiration Date: 9/11/1995
Region: 2
County: Kings
East Coord: 587300
North Coord: 4507600
Phone No: 7183884462
Owner Name:
Owner Type:
Date of Last Inspection:
Activity Desc: Transfer station - permit
Waste Types:

Owner Address:
Owner Addr2:
Owner City:
Owner State:
Owner ZIP:
Owner Email:
Owner Phone:
Contact Name: BRUCE TERZANO; PRESIDENT
Contact Addr:
Contact Addr2:
Contact City:
Contact State:
Contact ZIP:
Contact Email:
Contact Phone:

---

87 **1 of 2** **SE** **0.14 / 756.14** **29.68 / 20** **ROHNER FURNITURE INC** **RCRA NON GEN**
100 METROPOLITAN AVE
BROOKLYN NY 11211-3921

EPA Handler ID: NYD986884864
Gen Status Universe: No Report
Contact Name:

Contact Address:	100 , METROPOLITAN AVE , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20070101

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19891205
Handler Name:	ROHNER FURNITURE INC
Generator Status Universe:	No Report
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D000
Waste Code Description:	DESCRIPTION
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19990708
Handler Name:	ROHNER FURNITURE INC
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20060101
Handler Name:	ROHNER FURNITURE INC
Generator Status Universe:	No Report

Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: ROHNER FURNITURE INC
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: ROHNER FURNITURE INC
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country:
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: ROHNER FURNITURE INC
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: ROHNER FURNITURE INC
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

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87 | **2 of 2** | **SE** | **0.14 / 756.14** | **29.68 / 20** | **METRO REALTY**
100 METROPOLITAN AVE
BROOKLYN NY 11211 | **UST**

Site ID: 18510
Site Status: Unregulated/Closed
Program No: 2-364878
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Apartment Building/Office Building
Expiry:
County: Kings
UTM X: 587581.52226
UTM Y: 4507801.41143

Tank Information

Prog No: 2-364878
Tank ID: 22656
Tank No: 001
Tank Status: 4
Tank Status Desc: Closed - In Place
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
Close Date: 1990-05-31 00:00:00
Capacity (Gal): 6000
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
Tank Location: 5
Tank Location Desc: Underground
UDC Ind: 0
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: -
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method: -
Modified by: LXZIELIN
Last Modified: 2017-04-14 14:30:47.863000000

Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: L09
Code Name: Exempt Suction Piping
Type: Piping Leak Detection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: A01
Code Name: Epoxy Liner
Type: Tank Internal Protection

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Affiliation Information

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: METRO REALTY
Contact Title:
Contact Name: LEROY DEW (SUPERINTENDENT)

Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 387-5877
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:26:34.263000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: MORRIS BEILIS
Contact Title:
Contact Name:
Address1: 25 SUTTON PL SO
Address2:
City: NEW YORK
State: NY
Zip Code: 10022
Country Code: 001
Phone: (212) 758-3856
Phone Ext:
Email:
Fax:
Modified By: CGFREEDM
Last Modified: 2004-12-16 09:05:48.797000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: A
Company: MORRIS BEILIS
Contact Title:
Contact Name:
Address1: 25 SUTTON PL SO
Address2:
City: NEW YORK
State: NY
Zip Code: 10022
Country Code: 001
Phone: (212) 758-3856
Phone Ext:
Email:
Fax:
Modified By: CGFREEDM
Last Modified: 2004-12-16 09:05:48.797000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: MORRIS BEILIS
Contact Title:
Contact Name: LEROY DEW (SUPERINTENDENT)
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 387-5877
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:26:34.263000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
88	1 of 5	ENE	0.14 / 756.79	15.82 / 6	149 Kent Avenue 149 Kent Avenue Brooklyn NY 11211	BROWNFIELDS

Site Code:	463657	**Site Code (GIS):**	C224159
HW Code:	C224159	**Site Class (GIS):**	C
Site Class:	C	**Address1 (GIS):**	149 Kent Avenue
Site Address:	149 Kent Avenue	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11211	**ZIP Code (GIS):**	11211
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587672.64799
Acres:	0.920	**Y Coord (GIS):**	4508069.91843
Record Added:	2012-05-01 09:45:00	**Method:**	4.2
Record Update:	2018-11-14 09:23:00	**Accuracy:**	Variable
Updated by:	JHOCONNE	**Latitude (GIS):**	40.7188885752594
Latitude:	40.718888889	**Longitude (GIS):**	-73.9619444462168
Longitude:	-73.961944444		

Site Name: 149 Kent Avenue

Site Name (GIS): 149 Kent Avenue

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Program: BCP

Program Desc: BCP

Assess DOH: Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site.

Assessment:

Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan.

Materials Information

Waste Name: ***Waste Code:***	PCB-AROCLOR 1260	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	PCB-AROCLOR 1254	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	TRICHLOROETHENE (TCE)	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	1,1 Dichloroethene	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	BENZO(B)FLUORANTHENE	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	DDD	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	MERCURY	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	tetrachloroethene (PCE)	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	nickel	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	LEAD	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	Chrysene	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	BENZO(A)PYRENE	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	1,1,1-TRICHLOROETHANE	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	1,1,1,2-TETRACHLOROETHANE	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	cis-1,2-dichloroethene	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	VINYL CHLORIDE	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	DICHLOROETHYLENE	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	TETRACHLOROETHYLENE (PCE)	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	DDE	***Waste Quantity:***	UNKNOWN
Waste Name: ***Waste Code:***	DDT	***Waste Quantity:***	UNKNOWN

Waste Name:	CHROMIUM	**Waste Quantity:**	UNKNOWN
Waste Code:			

Owner Information

Seq No:	0000004	**Owner Street:**	1865 Palmer Ave.
Sub Type:	P03	**Owner Street 2:**	Suite 203
Own Op:	06	**Owner City:**	Larchmont
Owner Name:	Tell Metzger	**Owner State:**	NY
Owner Company:	Kent & Wythe Owners LLC	**Owner Zip:**	10538
Country:	United States of America		

Seq No:	0000001	**Owner Street:**	Greenpoint Branch
Sub Type:	NNN	**Owner Street 2:**	107 Norman Avenue
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Company:	Brooklyn Public Library	**Owner Zip:**	11222
Country:	United States of America		

Seq No:	0000002	**Owner Street:**	1545 Laurel Hollow Rd.
Sub Type:	P03	**Owner Street 2:**	
Own Op:	06	**Owner City:**	Syosset
Owner Name:	Alan Henick	**Owner State:**	NY
Owner Company:	149 Kent Avenue LLC	**Owner Zip:**	11791
Country:	United States of America		

Seq No:	0000003	**Owner Street:**	1545 Laurel Hollow Rd.
Sub Type:	P03	**Owner Street 2:**	
Own Op:	06	**Owner City:**	Syosset
Owner Name:	Alan Henick	**Owner State:**	NY
Owner Company:	The Western Carpet and Linoleum Co. Inc.	**Owner Zip:**	11791
Country:	United States of America		

HW Extra Information

Dump:	False	**Disposal Start:**	
Structure:	True	**Disposal Terminate:**	
Lagoon:	False	**Latitude:**	
Landfill:	False	**Longitude:**	
Pond:	False	**Record Added:**	2012-05-02 13:27:00
Dell:		**Record Updated:**	2015-09-28 16:38:00
Updated By:	IXMUNTEA		

Projects Information

Project Code:	25	**Operable Unit ID:**	1237350
Project Desc:		**Operable Unit:**	00
Project Refer Name:		**Operable Unit Desc:**	Site Management
End Date:	2015-10-19 00:00:00	**Code Name:**	Certificate of Completion
End Status:	ACT		

Project Code:	05	**Operable Unit ID:**	1213751
Project Desc:	Remedial Action	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2015-10-19 00:00:00	**Code Name:**	Remedial Action
End Status:	ACT		

Project Code:	04	**Operable Unit ID:**	1213751
Project Desc:	Remedial Design	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2014-04-02 00:00:00	**Code Name:**	Remedial Design
End Status:	ACT		

Project Code:	02	**Operable Unit ID:**	1213751
Project Desc:	Remedial Investigation	**Operable Unit:**	01

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Project Refer Name:
End Date: 2013-12-09 00:00:00
End Status: ACT
Operable Unit Desc: Remedial Program
Code Name: Remedial Investigation

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88 **2 of 5** **ENE** **0.14 / 756.79** **15.82 / 6** **149 Kent Avenue**
149 Kent Avenue
Brooklyn NY 11211 **ENG**

Site Code: 463657
HW Code: C224159
Site Class: C
Control Type: ENG
Program: BCP
Program Desc: BCP
SWIS: 2401
Acres: 0.920
Site Address: 149 Kent Avenue
City: Brooklyn
ZIP: 11211
County: Kings
Region: 2
Town: New York City
Latitude: 40.718888889
Longitude: -73.961944444
Site Name: 149 Kent Avenue
Site Name (GIS): 149 Kent Avenue
Address 2 (GIS):

Site Code (GIS): C224159
Site Class (GIS): C
Address 1 (GIS): 149 Kent Avenue
Locality (GIS): Brooklyn
Zip Code (GIS): 11211
County (GIS): Kings
Town (GIS): New York City
Region (GIS): 2
X Coord (GIS): 587672.64799
Y Coord (GIS): 4508069.91843
Method: 4.2
Accuracy: Variable
Accuracy Unit:
Latitude (GIS): 40.7188885752594
Longitude (GIS): -73.9619444462168

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Assess DOH: Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures.

Description:

Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site.

Assessment:

Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan.

Controls Information

Control Code:	12	***Record Added Date:***	2013-10-03 10:17:24.793000000
Control Name:	Groundwater Treatment System	***Record Updated Date:***	2019-03-26 09:40:31.270000000
Control Type:	ENG	***Updated By:***	WYZHENG
In Place Date:	2015-06-19 00:00:00		
Control Code:	13	***Record Added Date:***	2013-10-03 10:17:24.793000000
Control Name:	Vapor Mitigation	***Record Updated Date:***	2019-03-26 09:40:31.270000000
Control Type:	ENG	***Updated By:***	WYZHENG
In Place Date:	2015-06-19 00:00:00		
Control Code:	15	***Record Added Date:***	2013-10-03 10:17:24.793000000
Control Name:	Cover System	***Record Updated Date:***	2019-03-26 09:40:31.270000000
Control Type:	ENG	***Updated By:***	WYZHENG
In Place Date:	2015-06-19 00:00:00		
Control Code:	18	***Record Added Date:***	2013-10-03 10:17:24.793000000
Control Name:	Subsurface Barriers	***Record Updated Date:***	2019-03-26 09:40:31.270000000
Control Type:	ENG	***Updated By:***	WYZHENG
In Place Date:	2015-06-19 00:00:00		

Materials Information

Waste Name:	LEAD	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	PCB-AROCLOR 1254	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	1,1,1-TRICHLOROETHANE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	CHROMIUM	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	nickel	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	PCB-AROCLOR 1260	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	DICHLOROETHYLENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	MERCURY	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	BENZO(A)PYRENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	DDT	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	Chrysene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	VINYL CHLORIDE	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	cis-1,2-dichloroethene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	TRICHLOROETHENE (TCE)	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	DDD	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	tetrachloroethene (PCE)	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	1,1,1,2-TETRACHLOROETHANE	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	1,1 Dichloroethene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	BENZO(B)FLUORANTHENE	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	TETRACHLOROETHYLENE (PCE)	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	DDE	**Waste Quantity:**	UNKNOWN
Waste Code:			

Owner Information

Own Op:	06	**Owner Street:**	1545 Laurel Hollow Rd.
Seq No:	0000003	**Owner Street 2:**	
Sub Type:	P03	**Owner City:**	Syosset
Owner Name:	Alan Henick	**Owner State:**	NY
Owner Company:	The Western Carpet and Linoleum Co. Inc.	**Owner Zip:**	11791
Country:	United States of America		
Own Op:	06	**Owner Street:**	1865 Palmer Ave.
Seq No:	0000004	**Owner Street 2:**	Suite 203
Sub Type:	P03	**Owner City:**	Larchmont
Owner Name:	Tell Metzger	**Owner State:**	NY
Owner Company:	Kent & Wythe Owners LLC	**Owner Zip:**	10538
Country:	United States of America		
Own Op:	06	**Owner Street:**	1545 Laurel Hollow Rd.
Seq No:	0000002	**Owner Street 2:**	
Sub Type:	P03	**Owner City:**	Syosset
Owner Name:	Alan Henick	**Owner State:**	NY
Owner Company:	149 Kent Avenue LLC	**Owner Zip:**	11791
Country:	United States of America		
Own Op:	19	**Owner Street:**	Greenpoint Branch
Seq No:	0000001	**Owner Street 2:**	107 Norman Avenue
Sub Type:	NNN	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Company:	Brooklyn Public Library	**Owner Zip:**	11222
Country:	United States of America		

HW Extra Information

Dump:	False	**Disposal Started:**	
Structure:	True	**Disposal Terminate:**	
Lagoon:	False	**Latitude:**	
Landfill:	False	**Longitude:**	
Pond:	False	**Record Added:**	2012-05-02 13:27:00
Dell:		**Record Updated:**	2015-09-28 16:38:00
Updated by:	IXMUNTEA		

Projects Information

Project Code:	04	***Operable Unit ID:***	1213751
Project Desc:	Remedial Design	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2014-04-02 00:00:00	***Code Name:***	Remedial Design
End Status:	ACT		
Project Code:	25	***Operable Unit ID:***	1237350
Project Desc:		***Operable Unit:***	00
Project Refer Name:		***Operable Unit Desc:***	Site Management
End Date:	2015-10-19 00:00:00	***Code Name:***	Certificate of Completion
End Status:	ACT		
Project Code:	05	***Operable Unit ID:***	1213751
Project Desc:	Remedial Action	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2015-10-19 00:00:00	***Code Name:***	Remedial Action
End Status:	ACT		
Project Code:	02	***Operable Unit ID:***	1213751
Project Desc:	Remedial Investigation	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2013-12-09 00:00:00	***Code Name:***	Remedial Investigation
End Status:	ACT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
88	3 of 5	ENE	0.14 / 756.79	15.82 / 6	149 Kent Avenue 149 Kent Avenue Brooklyn NY 11211	INST

Site Code:	463657	***Site Code (GIS):***	C224159
HW Code:	C224159	***Site Class (GIS):***	C
Site Class:	C	***Address 1 (GIS):***	149 Kent Avenue
Control Type:	INST	***Locality (GIS):***	Brooklyn
Program:	BCP	***Zip Code (GIS):***	11211
Program Desc:	BCP	***County (GIS):***	Kings
SWIS:	2401	***Town (GIS):***	New York City
Site Address:	149 Kent Avenue	***Region (GIS):***	2
City:	Brooklyn	***X Coord (GIS):***	587672.64799
ZIP:	11211	***Y Coord (GIS):***	4508069.91843
County:	Kings	***Method:***	4.2
Region:	2	***Accuracy:***	Variable
Town:	New York City	***Latitude (GIS):***	40.7188885752594
Latitude:	40.718888889	***Longitude (GIS):***	-73.9619444462168
Longitude:	-73.961944444	***Acres:***	0.920
Site Name:	149 Kent Avenue		
Site Name (GIS):	149 Kent Avenue		
Address 2 (GIS):			

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on

the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Assess DOH:

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation. Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures.

Description:

Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site.

Assessment:

Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan.

Controls Information

Control Code:	08	***Record Added Date:***	2013-10-03 10:17:24.793000000
Control Name:	Ground Water Use Restriction	***Record Updated Date:***	2019-03-26 09:40:31.270000000
Control Type:	INST	***In Place Date:***	2015-06-19 00:00:00
Updated By:	WYZHENG		
Control Code:	25	***Record Added Date:***	2013-10-03 10:17:24.793000000
Control Name:	Landuse Restriction	***Record Updated Date:***	2019-03-26 09:40:31.270000000
Control Type:	INST	***In Place Date:***	2015-06-19 00:00:00
Updated By:	WYZHENG		
Control Code:	31	***Record Added Date:***	2013-10-03 10:17:24.793000000
Control Name:	Monitoring Plan	***Record Updated Date:***	2019-03-26 09:40:31.270000000
Control Type:	INST	***In Place Date:***	2015-06-19 00:00:00
Updated By:	WYZHENG		
Control Code:	32	***Record Added Date:***	2013-10-03 10:17:24.793000000
Control Name:	Site Management Plan	***Record Updated Date:***	2019-03-26 09:40:31.270000000
Control Type:	INST	***In Place Date:***	2015-06-19 00:00:00
Updated By:	WYZHENG		
Control Code:	33	***Record Added Date:***	2013-10-03 10:17:24.793000000
Control Name:	O&M Plan	***Record Updated Date:***	2019-03-26 09:40:31.270000000
Control Type:	INST	***In Place Date:***	2015-06-19 00:00:00
Updated By:	WYZHENG		
Control Code:	34	***Record Added Date:***	2013-10-03 10:17:24.793000000
Control Name:	IC/EC Plan	***Record Updated Date:***	2019-03-26 09:40:31.270000000
Control Type:	INST	***In Place Date:***	2015-06-19 00:00:00
Updated By:	WYZHENG		
Control Code:	J	***Record Added Date:***	2013-10-03 10:17:24.793000000
Control Name:	Environmental Easement	***Record Updated Date:***	2019-03-26 09:40:31.270000000
Control Type:	INST	***In Place Date:***	2015-06-19 00:00:00
Updated By:	WYZHENG		

Control Code:	14	**Record Added Date:**	2013-10-03 10:17:24.793000000
Control Name:	Soil Management Plan	**Record Updated Date:**	2019-03-26 09:40:31.270000000
Control Type:	INST	**In Place Date:**	2015-06-19 00:00:00
Updated By:	WYZHENG		

Materials Information

Waste Name:	CHROMIUM	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	Chrysene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	VINYL CHLORIDE	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	BENZO(B)FLUORANTHENE	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	DDD	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	1,1,1,2-TETRACHLOROETHANE	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	1,1 Dichloroethene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	PCB-AROCLOR 1260	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	TRICHLOROETHENE (TCE)	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	DDT	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	BENZO(A)PYRENE	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	LEAD	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	tetrachloroethene (PCE)	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	PCB-AROCLOR 1254	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	MERCURY	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	cis-1,2-dichloroethene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	1,1,1-TRICHLOROETHANE	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	DICHLOROETHYLENE	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	TETRACHLOROETHYLENE (PCE)	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	DDE	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	nickel	**Waste Quantity:**	UNKNOWN

Waste Code:

Owner Information

Owner Op:	06	***Owner Street 2:***	
Seq No:	0000002	***Owner City:***	Syosset
Sub Type:	P03	***Owner State:***	NY
Owner Name:	Alan Henick	***Owner Zip:***	11791
Owner Company:	149 Kent Avenue LLC	***Country:***	United States of America
Owner Street:	1545 Laurel Hollow Rd.		

Owner Op:	06	***Owner Street 2:***	Suite 203
Seq No:	0000004	***Owner City:***	Larchmont
Sub Type:	P03	***Owner State:***	NY
Owner Name:	Tell Metzger	***Owner Zip:***	10538
Owner Company:	Kent & Wythe Owners LLC	***Country:***	United States of America
Owner Street:	1865 Palmer Ave.		

Owner Op:	19	***Owner Street 2:***	107 Norman Avenue
Seq No:	0000001	***Owner City:***	Brooklyn
Sub Type:	NNN	***Owner State:***	NY
Owner Name:		***Owner Zip:***	11222
Owner Company:	Brooklyn Public Library	***Country:***	United States of America
Owner Street:	Greenpoint Branch		

Owner Op:	06	***Owner Street 2:***	
Seq No:	0000003	***Owner City:***	Syosset
Sub Type:	P03	***Owner State:***	NY
Owner Name:	Alan Henick	***Owner Zip:***	11791
Owner Company:	The Western Carpet and Linoleum Co. Inc.	***Country:***	United States of America
Owner Street:	1545 Laurel Hollow Rd.		

HW Extra Information

Dump:	False	***Disposal Start:***	
Structure:	True	***Disposal Terminate:***	
Lagoon:	False	***Latitude:***	
Landfill:	False	***Longitude:***	
Pond:	False	***Record Added:***	2012-05-02 13:27:00
Dell:		***Record Updated:***	2015-09-28 16:38:00
Updated By:	IXMUNTEA		

Projects Information

Project Code:	04	***Operable Unit ID:***	1213751
Project Desc:	Remedial Design	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2014-04-02 00:00:00	***Code Name:***	Remedial Design
End Status:	ACT		

Project Code:	02	***Operable Unit ID:***	1213751
Project Desc:	Remedial Investigation	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2013-12-09 00:00:00	***Code Name:***	Remedial Investigation
End Status:	ACT		

Project Code:	25	***Operable Unit ID:***	1237350
Project Desc:		***Operable Unit:***	00
Project Refer Name:		***Operable Unit Desc:***	Site Management
End Date:	2015-10-19 00:00:00	***Code Name:***	Certificate of Completion
End Status:	ACT		

Project Code:	05	***Operable Unit ID:***	1213751
Project Desc:	Remedial Action	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

End Date: 2015-10-19 00:00:00 **Code Name:** Remedial Action
End Status: ACT

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88 **4 of 5** **ENE** **0.14 / 756.79** **15.82 / 6** **149 KENT AVENUE**
149 KENT AVE
BROOKLYN NY 11249 **RCRA LQG**

EPA Handler ID: NYR000160242
Gen Status Universe: Large Quantity Generator
Contact Name: TELL METZGER
Contact Address: 1865 , PALMER AVE , SUITE 203 , LARCHMONT , NY, 10538 , US
Contact Phone No and Ext: 914-833-3000 135
Contact Email: TMETZGER@LMDEVPARTNERS.COM
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20140707

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20081010
Handler Name: 149 KENT AVENUE LLC
Generator Status Universe: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100210
Handler Name: 149 KENT AVENUE LLC
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20130620
Handler Name: 149 KENT AVENUE LLC
Generator Status Universe: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20140707
Handler Name: 149 KENT AVENUE
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: KENT & WYTHE OWNERS LLC
Date Became Current: 20120731
Date Ended Current:
Street No: 1865
Street 1: PALMER AVE
Street 2:
City: LARCHMONT
State: NY

Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	10538
Owner/Operator Ind:	Current Operator	**Street No:**	202
Type:	Private	**Street 1:**	WYTHE AVE
Name:	149 KENT AVENUE LLC	**Street 2:**	
Date Became Current:	20011220	**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	11211
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	KENT & WYTHE OWNERS LLC	**Street 2:**	
Date Became Current:	20120731	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	1
Type:	Private	**Street 1:**	COW LANE
Name:	149 KENT AVE LLC	**Street 2:**	
Date Became Current:	20011220	**City:**	GREAT NECK
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	11024
Owner/Operator Ind:	Current Operator	**Street No:**	1
Type:	Private	**Street 1:**	COW LANE
Name:	WESTERN CARPET	**Street 2:**	
Date Became Current:	20061113	**City:**	GREAT NECK
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	11024
Owner/Operator Ind:	Current Owner	**Street No:**	1865
Type:	Private	**Street 1:**	PALMER AVE
Name:	KENT & WYTHE OWNERS LLC	**Street 2:**	SUITE 203
Date Became Current:	20120731	**City:**	LARCHMONT
Date Ended Current:		**State:**	NY
Phone:	914-833-3000	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	10538
Owner/Operator Ind:	Current Owner	**Street No:**	202
Type:	Private	**Street 1:**	WYTHE AVE
Name:	149 KENT AVENUE LLC	**Street 2:**	
Date Became Current:	20011220	**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	11211
Owner/Operator Ind:	Current Owner	**Street No:**	1865
Type:	Private	**Street 1:**	PALMER AVE SUITE 203
Name:	KENT & WYTHE OWNERS LLC	**Street 2:**	
Date Became Current:	20120731	**City:**	LARCHMONT
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	10538

88	*5 of 5*	*ENE*	*0.14 / 756.79*	*15.82 / 6*	***CON EDISON*** ***149 KENT AVE*** ***BROOKLYN NY 11238***	***RCRA NON GEN***

EPA Handler ID:	NYP004826374
Gen Status Universe:	No Report
Contact Name:	THOMAS TEELING
Contact Address:	
Contact Phone No and Ext:	212-460-3770

Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20150819

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150819
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150819
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20160226
Handler Name: CON EDISON - MANHOLE 4825
Generator Status Universe: No Report
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Operator	**Street No:**	4
Type:	Private	**Street 1:**	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	**Street 2:**	
Date Became Current:	20150819	**City:**	NEW YORK
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	10003

Owner/Operator Ind:	Current Owner	**Street No:**	4
Type:	Private	**Street 1:**	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	**Street 2:**	
Date Became Current:	20150819	**City:**	NEW YORK
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	10003

89	1 of 5	ENE	0.15 / 784.14	14.70 / 5	**CLEANER SALES & EQUIPMENT CORP.** **135 KENT AVENUE** **Brooklyn NY 11211**	AST

Site ID:	339689	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-000353	**UTM X:**	587641.12862
Program Type Code:	CBS	**UTM Y:**	4508127.72554
Program Type Desc:	Chemical Bulk Storage		
Site Type:	Chemical Distributor		

Tank Information

Prog No:	2-000353	**UDC Ind:**	1
Tank ID:	193339	**Red Tag Start Date:**	
Tank No:	01	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:		**Next Line Test Due:**	
Close Date:	2003-01-01 00:00:00	**Line Test Method:**	
Capacity (Gal):	5000	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	CBSInit
Tank Model:		**Last Modified:**	2005-03-21 18:03:06.230000000
Pipe Model:			
Tank Location:	1		
Tank Location Desc:	Aboveground-contact w/ soil		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Tank Owner Name:			
Tank Owner Address:			

89	2 of 5	ENE	0.15 / 784.14	14.70 / 5	**Former Cleaners Sales & Equipment Corp** **135 Kent Avenue** **Brooklyn NY 11249**	BROWNFIELDS

Site Code:	484026	**Site Code (GIS):**	C224177
HW Code:	C224177	**Site Class (GIS):**	A
Site Class:	A	**Address1 (GIS):**	135 Kent Avenue
Site Address:	135 Kent Avenue	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11249	**ZIP Code (GIS):**	11249

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587646.59219
Acres:	0.290	**Y Coord (GIS):**	4508130.36438
Record Added:	2013-07-02 16:14:00	**Method:**	1.1
Record Update:	2018-05-23 16:12:00	**Accuracy:**	None
Updated by:	JHOCONNE	**Latitude (GIS):**	40.7194357975866
Latitude:	40.719436111	**Longitude (GIS):**	-73.9622444462385
Longitude:	-73.962244444		

Site Name: Former Cleaners Sales & Equipment Corp

Site Name (GIS): Former Cleaners Sales & Equipment Corp

Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Program: BCP

Program Desc: BCP

Assess DOH: Direct contact with contaminants in the soil is unlikely because the site is covered with buildings and pavement. People are not drinking contaminated groundwater associated with the site because the area is served by a public water supply that is not contaminated by this site. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface in to the indoor air of buildings, is referred to as soil vapor intrusion. Environmental sampling identified impacts to the indoor air quality of the on-site building and immediate actions have been taken to minimize exposures. Additional evaluation is needed to determine whether soil vapor intrusion is a concern for off-site buildings.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The site is bounded to the north by North 6th St., to the west by Kent Avenue, to the south by BCP C224159, and to the est by mixed commercial/residential buildings. Site Features: The site is currently developed with a 2-story commercial/residential building (measuring approx. 125 ft x 100 ft). The first floor of the building is divided into individual tenant spaces operated by a coffee shop, deli, furniture store, clothing store, and storage area. A small sub-grade utility room exists beneath part of the first floor, where a boiler historically operated. One sump and two cleanout accesses, all with dirt bottoms, exist in the floor of the utility room. The second floor consists of 11 residential units. Current Zoning and Land Use: The site use is commercial and it is included in an M1-2/R6A (Manufacturing with a Residential Overlay) mixed use district. Past Use of the Site: Former Cleaners Sales & Equipment Corp., a dry cleaning fluid distribution facility and laundry supply distributor, operated onsite from approximately 1958 to 2002. Site Geology and Hydrogeology: USGS reports indicate the depth of the bedrock expected to be approximatively 100 feet below ground surface (fbsg). Based on the local topograpy, groundwater most likely flows in the west-southwest direction toward East River, located 500 feet from the subject site. The depth to the groundwater is expected to be 8 to 10 fbsg.

Assessment:

Nature and Extent of Contamination: Limited information about site contamination has been obtained through investigations performed on an adjacent site, and investigations performed on the sidewalk in front of the site by NYSDEC (see former site no. 224177). Further investigation of the on-site portions of the site are planned. The primary contaminants of concern are tetrachloroethylene (PCE) and its breakdown products trichloroethene (TCE), 1,2-dichloroethene (DCE) and vinyl chloride (VC). In May and June 2013, NYSDEC performed limited investigation on the sidewalk in front of 135 Kent Ave. and identified these contaminants in soil, groundwater, and soil vapor. Soil - PCE concentrations were detected at concentrations as high as 1.6 ppm (compared with Unrestricted Use Soil Cleanup Objective of 1.3 ppm); VC was detected at concentrations as high as 0.064 ppb (compared with 6NYCRR Part 375-6.8(a) UUSCO of 0.02 ppm). Groundwater - PCE concentrations were detected as high as 870 ppb (compared with Ambient Water Quality Standard of 5 ppb); TCE was found at up to 33 ppb (compared with AWQS of 5 ppb), and DCE was found at up to 20 ppb (compared with AWQS of 5 ppb). Soil vapor - PCE was identified at a concentration of 25,300,000 ug/m3, TCE at 10,400 µg/m3 and DCE at 7,060 ug/m3.

Owner Information

Seq No:	0000001	**Owner Street:**	135 Kent Ave.
Sub Type:	E	**Owner Street 2:**	
Own Op:	04	**Owner City:**	Brooklyn
Owner Name:	Raul Sillau, main tenent	**Owner State:**	NY

Owner Company:	135 Kent Avenue Management Corp.	**Owner Zip:**	11249
Country:	United States of America		
Seq No:	0000001	**Owner Street:**	107 Norman Ave.
Sub Type:	NNN	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Company:	Brooklyn Public Library - Greenpoint Branch	**Owner Zip:**	11222
Country:	United States of America		
Seq No:	0000002	**Owner Street:**	167 Cowpens Drive
Sub Type:	E	**Owner Street 2:**	
Own Op:	06	**Owner City:**	Orangebourg
Owner Name:	Lester Cohen/Jeff Cohen (son) jeff@launch3.com	**Owner State:**	NY
Owner Company:	135 Kent Avenue Management Corp.	**Owner Zip:**	10962
Country:	United States of America		
Seq No:	0000001	**Owner Street:**	167 Cowpens Drive
Sub Type:	P02	**Owner Street 2:**	
Own Op:	06	**Owner City:**	Orangeburg
Owner Name:	Lester Cohen (deceised)	**Owner State:**	NY
Owner Company:	135 Kent Avenue Management Corp	**Owner Zip:**	10962
Country:	United States of America		

HW Extra Information

Dump:	False	**Disposal Start:**	
Structure:	True	**Disposal Terminate:**	
Lagoon:	False	**Latitude:**	
Landfill:	False	**Longitude:**	
Pond:	False	**Record Added:**	2013-07-12 14:01:00
Dell:		**Record Updated:**	2013-07-12 15:01:00
Updated By:	IXMUNTEA		

Projects Information

Project Code:	05	**Operable Unit ID:**	1242700
Project Desc:	Remedial Action	**Operable Unit:**	01A
Project Refer Name:	SSDS	**Operable Unit Desc:**	SSDS - IRM
End Date:	2016-05-31 00:00:00	**Code Name:**	Remedial Action
End Status:	ACT		
Project Code:	04	**Operable Unit ID:**	1242700
Project Desc:	Remedial Design	**Operable Unit:**	01A
Project Refer Name:		**Operable Unit Desc:**	SSDS - IRM
End Date:	2014-04-17 00:00:00	**Code Name:**	Remedial Design
End Status:	ACT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
89	3 of 5	ENE	0.15 / 784.14	14.70 / 5	CLEANER SALES & EQUIPMENT CORP. 135 KENT AVENUE Brooklyn NY 11211	DELISTED TANKS

Delisted Storage Tanks

Program No:	2-000353	**DEC Region:**	2
Site ID:	339689	**County:**	Kings
Site Status:	Unregulated	**UTM X:**	587641.12862
Program Type:	Chemical Bulk Storage	**UTM Y:**	4508127.72554
Program Type Code:	CBS	**Original Source:**	CBS
Expiry:	N/A	**Record Date:**	28-AUG-2013
Site Type:	Chemical Distributor		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
89	4 of 5	ENE	0.15 / 784.14	14.70 / 5	CLEANERS SALES & EQUIPMENT 135 KENT AVE BROOKLYN NY 11211	RCRA CESQG

EPA Handler ID: NYR000113480
Gen Status Universe: Conditionally Exempt Small Quantity Generator
Contact Name: LESTER COHEN
Contact Address: 135 , KENT AVE , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext: 718-782-2400
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20030221
Handler Name: CLEANERS SALES & EQUIPMENT
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060101
Handler Name: CLEANERS SALES & EQUIPMENT
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070101
Handler Name: CLEANERS SALES & EQUIPMENT
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: CLEANERS SALES & EQUIPMENT
Date Became Current: 20030221
Date Ended Current:
Phone: 718-782-2400
Source Type: Implementer
Street No: 135
Street 1: KENT AVE
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Owner
Type: Private
Name: CLEANERS SALES & EQUIPMENT
Date Became Current: 20030221
Date Ended Current:
Phone: 718-782-2400
Source Type: Implementer
Street No: 135
Street 1: KENT AVE
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Operator
Type: Private
Name: CLEANERS SALES & EQUIPMENT
Date Became Current: 20030221
Date Ended Current:
Phone: 718-782-2400
Source Type: Notification
Street No: 135
Street 1: KENT AVE
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Owner
Type: Private
Name: CLEANERS SALES & EQUIPMENT
Date Became Current: 20030221
Date Ended Current:
Phone: 718-782-2400
Source Type: Notification
Street No: 135
Street 1: KENT AVE
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

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89 | **5 of 5** | **ENE** | **0.15 / 784.14** | **14.70 / 5** | **Former Cleaners Sales & Equipment Corp**
135 Kent Avenue
Brooklyn NY 11249 | **SHWS**

Site Code: 480999
Site Code (GIS): 224177
HW Code: 224177
SWIS: 2401
Site Class: N
Site Class (GIS): N
Program: HW
Acres: 0.270
Town: New York City
County: Kings
Region: 2
Town (GIS): New York City
Latitude: 40.719436111
Longitude: -73.962166667
Latitude (GIS): 40.7194357975128
Longitude (GIS): -73.9621666691908
X Coord (GIS): 587653.16118
Y Coord (GIS): 4508130.44200
Method: 4.2
Accuracy: Variable
Record Added: 2013-04-19 17:03:00
Record Update: 2013-10-30 14:16:00
Updated by: BXANDERS
Region (GIS): 2

County (GIS): Kings

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Assess DOH: Volatile organic compounds related to the site in the groundwater may move into soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants in indoor air due to soil vapor intrusion for the on-site building and off-site structures.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The site is located in an urban area at 135 Kent Avenue in the Borough of Brooklyn, Kings County, NY. The site is bordered to the north by North 6th Street, to the west by Kent Avenue, to the south by a vacant 2-story warehouse (see BCP site no. C224159), and to the east by a three story building which appears to consist of a garage on the first floor with residential above. Single and multi-family residential is located across North 6th St. and newly-constructed multi-story residential towers are located across Kent Avenue. Site Features: The Site currently consists of a 11,000 sq. ft. (0.27 acre) 2 story brick building with commercial units on the first floor and residential units on second floor. Current Zoning/Use(s): The site is currently zoned M1-2 (manufacturing) with an R6A (residential) overlay. The site is located within the Greenpoint-Williamsburg Rezoning District, and is surrounded by mixed commercial and residential uses. The Site has a NYC Restrictive Declaration (similar to E-Designation) for Hazardous Materials (E-138) and Air Quality (E-227). Past Site Use(s): The Site was previously occupied by a warehouse which operated as a commercial dry cleaner supplies distribution facility (Cleaners Sales & Equipment Corp.). This facility operated from about 1958 to 2002. Cleaners Sales & Equipment Corp. has a USEPA ID no. NYR000113480 for hazardous waste generation (tetrachloroethylene, or PCE). Furthermore, the site is a registered Chemical Bulk Storage Facility (CBS No. 2-000353 for a 5,000 gallon aboveground PCE storage tank) and Petroleum Bulk Storage facility (PBS No. 2-608579 for a 3,000 gallon closed-in-place underground storage tank. Site Geology and Hydrogeology: Soil borings installed on a neighboring property identified fill materials consisting of medium-grained sand with some gravel and brick fragments to a depth of approximately 8 feet below grade. Beneath the surface fill layer is sand and gravel to a depth of at least 28 feet below grade. Groundwater is present at a depth of approximately 12 feet below grade. Groundwater flows generally to the west-southwest towards the East River, which is located approximately 550 feet west of the site. Borings done in the sidewalk on N 6th St showed sand to 28 feet followed by a clay layer and then silty sand at 35 feet. Groundwater was at 17 feet below ground surface. This site has been accepted into the Brownfield Cleanup Program and, therefore, investigation and remediation will occur under that program. The site Index is C224177.

Assessment:

Nature and Extent of Contamination: Recent sampling was conducted as part of the Remedial Investigation for the adjacent BCP site. Soil vapor samples were collected from immediately in front of the loading dock for the former cleaner supply facility, which identified PCE at a concentration of 25,300,000ug/m3, and TCE 10,400µg/m3 and cis-1,2-DCE at 7,060 ug/m3. Significant Threat: Based upon the soil vapor sampling results there is a potential for inhalation of the site contaminants in indoor air due to soil vapor intrusion for the on-site building and off-site structures. The NYSDOH made an evaluation of significant threat for this site. The site was accepted in the Brownfield Cleanup Program (BCP) and the Index # is C224177.

Owner Information

Seq No:	0000001	***Owner Street:***	135 Kent Ave.
Sub Type:	E	***Owner Street 2:***	
Own Op:	01	***Owner City:***	Brooklyn
Owner Name:	Lester Cohen	***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	11249
Owner Co.:	135 Kent Ave. Management C.P.		

Seq No:	0000002	***Owner Street:***	167 Cowpens Dr
Sub Type:	E	***Owner Street 2:***	
Own Op:	01	***Owner City:***	Orangeburg
Owner Name:	Lester Cohen	***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	10962
Owner Co.:	135 Kent Ave. Management C.P.		

Projects Information

Project Code:	01	***Code Name:***	Site Characterization
Project Desc:	Site Caracterization	***Operable Unit ID:***	1230783
Project Refer Name:	Work Assignment	***Operable Unit:***	01
End Date:	2013-10-30 00:00:00	***Operable Unit Desc:***	Remedial Program
End Status:	ACT		

90	***1 of 2***	***S***	***0.15 / 787.99***	***18.45 / 9***	***CON EDISON KENT AVE & S 2ND ST BROOKLYN NY 11234***	***RCRA NON GEN***

EPA Handler ID:	NYP004784872
Gen Status Universe:	No Report
Contact Name:	THOMAS TEELING
Contact Address:	
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20150520

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150520
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150520
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Emergency

90	*2 of 2*	*S*	*0.15 / 787.99*	*18.45 / 9*	***CON EDISON*** ***KENT AVE & S 2ND ST*** ***BROOKLYN NY 11233***	***RCRA NON GEN***

EPA Handler ID:	NYP004828705
Gen Status Universe:	No Report
Contact Name:	THOMAS TEELING
Contact Address:	
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20150824

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150824
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150824
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
91	1 of 1	ENE	0.15 / 803.93	13.56 / 4	NYSDEC 224177 135 KENT AVE - SIDEWALK BROOKLYN NY 11211	RCRA NON GEN

EPA Handler ID: NYR000200394
Gen Status Universe: No Report
Contact Name: SONDRA MARTINKAT
Contact Address: 47-40 , 21ST ST , , LONG ISLAND CITY , NY, 11101 , US
Contact Phone No and Ext: 718-482-4891
Contact Email: SMMARTIN@GW.DEC.STATE.NY.US
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Municipal
Receive Date: 20140317

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20130514
Handler Name: NYSDEC 224177
Generator Status Universe: No Report
Source Type: Temporary

Waste Code Details

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20130531
Handler Name: NYSDEC 224177
Generator Status Universe: No Report
Source Type: Temporary

Waste Code Details

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140317
Handler Name: NYSDEC 224177
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	135
Type:	Private	**Street 1:**	KENT AVE
Name:	135 KENT AVENUE MANAGEMENT CO	**Street 2:**	
Date Became Current:	19900525	**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	718-782-2400	**Country:**	US
Source Type:	Temporary	**Zip Code:**	11211

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	State	**Street 1:**	
Name:	CITY SIDEWALK C/O NYS DEC	**Street 2:**	
Date Became Current:	20130513	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Implementer	**Zip Code:**	

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	State	**Street 1:**	
Name:	CITY SIDEWALK C/O NYS DEC	**Street 2:**	
Date Became Current:	20130513	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Temporary	**Zip Code:**	

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	135 KENT AVENUE MANAGEMENT CO	**Street 2:**	
Date Became Current:	19900525	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Temporary	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	47-40
Type:	State	**Street 1:**	21ST ST
Name:	CITY SIDEWALK C/O NYS DEC	**Street 2:**	
Date Became Current:	20130513	**City:**	LONG ISLAND CITY
Date Ended Current:		**State:**	NY
Phone:	718-482-4900	**Country:**	US
Source Type:	Implementer	**Zip Code:**	11101

Owner/Operator Ind:	Current Owner	**Street No:**	47-40
Type:	State	**Street 1:**	21ST ST
Name:	CITY SIDEWALK C/O NYS DEC	**Street 2:**	
Date Became Current:	20130513	**City:**	LONG ISLAND CITY
Date Ended Current:		**State:**	NY
Phone:	718-482-4900	**Country:**	US
Source Type:	Temporary	**Zip Code:**	11101

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
92	1 of 1	S	0.15 / 804.98	19.05 / 10	SOUTH 2ND AVE & KENT AVE SOUTH 2ND AVE & KENT AVE BROOKLYN NY	LST

Spill No:	8800834	**Spill Date:**	1988-04-27 12:45:00
Site ID:	163233	**Rcvd Date:**	1988-04-27 13:08:00
DER Facility ID:	137678	**CAC Date:**	1988-04-28 00:00:00
CID:		**Insp Date:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program Type:	ER	**Close Date:**	1988-04-28 00:00:00
SWIS Code:	2401	**Create Date:**	1988-05-05 00:00:00
Contribute Factor:	Tank Overfill	**Update Date:**	2003-12-11 00:00:00
Water Body:	EAST RIVER	**DEC Region:**	2
Source:	Vessel	**Lead DEC:**	SIGONA
Class:		**Reported by:**	Responsible Party
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

USCG WILL TRY TO INVESTIGATE, USCG WAITING FOR DEC TO NOTIFY THEM OF ANY ACTION.

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	TRINITY SIERRA/BARGE	**Spiller Country:**	001
Spiller Address:		**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.714734000		
Longitude:	-73.966775000		

Material Information

OP Unit ID:	916323	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	460005	**Med GW:**	False
Material Code:	0008	**Med SW:**	True
Material Name:	diesel	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	5.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

93	***1 of 5***	***S***	***0.16 / 832.84***	***29.49 / 20***	***DOMINO SUGAR CORP.- BROOKLYN REFINERY 49 SOUTH 2ND STREET BROOKLYN NY 11211-5187***	***AST***

Site ID:	340656	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-000194	**UTM X:**	587341.70233
Program Type Code:	CBS	**UTM Y:**	4507585.55819
Program Type Desc:	Chemical Bulk Storage		
Site Type:	Manufacturing (Other than Chemical)/Processing		

Tank Information

Prog No:	2-000194	**UDC Ind:**	1
Tank ID:	188531	**Red Tag Start Date:**	
Tank No:	CAU02	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:	1950-12-01 00:00:00	**Next Line Test Due:**	
Close Date:		**Line Test Method:**	
Capacity (Gal):	560	**Class A Operator:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	CBSInit
Tank Model:		**Last Modified:**	2005-03-21 18:03:06.230000000
Pipe Model:			
Tank Location:	1		
Tank Location Desc:	Aboveground-contact w/ soil		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Tank Owner Name:			
Tank Owner Address:			

93	2 of 5	S	0.16 / 832.84	29.49 / 20	DOMINO SUGAR CORP.- BROOKLYN REFINERY 49 SOUTH 2ND STREET BROOKLYN NY 11211-5187	DELISTED TANKS

Delisted Storage Tanks

Program No:	2-000194	**DEC Region:**	2
Site ID:	340656	**County:**	Kings
Site Status:	Unregulated	**UTM X:**	587341.70233
Program Type:	Chemical Bulk Storage	**UTM Y:**	4507585.55819
Program Type Code:	CBS	**Original Source:**	CBS
Expiry:	N/A	**Record Date:**	28-AUG-2013
Site Type:	Manufacturing (Other than Chemical)/Processing		

93	3 of 5	S	0.16 / 832.84	29.49 / 20	CLOSED-LACKOF RECENT INFO 49 SOUTH 2ND STREET NEW YORK CITY NY	LST

Spill No:	8807845	**Spill Date:**	1988-12-27 15:25:00
Site ID:	73688	**Rcvd Date:**	1988-12-27 17:15:00
DER Facility ID:	69330	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2003-03-14 00:00:00
SWIS Code:	2401	**Create Date:**	1988-12-30 00:00:00
Contribute Factor:	Tank Test Failure	**Update Date:**	2003-03-14 00:00:00
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	ADMIN. CLOSED
Class:	C4	**Reported by:**	Tank Tester
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

3K TANK FAILED TEST WITH A LEAK RATE OF -.593GPH, WILL REPAIR AND RETEST. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:		**Spiller Country:**	001
Spiller Address:		**Contact Name:**	
Spiller City:	***Update***	**Contact Phone:**	
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.724668660		
Longitude:	-73.989913560		

Material Information

OP Unit ID:	923322	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	452621	***Med GW:***	True
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	-1.00	***Med Subway:***	False
Units:	L	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

Tank Test Information

Spill Tank ID:	1535041	***Source:***	
Tank No:		***Leak Rate:***	.00
Tank SIze:	0	***Gross Fail:***	
Material:	0066A	***Modified by:***	Spills
EPA UST:		***Last Modified:***	2004-10-01 04:00:45.140000000
UST:		***Test Method:***	00
Cause:		***Alt Test Method:***	Unknown

---

93 ***4 of 5*** ***S*** ***0.16 / 832.84*** ***29.49 / 20*** ***CLOSED-LACKOF RECENT INFO***
49 SOUTH 2ND ST.
NEW YORK CITY NY ***LST***

Spill No:	8706162	***Spill Date:***	1987-10-21 14:45:00
Site ID:	265300	***Rcvd Date:***	1987-10-21 15:15:00
DER Facility ID:	216185	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2003-03-13 00:00:00
SWIS Code:	2401	***Create Date:***	1987-10-26 00:00:00
Contribute Factor:	Tank Test Failure	***Update Date:***	2003-03-18 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	ADMIN. CLOSED
Class:	A3	***Reported by:***	Tank Tester
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	True		
Caller Remark:			

(2) 5.5K TANKS FAILED TEST WITH A LEAK RATE OF -.1863G/HR. WILL EXCAVATE, ISOLATE, AND RETEST. CONTACT: JOE LUCCES (718) 387-6800. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

DEC Remark:

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	AMSTAR	***Spiller Country:***	001
Spiller Address:	49 SOUTH 2ND ST.	***Contact Name:***	
Spiller City:	BROOKLYN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.724668660		
Longitude:	-73.989913560		

Material Information

OP Unit ID:	912204	***Med Air:***	False
OU:	01	***Med in Air:***	False

Material ID:	465187	**Med GW:**	True
Material Code:	0008	**Med SW:**	False
Material Name:	diesel	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	-1.00	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

Tank Test Information

Spill Tank ID:	1531985	**Source:**	
Tank No:		**Leak Rate:**	.00
Tank SIze:	0	**Gross Fail:**	
Material:	0008	**Modified by:**	Spills
EPA UST:		**Last Modified:**	2004-10-01 04:00:45.140000000
UST:		**Test Method:**	00
Cause:		**Alt Test Method:**	Unknown

93 | ***5 of 5*** | ***S*** | ***0.16 / 832.84*** | ***29.49 / 20*** | ***DOMINO SUGAR CORP
49 S SECOND ST
BROOKLYN NY 11211-5187*** | ***RCRA
NON GEN***

EPA Handler ID:	NYD001287945
Gen Status Universe:	No Report
Contact Name:	DAVID DEMONE
Contact Address:	49 , S SECOND ST , , BROOKLYN , NY, 11211-5187 , US
Contact Phone No and Ext:	718-387-6800
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20070101

Violation/Evaluation Summary

Note:	VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated June, 2019.

Violation Details

Citation:	
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	19840829
Scheduled Compliance Date:	19850427
Return to Compliance:	Observed
Actual Return to Compl:	19850607
Violation Responsible Agency:	State

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	19850327
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Evaluation Details

Evaluation Start Date: 20030128
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19981023
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19890719
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19840829
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19850607
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19920422
Handler Name: DOMINO SUGAR CORP
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060101
Handler Name: DOMINO SUGAR CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070101
Handler Name: DOMINO SUGAR CORP
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: DOMINO SUGAR CORP
Date Became Current:
Date Ended Current:
Phone: 212-789-9700
Source Type: Implementer
Street No:
Street 1: 1114 AVE OF THE AMERICAS
Street 2:
City: NEW YORK
State: NY
Country: US
Zip Code: 10036-7783

Owner/Operator Ind: Current Operator
Type: Private
Name: DOMINO SUGAR CORP
Date Became Current:
Date Ended Current:
Phone: 212-789-9700
Source Type: Implementer
Street No:
Street 1: 1114 AVE OF THE AMERICAS
Street 2:
City: NEW YORK
State: NY
Country: US
Zip Code: 10036-7783

Owner/Operator Ind: Current Owner
Type: Private
Name: DOMINO SUGAR CORP
Date Became Current:
Date Ended Current:
Phone: 212-789-9700
Source Type: Notification
Street No:
Street 1: 1114 AVE OF THE AMERICAS
Street 2:
City: NEW YORK
State: NY
Country:
Zip Code: 10036-7783

94	1 of 1	NE	0.16 / 836.10	13.93 / 5	CON EDISON KENT AVE & N 6TH ST BROOKLYN NY 11215	RCRA NON GEN

EPA Handler ID: NYP004724043
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20150203

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150203
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150203
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
95	1 of 1	E	0.16 / 839.36	16.54 / 7	JIN HAIN FOOD PRODUCTS INC. 181 WYTHE AVENUE BROOKLYN NY 11211	UST

Site ID:	515743	***Expiry:***	
Site Status:	Unregulated/Closed	***County:***	Kings
Program No:	2-612489	***UTM X:***	587699.01483
Program Type Code:	PBS	***UTM Y:***	4508005.84666
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Other		

Tank Information

Prog No:	2-612489	***UDC Ind:***	0
Tank ID:	258470	***Red Tag Start Date:***	
Tank No:	01	***Red Tag End Date:***	
Tank Status:	4	***Tank Last Test:***	
Tank Status Desc:	Closed - In Place	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:	2015-10-20 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	5000	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	NTFREEMA
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	1		

Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name: JONGOON (JAY) KIM
Tank Owner Address: 80 NORTH 5TH ST. BROOKLYN, NY. 11249

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: B01
Code Name: Painted/Asphalt Coating
Type: Tank External Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: C03
Code Name: Aboveground/Underground Combination
Type: Pipe Location

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Tank Information

Prog No:	2-612489	**UDC Ind:**	0
Tank ID:	258471	**Red Tag Start Date:**	
Tank No:	02	**Red Tag End Date:**	
Tank Status:	4	**Tank Last Test:**	
Tank Status Desc:	Closed - In Place	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2015-10-20 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	5000	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	NTFREEMA
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name: JONGOON (JAY) KIM
Tank Owner Address: 80 NORTH 5TH ST. BROOKLYN, NY. 11249

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: C03
Code Name: Aboveground/Underground Combination
Type: Pipe Location

Equipment: B01
Code Name: Painted/Asphalt Coating
Type: Tank External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: E00

Code Name: None
Type: Piping Secondary Containment

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: K00
Code Name: None
Type: Spill Prevention

Affiliation Information

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: JIN HAIN FOOD PRODUCTS INC.
Contact Title:
Contact Name:
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 782-4001
Phone Ext:
Email:
Fax:
Modified By: CGFREEDM
Last Modified: 2015-11-05 14:16:54.547000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: PACIFIC FOODS (NY) CORP.
Contact Title:
Contact Name: JONGOON (JAY) KIM
Address1: 80 NORTH 5TH STREET
Address2:
City: BROOKLYN
State: NY
Zip Code: 11249
Country Code: 001
Phone: (917) 817-6656
Phone Ext:
Email: JONGOONKIM@GMAIL.COM
Fax:
Modified By: CGFREEDM
Last Modified: 2015-11-19 15:59:03.727000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: ACKY INC.
Contact Title: PRESIDENT
Contact Name: JONGOON (JAY) KIM
Address1: 80 NORTH 5TH ST.
Address2:
City: BROOKLYN
State: NY
Zip Code: 11249
Country Code: 001
Phone: (718) 782-4001

Phone Ext: 3
Email:
Fax:
Modified By: CGFREEDM
Last Modified: 2015-11-19 15:59:03.723000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: JONGDOON (JAY) KIM - PRESIDENT
Contact Title:
Contact Name: JONGOON (JAY) KIM
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 782-4001
Phone Ext: 3
Email:
Fax:
Modified By: CGFREEDM
Last Modified: 2015-11-05 14:16:54.547000000

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96 | **1 of 1** | **ESE** | **0.16 / 846.73** | **28.99 / 20** | **94 NORTH 3RD STREET**
94 NORTH 3RD STREET
BROOKLYN NY 11249 | **UST**

Site ID: 554274
Site Status: Unregulated/Closed
Program No: 2-612732
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Other
Expiry:
County: Kings
UTM X:
UTM Y:

Tank Information

Prog No: 2-612732
Tank ID: 269833
Tank No: 004
Tank Status: 3
Tank Status Desc: Closed - Removed
Tank Type: 05
Tank Type Desc: Steel Tank in Concrete
Install Date: 1941-02-10 00:00:00
Close Date:
Capacity (Gal): 550
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
UDC Ind: 0
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: -
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method: -
Modified by: MFLEONAR
Last Modified: 2017-07-11 13:59:48.543000000
Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart: 2
Subpart Desc: Subpart 2 contains requirements for USTs (underground storage tanks) subject to EPA UST regulations and DEC requirements.
Class A Operator:
Class B Operator:
Tank Owner Name: MATTHEW CARROLL
Tank Owner Address: 826 BROADWAY, 11TH FLOOR NEW YORK, NY. 10003

Material Information

Material Code: 0000
Material Name: empty
Percent: 100.00

Equipment Information

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Equipment: B05
Code Name: Jacketed
Type: Tank External Protection

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: I00
Code Name: None
Type: Overfill

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Tank Information

Prog No:	2-612732	***UDC Ind:***	0
Tank ID:	269830	***Red Tag Start Date:***	
Tank No:	001	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	-
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:	1941-02-10 00:00:00	***Next Test:***	
Close Date:		***Line Last Test Due:***	
Capacity (Gal):	550	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	-

Registered: True
Modified by: MFLEONAR
Tank Model:
Last Modified: 2017-07-11 13:59:48.530000000
Pipe Model:
Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart: 2
Subpart Desc: Subpart 2 contains requirements for USTs (underground storage tanks) subject to EPA UST regulations and DEC requirements.
Class A Operator:
Class B Operator:
Tank Owner Name: MATTHEW CARROLL
Tank Owner Address: 826 BROADWAY, 11TH FLOOR NEW YORK, NY. 10003

Material Information

Material Code: 0009
Material Name: gasoline
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: B05
Code Name: Jacketed
Type: Tank External Protection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: I00
Code Name: None
Type: Overfill

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: F00
Code Name: None
Type: Pipe External Protection

Tank Information

Prog No:	2-612732	**UDC Ind:**	0
Tank ID:	269832	**Red Tag Start Date:**	
Tank No:	003	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	05	**Test Method:**	-
Tank Type Desc:	Steel Tank in Concrete	**Date Tested:**	
Install Date:	1941-02-10 00:00:00	**Next Test:**	
Close Date:		**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	-
Registered:	True	**Modified by:**	MFLEONAR
Tank Model:		**Last Modified:**	2017-07-11 13:59:48.540000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart: 2
Subpart Desc: Subpart 2 contains requirements for USTs (underground storage tanks) subject to EPA UST regulations and DEC requirements.
Class A Operator:
Class B Operator:
Tank Owner Name: MATTHEW CARROLL
Tank Owner Address: 826 BROADWAY, 11TH FLOOR NEW YORK, NY. 10003

Material Information

Material Code: 0009
Material Name: gasoline
Percent: 100.00

Equipment Information

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: E00
Code Name: None

Type: Piping Secondary Containment

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: B05
Code Name: Jacketed
Type: Tank External Protection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Tank Information

Prog No:	2-612732	***UDC Ind:***	0
Tank ID:	269834	***Red Tag Start Date:***	
Tank No:	005	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	05	***Test Method:***	-
Tank Type Desc:	Steel Tank in Concrete	***Date Tested:***	
Install Date:	1941-02-10 00:00:00	***Next Test:***	
Close Date:		***Line Last Test Due:***	
Capacity (Gal):	550	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	-
Registered:	True	***Modified by:***	MFLEONAR
Tank Model:		***Last Modified:***	2017-07-11 13:59:48.550000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart: 2
Subpart Desc: Subpart 2 contains requirements for USTs (underground storage tanks) subject to EPA UST regulations and DEC requirements.
Class A Operator:
Class B Operator:
Tank Owner Name: MATTHEW CARROLL
Tank Owner Address: 826 BROADWAY, 11TH FLOOR NEW YORK, NY. 10003

Material Information

Material Code: 0000
Material Name: empty
Percent: 100.00

Equipment Information

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: B05
Code Name: Jacketed
Type: Tank External Protection

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: I00
Code Name: None
Type: Overfill

Tank Information

Prog No:	2-612732	***UDC Ind:***	0
Tank ID:	269831	***Red Tag Start Date:***	
Tank No:	002	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	-
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:	1941-02-10 00:00:00	***Next Test:***	
Close Date:		***Line Last Test Due:***	
Capacity (Gal):	550	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	-
Registered:	True	***Modified by:***	MFLEONAR
Tank Model:		***Last Modified:***	2017-07-11 13:59:48.537000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart: 2
Subpart Desc: Subpart 2 contains requirements for USTs (underground storage tanks) subject to EPA UST regulations and DEC requirements.
Class A Operator:
Class B Operator:
Tank Owner Name: MATTHEW CARROLL
Tank Owner Address: 826 BROADWAY, 11TH FLOOR NEW YORK, NY. 10003

Material Information

Material Code: 0009
Material Name: gasoline
Percent: 100.00

Equipment Information

Equipment: B05
Code Name: Jacketed
Type: Tank External Protection

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: I00
Code Name: None
Type: Overfill

Affiliation Information

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: 125 METROPOLITAN OWNER LLC
Contact Title: ENVIRONMENTAL ENGINEER
Contact Name: MATTHEW CARROLL
Address1: 826 BROADWAY, 11TH FLOOR

Address2:
City: NEW YORK
State: NY
Zip Code: 10003
Country Code: 001
Phone: (212) 777-9500
Phone Ext:
Email:
Fax:
Modified By: MFLEONAR
Last Modified: 2017-07-11 13:58:55.950000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: 125 METROPOLITAN OWNER LLC
Contact Title:
Contact Name: PEDRAM MAHDAVI
Address1: 826 BROADWAY
Address2: 11TH FLOOR
City: NEW YORK
State: NY
Zip Code: 10003
Country Code: 001
Phone: (212) 777-9500
Phone Ext:
Email: PMAHDAVI@HUDSONINC.COM
Fax:
Modified By: MFLEONAR
Last Modified: 2017-07-11 13:58:55.950000000

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: 94 NORTH 3RD STREET
Contact Title:
Contact Name:
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone:
Phone Ext:
Email:
Fax:
Modified By: ACDANIEL
Last Modified: 2017-06-29 11:34:27.450000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: 125 METROPOLITAN OWNER LLC
Contact Title:
Contact Name:
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 999
Phone:
Phone Ext:
Email:
Fax:
Modified By: MFLEONAR
Last Modified: 2017-07-11 13:58:55.947000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
97	1 of 1	E	0.16 / 852.39	16.54 / 7	CON ED - MH 64824 WYTHE AVE 115 N/O 5 ST BROOKLYN NY 11211-0000	RCRA NON GEN

EPA Handler ID: NYP004009619
Gen Status Universe: No Report
Contact Name: ANTHONY DRUMMINGS
Contact Address: CONSOLIDATED EDISON INC , , NEW YORK , NY, 10003-0000 , US
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type:
Receive Date: 19980228

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980226
Handler Name: CON ED - MH 64824
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980227
Handler Name: CON ED - MH 64824
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19980228
Handler Name: CON ED - MH 64824
Generator Status Universe: No Report
Source Type: Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
98	1 of 1	NE	0.17 / 872.62	12.30 / 3	CVS PHARMACY #4958 27 N 6TH ST BROOKLYN NY 11249	RCRA LQG

EPA Handler ID: NYR000192880
Gen Status Universe: Large Quantity Generator
Contact Name: NICOLE WILKINSON
Contact Address: 1 , CVS DR MC2340 , , WOONSOCKET , RI, 02895 , US
Contact Phone No and Ext: 401-770-7132
Contact Email: NICOLE.WILKINSON@CVSHEALTH.COM
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20180129

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20120305
Handler Name: CVS PHARMACY #4958
Generator Status Universe: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20130117
Handler Name: CVS PHARMACY #4958
Generator Status Universe: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140317
Handler Name: CVS PHARMACY #4958
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P075

Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Code: P188
Waste Code Description: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20160314
Handler Name: CVS PHARMACY #4958
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20180129
Handler Name: CVS PHARMACY #4958
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	42-06
Type:	Private	***Street 1:***	235TH ST
Name:	CVS ALBANY LLC	***Street 2:***	
Date Became Current:	20110324	***City:***	DOUGLASTON
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	11363

Owner/Operator Ind:	Current Owner	***Street No:***	42-06
Type:	Private	***Street 1:***	235TH ST
Name:	WILLIAMSBURG EDGE HOLDINGS LLC	***Street 2:***	
Date Became Current:	20101020	***City:***	DOUGLASTON
Date Ended Current:		***State:***	NY
Phone:	718-400-9292	***Country:***	US
Source Type:	Notification	***Zip Code:***	11363

Owner/Operator Ind:	Current Operator	***Street No:***	1
Type:	Private	***Street 1:***	CVS DR
Name:	CVS ALBANY LLC	***Street 2:***	
Date Became Current:	20110324	***City:***	WOONSOCKET
Date Ended Current:		***State:***	RI
Phone:	401-765-1500	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	02895

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	CVS ALBANY LLC	***Street 2:***	
Date Became Current:	20110324	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	

Owner/Operator Ind:	Current Owner	***Street No:***	42-06
Type:	Private	***Street 1:***	235TH ST
Name:	WILLIAMSBURG EDGE HOLDINGS LLC	***Street 2:***	
Date Became Current:	20101020	***City:***	DOUGLASTON
Date Ended Current:		***State:***	NY
Phone:	718-400-9292	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	11363

Owner/Operator Ind:	Current Owner	***Street No:***	42-06
Type:	Private	***Street 1:***	235TH ST
Name:	WILLIAMSBURG EDGE HOLDINGS LLC	***Street 2:***	
Date Became Current:	20101020	***City:***	DOUGLASTON
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	11363

Owner/Operator Ind:	Current Operator	***Street No:***	1
Type:	Private	***Street 1:***	CVS DR
Name:	CVS ALBANY LLC	***Street 2:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Became Current:	20110324	**City:**	WOONSOCKET
Date Ended Current:		**State:**	RI
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	02895

99	1 of 1	SE	0.17 / 885.67	37.73 / 28	GARCIA-RIVERA PROPERTY 98 N 1ST ST BROOKLYN NY 11211-3936	RCRA NON GEN

EPA Handler ID:	NYD981563737
Gen Status Universe:	No Report
Contact Name:	
Contact Address:	101 , GRAND ST , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20070101

Violation/Evaluation Summary

Note:	NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date:	19990909
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	EPA

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19861030
Handler Name:	GARCIA-RIVERA PROPERTY
Generator Status Universe:	No Report
Source Type:	Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: P106
Waste Code Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990708
Handler Name: GARCIA-RIVERA PROPERTY
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: GARCIA-RIVERA PROPERTY
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: GARCIA-RIVERA PROPERTY
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: ELLEN & OSCAR GARCIA-RIVERA
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: ELLEN & OSCAR GARCIA-RIVERA
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: ELLEN & OSCAR GARCIA-RIVERA
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country:
Zip Code: 99999

100	*1 of 2*	*SE*	*0.17 / 897.50*	*33.70 / 24*	***CON EDISON*** ***97 N 1ST ST & WYTHE AVE*** ***BROOKLYN NY 11233***	***RCRA NON GEN***

EPA Handler ID: NYP004841728
Gen Status Universe: No Report
Contact Name: THOMAS TEELING

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20150921

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150921
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150921
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

100	2 of 2	SE	0.17 / 897.50	33.70 / 24	CON EDISON 97 N 1ST ST & WYTHE AVE BROOKLYN NY 11233	RCRA NON GEN

EPA Handler ID: NYP004841694
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20150921

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150921
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150921
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
101	1 of 3	E	0.17 / 897.69	17.96 / 9	CON EDISON - MANHOLE 59713 80 NORTH 5TH ST BROOKLYN NY 11211	RCRA LQG

EPA Handler ID:	NYP004301958
Gen Status Universe:	Large Quantity Generator
Contact Name:	DENNIS HUACON
Contact Address:	4 , IRVING PLACE, 15TH FL NE , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext:	212-460-2757
Contact Email:	HUACOND@CONED.COM
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20140327

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20130416
Handler Name:	CON EDISON MANHOLE: 59713
Generator Status Universe:	Large Quantity Generator
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20130516
Handler Name:	CON EDISON MANHOLE: 59713
Generator Status Universe:	Large Quantity Generator
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20140327
Handler Name:	CON EDISON - MANHOLE 59713
Generator Status Universe:	Large Quantity Generator
Source Type:	Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20130416	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003
Owner/Operator Ind:	Current Owner	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20130416	***City:***	NEW YORK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Ended Current: **State:** NY
Phone: **Country:** US
Source Type: Annual/Biennial Report update with Notification **Zip Code:** 10003

101	2 of 3	E	0.17 / 897.69	17.96 / 9	STATE PIPE & NIPPLE CORP 185 WYTHE AVE BROOKLYN NY 11211-3120	RCRA NON GEN

EPA Handler ID: NYD000831495
Gen Status Universe: No Report
Contact Name:
Contact Address: 185 , WYTHE AVE , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type:
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date: 19990902
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19890830
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19800929
Handler Name: STATE PIPE & NIPPLE CORP
Generator Status Universe: No Report

Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990708
Handler Name: STATE PIPE & NIPPLE CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: STATE PIPE & NIPPLE CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: STATE PIPE & NIPPLE CORP
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	STATE PIPE & NIPPLE CORP	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	US
Source Type:	Implementer	**Zip Code:**	99999

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	STATE PIPE & NIPPLE CORP	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	US
Source Type:	Implementer	**Zip Code:**	99999

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	STATE PIPE & NIPPLE CORP	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
101	3 of 3	E	0.17 / 897.69	17.96 / 9	MERIT SCREEN PRINTING 80 N FIFTH ST BROOKLYN NY 11211-3125	RCRA NON GEN

EPA Handler ID: NYD986972156
Gen Status Universe: No Report
Contact Name:
Contact Address: 80 , N FIFTH ST , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext:
Contact Email:
Contact Country: US

County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date: 19990915
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19921210
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19911003
Handler Name: MERIT SCREEN PRINTING
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990708
Handler Name: MERIT SCREEN PRINTING
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: MERIT SCREEN PRINTING
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: MERIT SCREEN PRINTING
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: M WIENER-R CARDINALE-F ARDITO
Date Became Current:
Date Ended Current:
Phone: 718-599-0500
Source Type: Implementer
Street No:
Street 1: 80 N FIFTH ST
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Operator
Type: Private
Name: M WIENER-R CARDINALE-F ARDITO
Date Became Current:
Date Ended Current:
Phone: 718-599-0500
Source Type: Implementer
Street No:
Street 1: 80 N FIFTH ST
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Owner
Type: Private
Name: M WIENER-R CARDINALE-F ARDITO
Date Became Current:
Date Ended Current:
Phone: 718-599-0500
Source Type: Notification
Street No:
Street 1: 80 N FIFTH ST
Street 2:
City: BROOKLYN
State: NY
Country:
Zip Code: 11211

102	*1 of 1*	*ENE*	*0.17 / 905.25*	*17.44 / 8*	***MTA NYCT - WILLIAMSBURG BRIDGE CIR #127 - J LINE S 6TH ST BTW KENT & WYTHE AVES BROOKLYN NY 11249***	***RCRA NON GEN***

EPA Handler ID: NYR000200261
Gen Status Universe: No Report
Contact Name: GERALD LEZEAU
Contact Address: 2 , BROADWAY 5TH FL 503 , , NEW YORK , NY, 10004 , US
Contact Phone No and Ext: 646-252-3535
Contact Email: GERALD.LEZEAU@NYCT.COM
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: State

Receive Date: 20160624

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20130430
Handler Name: MTA NYCT - WILLIAMSBURG BRIDGE CIR #127 - J LINE
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20160624
Handler Name: MTA NYCT - WILLIAMSBURG BRIDGE CIR #127 - J LINE
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: State
Name: MTA NYCT
Date Became Current: 19680301
Date Ended Current:
Phone:
Source Type: Implementer

Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	2
Type:	State	**Street 1:**	BROADWAY 5TH FL 503
Name:	MTA NYCT	**Street 2:**	
Date Became Current:	19680301	**City:**	NEW YORK
Date Ended Current:		**State:**	NY
Phone:	646-252-3535	**Country:**	US
Source Type:	Notification	**Zip Code:**	10004
Owner/Operator Ind:	Current Owner	**Street No:**	2
Type:	State	**Street 1:**	BROADWAY 5TH FL 503
Name:	MTA NYCT	**Street 2:**	
Date Became Current:	19680301	**City:**	NEW YORK
Date Ended Current:		**State:**	NY
Phone:	646-252-3535	**Country:**	US
Source Type:	Implementer	**Zip Code:**	10004
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	State	**Street 1:**	
Name:	MTA NYCT	**Street 2:**	
Date Became Current:	19680301	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	

103	*1 of 2*	*ESE*	*0.18 / 928.48*	*21.83 / 12*	***KI-TOV LAMP CO*** ***76 N 4TH ST*** ***BROOKLYN NY 11211***	***RCRA CESQG***

EPA Handler ID:	NYR000039842
Gen Status Universe:	Conditionally Exempt Small Quantity Generator
Contact Name:	FRANK NAPPI
Contact Address:	76 , N 4TH ST , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext:	718-486-8700
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20070101

Violation/Evaluation Summary

Note:	VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated June, 2019.

Violation Details

Citation:	SR - 371.1(f)(7)
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	20021209
Scheduled Compliance Date:	
Return to Compliance:	Documented
Actual Return to Compl:	20030210
Violation Responsible Agency:	State

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	20021223
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	

Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20021209
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20030210
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19970527
Handler Name: KI-TOV LAMP CO
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980105
Handler Name: KI-70V LAMP CO.
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060101
Handler Name: KI-TOV LAMP CO
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070101
Handler Name: KI-TOV LAMP CO
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: GREENPOINT LIGHTING INDUSTRIES
Date Became Current:
Date Ended Current:
Phone: 718-486-8700
Source Type: Implementer
Street No:
Street 1: 76 N 4TH ST
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Operator
Type: Private
Name: GREENPOINT LIGHTING INDUSTRIES
Date Became Current:
Date Ended Current:
Phone: 718-486-8700
Source Type: Implementer
Street No:
Street 1: 76 N 4TH ST
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Owner
Type: Private
Name: GREENPOINT LIGHTING INDUSTRIES
Date Became Current:
Date Ended Current:
Phone: 718-486-8700
Source Type: Notification
Street No:
Street 1: 76 N 4TH ST
Street 2:
City: BROOKLYN
State: NY
Country:
Zip Code: 11211

103	2 of 2	ESE	0.18 / 928.48	21.83 / 12	76 NORTH 4TH STREET 76 NORTH 4TH STREET BROOKLYN NY 11211	UST

Site ID: 389754
Site Status: Unregulated/Closed
Program No: 2-610702
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Manufacturing (Other than Chemical)/Processing
Expiry:
County: Kings
UTM X: 587650.14330
UTM Y: 4507947.56378

Tank Information

Prog No:	2-610702	**UDC Ind:**	1
Tank ID:	220355	**Red Tag Start Date:**	
Tank No:	003	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	00
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2007-08-31 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	5000	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	dxliving
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0002
Material Name: #4 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: I01
Code Name: Float Vent Valve
Type: Overfill

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: C03
Code Name: Aboveground/Underground Combination
Type: Pipe Location

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: K01
Code Name: Catch Basin
Type: Spill Prevention

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: J00
Code Name: None

Type: Dispenser

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Tank Information

Prog No:	2-610702	***UDC Ind:***	1
Tank ID:	220353	***Red Tag Start Date:***	
Tank No:	001	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	00
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:	2007-08-31 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	5000	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	dxliving
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0002
Material Name: #4 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: K01
Code Name: Catch Basin
Type: Spill Prevention

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: I01
Code Name: Float Vent Valve
Type: Overfill

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: C03
Code Name: Aboveground/Underground Combination
Type: Pipe Location

Tank Information

Prog No:	2-610702	**UDC Ind:**	1
Tank ID:	220354	**Red Tag Start Date:**	
Tank No:	002	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	00
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2007-08-31 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	5000	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	dxliving
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0002
Material Name: #4 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: K01
Code Name: Catch Basin
Type: Spill Prevention

Equipment: I01
Code Name: Float Vent Valve
Type: Overfill

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: C03
Code Name: Aboveground/Underground Combination
Type: Pipe Location

Affiliation Information

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: STEELWORKS N. 4TH DEVELOPMENT LP
Contact Title: PRINCIPAL
Contact Name: DAVID BERGER
Address1: 126 5TH AVE., SUITE 10D
Address2:
City: NEW YORK
State: NY
Zip Code: 10011
Country Code: 001
Phone: (212) 481-4488
Phone Ext:
Email:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fax:	
Modified By:	dxliving
Last Modified:	2007-11-13 09:59:15.997000000
Affiliation Type:	01
Affiliation Name:	Facility Owner
Affiliation Sub Type:	E
Company:	STEELWORKS N. 4TH DEVELOPMENT LP
Contact Title:	PRINCIPAL
Contact Name:	DAVID BERGER
Address1:	126 5TH AVE., SUITE 10D
Address2:	
City:	NEW YORK
State:	NY
Zip Code:	10011
Country Code:	001
Phone:	(212) 481-4488
Phone Ext:	
Email:	
Fax:	
Modified By:	dxliving
Last Modified:	2007-11-13 09:59:15.997000000
Affiliation Type:	04
Affiliation Name:	Facility Operator
Affiliation Sub Type:	NNN
Company:	76 NORTH 4TH STREET
Contact Title:	
Contact Name:	DAVID BERGER
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(212) 481-4488
Phone Ext:	
Email:	
Fax:	
Modified By:	dxliving
Last Modified:	2007-11-13 09:59:15.997000000
Affiliation Type:	11
Affiliation Name:	Emergency Contact
Affiliation Sub Type:	NNN
Company:	STEELWORKS N. 4TH DEVELOPMENT LP
Contact Title:	
Contact Name:	DAVID BERGER
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(212) 481-4488
Phone Ext:	
Email:	
Fax:	
Modified By:	dxliving
Last Modified:	2007-11-13 09:59:15.997000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
104	1 of 2	SSE	0.18 / 950.24	41.34 / 32	PUBLIC SCHOOL 84 - BROOKLYN K084 250 BERRY STREET Brooklyn NY 11249	AST

Site ID:	17797	**Expiry:**	2023/06/28
Site Status:	Active	**County:**	Kings

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program No:	2-356360	**UTM X:**	587577.66713
Program Type Code:	PBS	**UTM Y:**	4507620.30273
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	School		

Tank Information

Prog No:	2-356360	**UDC Ind:**	0
Tank ID:	34834	**Red Tag Start Date:**	
Tank No:	002	**Red Tag End Date:**	
Tank Status:	1	**Tank Last Test:**	
Tank Status Desc:	In Service	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	-
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:	1969-04-23 00:00:00	**Next Line Test Due:**	
Close Date:		**Line Test Method:**	-
Capacity (Gal):	7500	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	DMPOKRZY
Tank Model:		**Last Modified:**	2018-02-13 15:17:13.850000000
Pipe Model:			

Tank Location: 3
Tank Location Desc: Aboveground on saddles, legs, stilts, rack or cradle
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart: 4
Subpart Desc: Subpart 4 contains requirements for ASTs (aboveground storage tanks).
Tank Owner Name: MUNENDRA SHARMA
Tank Owner Address: 44-36 VERNON BOULEVARD LONG ISLAND CITY, NY. 11101

Material Information

Material Code: 0002
Material Name: #4 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: H01
Code Name: Interstitial - Electronic Monitoring
Type: Tank Leak Detection

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: G02
Code Name: Vault (w/access)
Type: Tank Secondary Containment

Equipment: B01
Code Name: Painted/Asphalt Coating
Type: Tank External Protection

Equipment: H06
Code Name: Impervious Barrier/Concrete Pad (A/G)
Type: Tank Leak Detection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: F01
Code Name: Painted/Asphalt Coating
Type: Pipe External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: C03
Code Name: Aboveground/Underground Combination
Type: Pipe Location

Tank Information

Prog No:	2-356360	***UDC Ind:***	0
Tank ID:	34833	***Red Tag Start Date:***	
Tank No:	001	***Red Tag End Date:***	
Tank Status:	1	***Tank Last Test:***	
Tank Status Desc:	In Service	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	-
Tank Type Desc:	Steel/Carbon Steel/Iron	***Line Last Test Due:***	
Install Date:	1969-04-23 00:00:00	***Next Line Test Due:***	
Close Date:		***Line Test Method:***	-
Capacity (Gal):	7500	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	DMPOKRZY
Tank Model:		***Last Modified:***	2018-02-13 15:17:13.843000000
Pipe Model:			

Tank Location: 3
Tank Location Desc: Aboveground on saddles, legs, stilts, rack or cradle
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart: 4
Subpart Desc: Subpart 4 contains requirements for ASTs (aboveground storage tanks).
Tank Owner Name: MUNENDRA SHARMA
Tank Owner Address: 44-36 VERNON BOULEVARD LONG ISLAND CITY, NY. 11101

Material Information

Material Code: 0002
Material Name: #4 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Equipment: C03
Code Name: Aboveground/Underground Combination
Type: Pipe Location

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: F01
Code Name: Painted/Asphalt Coating
Type: Pipe External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: G02
Code Name: Vault (w/access)
Type: Tank Secondary Containment

Equipment: B01
Code Name: Painted/Asphalt Coating
Type: Tank External Protection

Equipment: H01
Code Name: Interstitial - Electronic Monitoring
Type: Tank Leak Detection

Equipment: H06
Code Name: Impervious Barrier/Concrete Pad (A/G)
Type: Tank Leak Detection

Affiliation Information

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: C01
Company: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Title: MANAGER, FUEL DIVISION
Contact Name: MUNENDRA SHARMA
Address1: 44-36 VERNON BOULEVARD
Address2:
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5752

Phone Ext:	
Email:	
Fax:	
Modified By:	ACDANIEL
Last Modified:	2018-07-17 14:57:09.990000000
Affiliation Type:	04
Affiliation Name:	Facility Operator
Affiliation Sub Type:	NNN
Company:	PUBLIC SCHOOL 84 - BROOKLYN K084
Contact Title:	
Contact Name:	SALVATORE CLADERONE
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(718) 946-3853
Phone Ext:	
Email:	
Fax:	
Modified By:	DMPOKRZY
Last Modified:	2018-02-13 15:16:46.330000000
Affiliation Type:	11
Affiliation Name:	Emergency Contact
Affiliation Sub Type:	NNN
Company:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Title:	
Contact Name:	KEN MAHADEO
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	999
Phone:	(646) 210-7918
Phone Ext:	
Email:	
Fax:	
Modified By:	JSMACRI
Last Modified:	2018-12-06 10:12:07.820000000
Affiliation Type:	07
Affiliation Name:	Mail Contact
Affiliation Sub Type:	NNN
Company:	NYC DEPARTMENT OF EDUCATION
Contact Title:	
Contact Name:	MUNENDRA SHARMA
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
Phone Ext:	
Email:	MSHARMA@SCHOOLS.NYC.GOV
Fax:	
Modified By:	ACDANIEL
Last Modified:	2018-07-17 14:43:36.123000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
104	2 of 2	SSE	0.18 / 950.24	41.34 / 32	PUBLIC SCHOOL 84K 250 BERRY ST BROOKLYN NY 11211	RCRA LQG

EPA Handler ID:	NYR000010462

Gen Status Universe:	Large Quantity Generator
Contact Name:	ALEXANDER LEMPERT
Contact Address:	30-30 , THOMSON AVENUE , , LONG ISLAND CITY , NY, 11101 , US
Contact Phone No and Ext:	718-472-8501
Contact Email:	ALEMPERT@NYCSCA.ORG
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Municipal
Receive Date:	20160222

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19950808
Handler Name:	NYC BD OF ED - PUBLIC SCHOOL 84 BKLYN
Generator Status Universe:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D000
Waste Code Description:	DESCRIPTION
Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20060101
Handler Name:	NYC BD OF ED - PUBLIC SCHOOL 84 BKLYN
Generator Status Universe:	Large Quantity Generator
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20070101

Handler Name: NYC BD OF ED - PUBLIC SCHOOL 84 BKLYN
Generator Status Universe: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20141021
Handler Name: NYC DEPT OF EDUCATION - PS 84K
Generator Status Universe: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: B004
Waste Code Description: PCB articles containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs, excluding small capacitors. This includes oil-filled electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.

Hazardous Waste Code: B007
Waste Code Description: Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20160222
Handler Name: PUBLIC SCHOOL 84K
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: B004
Waste Code Description: PCB articles containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs, excluding small capacitors. This includes oil-filled electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Municipal
Name: NYC DEPT OF EDUCATION
Date Became Current: 19690128
Date Ended Current:
Phone: 718-472-8501
Source Type: Notification
Street No:
Street 1:
Street 2:
City: LONG ISLAND CITY
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: Municipal
Name: NYC DEPARTMENT OF EDUCATION
Date Became Current: 19000101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification
Street No: 44-36
Street 1: VERNON BLVD
Street 2:
City: LONG ISLAND CITY
State: NY
Country: US
Zip Code: 11101

Owner/Operator Ind: Current Operator
Type: Municipal
Name: NYC BD OF ED - SCHOOL CONSTRUCTION AUTH
Date Became Current:
Date Ended Current:
Phone: 718-349-5600
Source Type: Implementer
Street No:
Street 1: 28-11 QUEENS PLZ N
Street 2:
City: LONG ISLAND CITY
State: NY
Country: US
Zip Code: 11101

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	44-36
Type:	Municipal	**Street 1:**	VERNON BLVD
Name:	NYC DEPARTMENT OF EDUCATION	**Street 2:**	
Date Became Current:	19000101	**City:**	LONG ISLAND CITY
Date Ended Current:		**State:**	NY
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	11101
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Municipal	**Street 1:**	28-11 QUEENS PLZ N
Name:	NYC BD OF ED - SCHOOL CONSTRUCTION AUTH	**Street 2:**	
Date Became Current:		**City:**	LONG ISLAND CITY
Date Ended Current:		**State:**	NY
Phone:	718-349-5600	**Country:**	US
Source Type:	Implementer	**Zip Code:**	11101
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Municipal	**Street 1:**	28-11 QUEENS PLZ N
Name:	NYC BD OF ED - SCHOOL CONSTRUCTION AUTH	**Street 2:**	
Date Became Current:		**City:**	LONG ISLAND CITY
Date Ended Current:		**State:**	NY
Phone:	718-349-5600	**Country:**	
Source Type:	Notification	**Zip Code:**	11101
Owner/Operator Ind:	Current Owner	**Street No:**	30-30
Type:	Municipal	**Street 1:**	THOMSON AVE
Name:	NYC DEPT OF EDUCATION	**Street 2:**	
Date Became Current:	19690128	**City:**	LONG ISLAND CITY
Date Ended Current:		**State:**	NY
Phone:	718-472-8501	**Country:**	US
Source Type:	Notification	**Zip Code:**	11101

105	*1 of 1*	*ENE*	*0.19 / 979.32*	*18.71 / 9*	***CENTURY WASTE SYSTEMS INC*** ***57 N 6TH ST*** ***BROOKLYN NY 11211***	***RCRA NON GEN***

EPA Handler ID:	NYD986875359
Gen Status Universe:	No Report
Contact Name:	HCONTFIRST HCONTLAST
Contact Address:	57 , N 6TH ST , , BROOKLYN , NY, 11231 , US
Contact Phone No and Ext:	212-555-1212
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20070101

Violation/Evaluation Summary

Note:	NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date:	19880808
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19880808
Handler Name: CENTURY WASTE SYSTEMS INC
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060101
Handler Name: CENTURY WASTE SYSTEMS INC
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070101
Handler Name: CENTURY WASTE SYSTEMS INC
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: OWNERNAME
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: OWNERNAME
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country:
Zip Code: 99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	OWNERNAME	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	US
Source Type:	Implementer	**Zip Code:**	99999

106 **1 of 2** **NE** **0.19 / 983.49** **10.87 / 1** **iPark 34 N 7th Street - Tesla Destination**
34 N 7th St
Brooklyn NY 11249
ALT FUELS

ID:	122473	**CNG Dispenser No:**	
Federal Agency ID:		**CNG Fill Type Code:**	
Federal Agency:		**CNG Site Renew Src:**	
Fed Agency Name:		**CNG PSI:**	
Status:	Open: The station is open.	**CNG Storage Cap:**	
Facility Type:		**CNG Tot Compr Cap:**	
Fuel Type Code:	ELEC: Electric	**CNG Vehicle Class:**	
Owner Type Desc:	Privately owned	**LPG Nozzle Types:**	
Expected Date:		**LNG Site Renew Src:**	
Dt Last Confirmed:	2019-05-09	**LNG Vehicle Class:**	
Open Date:	2019-03-01	**Hydrogen is Retail:**	
Updated at:	2019-05-09 14:33:40 UTC	**Hydrogen Pressures:**	
BD Blends:		**Hydrogen Standards:**	
NG PSI:		**Station Phone:**	718-782-1494 877-798-3752
NG Fill Type Code:		**Latitude:**	40.720475
NG Fill Type Desc:		**Longitude:**	-73.96265
NG Vehicle Class:			
NG Vehicle Class Desc:			
E85 Blender Pump:			
E85 Blender Pump Desc:			
E85 Other Ethanol Blends:			
EV Pricing:	Free		
EV Pricing French:			
LPG Primary:			
LPG Primary Desc:			
Intersection Directions:			
Geocode Status Desc:	Premise (building name, property name, shopping center, etc.) level accuracy.		
Hydrogen Status Link:			

106 **2 of 2** **NE** **0.19 / 983.49** **10.87 / 1** **iPark 34 N 7th Street - Valet - Tesla Destination**
34 N 7th St
Brooklyn NY 11249
ALT FUELS

ID:	122474	**CNG Dispenser No:**	
Federal Agency ID:		**CNG Fill Type Code:**	
Federal Agency:		**CNG Site Renew Src:**	
Fed Agency Name:		**CNG PSI:**	
Status:	Open: The station is open.	**CNG Storage Cap:**	
Facility Type:		**CNG Tot Compr Cap:**	
Fuel Type Code:	ELEC: Electric	**CNG Vehicle Class:**	
Owner Type Desc:	Privately owned	**LPG Nozzle Types:**	
Expected Date:		**LNG Site Renew Src:**	
Dt Last Confirmed:	2019-05-09	**LNG Vehicle Class:**	
Open Date:	2019-03-01	**Hydrogen is Retail:**	
Updated at:	2019-05-09 14:33:40 UTC	**Hydrogen Pressures:**	
BD Blends:		**Hydrogen Standards:**	
NG PSI:		**Station Phone:**	718-782-1494 877-798-3752
NG Fill Type Code:		**Latitude:**	40.720475
NG Fill Type Desc:		**Longitude:**	-73.96265
NG Vehicle Class:			
NG Vehicle Class Desc:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

E85 Blender Pump:
E85 Blender Pump Desc:
E85 Other Ethanol Blends:
EV Pricing: Free
EV Pricing French:
LPG Primary:
LPG Primary Desc:
Intersection Directions:
Geocode Status Desc: Premise (building name, property name, shopping center, etc.) level accuracy.
Hydrogen Status Link:

107	*1 of 1*	*SSE*	*0.19 / 998.71*	*42.86 / 33*	***H & B PLASTICS PLATING*** ***299 WYTHE AVE*** ***BROOKLYN NY 11211***	***RCRA CESQG***

EPA Handler ID: NYD982270597
Gen Status Universe: Conditionally Exempt Small Quantity Generator
Contact Name:
Contact Address: 299 , WYTHE AVE , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type:
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date: 19990915
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19921207
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19870706
Handler Name: H & B PLASTICS PLATING
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990714
Handler Name: H & B PLASTICS PLATING
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: H & B PLASTICS PLATING
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: H & B PLASTICS PLATING
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: H & B PLASTICS PLATING
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: H & B PLASTICS PLATING
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: H & B PLASTICS PLATING
Street No:
Street 1: NOT REQUIRED
Street 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999

108 **1 of 1** **ESE** **0.19 / 1,020.21** **25.85 / 16**

BERRY ENTERPRISES
109 NORTH 3RD STREET 107
NORTH 3RD STREET
BROOKLYN NY 11211

AST

Site ID:	29114	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-607261	**UTM X:**	587684.75466
Program Type Code:	PBS	**UTM Y:**	4507820.52754
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Other		

Tank Information

Prog No:	2-607261	**UDC Ind:**	1
Tank ID:	62632	**Red Tag Start Date:**	
Tank No:	1	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:	1961-06-19 00:00:00	**Next Line Test Due:**	
Close Date:	2008-06-27 00:00:00	**Line Test Method:**	
Capacity (Gal):	10000	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	NRLOMBAR
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location:	6
Tank Location Desc:	Aboveground in Subterranean Vault w/ access for inspections
Category:	1
Category Desc:	Category 1 means a tank which was installed before December 27, 1986
Subpart:	
Subpart Desc:	
Tank Owner Name:	
Tank Owner Address:	

Material Information

Material Code:	0001
Material Name:	#2 fuel oil (on-site consumption)
Percent:	100.00

Equipment Information

Equipment:	D01
Code Name:	Steel/Carbon Steel/Iron
Type:	Pipe Type
Equipment:	F04
Code Name:	Fiberglass
Type:	Pipe External Protection
Equipment:	G03
Code Name:	Vault (w/o access)
Type:	Tank Secondary Containment
Equipment:	H00
Code Name:	None
Type:	Tank Leak Detection

Equipment: L09
Code Name: Exempt Suction Piping
Type: Piping Leak Detection

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: C01
Code Name: Aboveground
Type: Pipe Location

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: B99
Code Name: Other
Type: Tank External Protection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Affiliation Information

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: BERRY ENTERPRISES
Contact Title:
Contact Name: OLGA SOSA
Address1: P.O. BOX 77
Address2:
City: CRESSKILL
State: NJ
Zip Code: 07626
Country Code: 001
Phone: (201) 227-1004
Phone Ext:
Email:
Fax:
Modified By: CGFREEDM
Last Modified: 2006-11-15 14:25:14.170000000

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: BERRY ENTERPRISES
Contact Title:
Contact Name: OLGA SOSA
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (201) 227-1004
Phone Ext:
Email:
Fax:
Modified By: msbaptis
Last Modified: 2006-10-16 16:11:02.547000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Company:	BERRY ENTERPRISES
Contact Title:	PRESIDENT
Contact Name:	OLGA SOSA
Address1:	190 BERRY STREET
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(201) 838-1016
Phone Ext:	
Email:	
Fax:	
Modified By:	CGFREEDM
Last Modified:	2006-11-15 14:25:14.153000000
Affiliation Type:	11
Affiliation Name:	Emergency Contact
Affiliation Sub Type:	NNN
Company:	BERRY ENTERPRISES
Contact Title:	
Contact Name:	
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	999
Phone:	(201) 838-1016
Phone Ext:	
Email:	
Fax:	
Modified By:	msbaptis
Last Modified:	2006-10-16 16:11:02.547000000

109	1 of 1	ENE	0.20 / 1,030.02	20.61 / 11	CON ED - VS 5413 N 6TH ST 60 EAST WYTHE AVE BROOKLYN NY 11236-0000	RCRA NON GEN

EPA Handler ID:	NYP004011920
Gen Status Universe:	No Report
Contact Name:	ANTHONY DRUMMINGS
Contact Address:	CONSOLIDATED EDISON INC , , NEW YORK , NY, 10003-0000 , US
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	19980808

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No

Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980806
Handler Name: CON ED - VS 5413
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980807
Handler Name: CON ED - VS 5413
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19980808
Handler Name: CON ED - VS 5413
Generator Status Universe: No Report
Source Type: Implementer

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110 | **1 of 1** | **ENE** | **0.20 / 1,039.36** | **21.23 / 12** | **CON EDISON**
N 6TH ST & WYTHE ST
BROOKLYN NY 11249 | **RCRA NON GEN**

EPA Handler ID: NYP004735122
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20150222

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No

Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150222
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150222
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

---

111 ***1 of 4*** ***SSW*** ***0.20 / 1,049.49*** ***0.00 / -9*** ***DOMINO SUGAR REFINERY 316 KENT AVENUE BROOKLYN NY 11211*** ***MOSF***

Site ID: 344902
Site Status: Inactive
Program No: 2-2440
Program Type Code: MOSF
Program Type Desc: Major Oil Storage Facility Program
Site Type: Other
Expiration Date:
DEC Region: 2
County: Kings
UTM X: 587243.89930
UTM Y: 4507680.74601

---

111 ***2 of 4*** ***SSW*** ***0.20 / 1,049.49*** ***0.00 / -9*** ***V2032 10-13 GRAND STREET NEW YORK CITY NY 11206*** ***RCRA NON GEN***

EPA Handler ID: NYP004043543
Gen Status Universe: No Report
Contact Name: ANTHONY DRUMMINGS
Contact Address: CONSOLIDATED EDISON INC. , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type:
Receive Date: 20010103

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20010101
Handler Name:	V2032
Generator Status Universe:	No Report
Source Type:	Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20010102
Handler Name:	V2032
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20010103
Handler Name:	V2032
Generator Status Universe:	No Report
Source Type:	Implementer

---

111 ***3 of 4*** ***SSW*** ***0.20 / 1,049.49*** ***0.00 / -9*** ***AMERICAN SUGAR REFINING INC***
266-316 KENT AVE
BROOKLYN NY 11211-4131 ***RCRA SQG***

EPA Handler ID:	NYR000109454
Gen Status Universe:	Small Quantity Generator
Contact Name:	DAVID DEMONE
Contact Address:	266-316 , KENT AVE , , BROOKLYN , NY, 11211-4131 , US
Contact Phone No and Ext:	718-387-6800
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20070101

Violation/Evaluation Summary

Note:	VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated June, 2019.

Violation Details

Citation:	SR - 374-3.2(d)(4)(i),374-3.2(e)(5)
Violation Short Description:	Generators - General

Violation Type: 262.A
Violation Determined Date: 20030123
Scheduled Compliance Date:
Return to Compliance: D
Actual Return to Compl: 20030221
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20030130
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20030123
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20030221
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20020927
Handler Name: AMERICAN SUGAR REFINING INC
Generator Status Universe: Small Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060101
Handler Name: AMERICAN SUGAR REFINING INC
Generator Status Universe: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070101
Handler Name: AMERICAN SUGAR REFINING INC
Generator Status Universe: Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	266-316 KENT AVE
Name:	AMERICAN SUGAR REFINING INC	**Street 2:**	
Date Became Current:	20010101	**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	718-387-6800	**Country:**	US
Source Type:	Implementer	**Zip Code:**	11211-4131

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	266-316 KENT AVE
Name:	AMERICAN SUGAR REFINING INC	**Street 2:**	
Date Became Current:	20010101	**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	718-387-6800	**Country:**	US
Source Type:	Implementer	**Zip Code:**	11211-4131

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	266-316 KENT AVE
Name:	AMERICAN SUGAR REFINING INC	**Street 2:**	
Date Became Current:		**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	718-387-6800	**Country:**	
Source Type:	Notification	**Zip Code:**	11211-4131

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111 | ***4 of 4*** | ***SSW*** | ***0.20 / 1,049.49*** | ***0.00 / -9*** | ***GRAND MORGAN REALTY CORP.***
10-27 GRAND STREET
BROOKLYN NY 11011 | ***UST***

Site ID:	28216	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-606353	**UTM X:**	587255.88249
Program Type Code:	PBS	**UTM Y:**	4507777.22638
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Manufacturing (Other than Chemical)/Processing		

Tank Information

Prog No:	2-606353	**UDC Ind:**	1
Tank ID:	61299	**Red Tag Start Date:**	
Tank No:	001	**Red Tag End Date:**	
Tank Status:	4	**Tank Last Test:**	
Tank Status Desc:	Closed - In Place	**Tank Next Test Due:**	
Tank Type:	04	**Test Method:**	NN
Tank Type Desc:	Fiberglass Coated Steel	**Date Tested:**	
Install Date:	2001-06-01 00:00:00	**Next Test:**	
Close Date:	2011-10-17 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	6000	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	DMMOLOUG
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	2		
Category Desc:	Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015		
Subpart:			
Subpart Desc:			

Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: G04
Code Name: Double-Walled (Underground)
Type: Tank Secondary Containment

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: B04
Code Name: Fiberglass
Type: Tank External Protection

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Equipment: D10
Code Name: Copper
Type: Pipe Type

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: F00
Code Name: None
Type: Pipe External Protection

Tank Information

Prog No: 2-606353
Tank ID: 61300
Tank No: 002
Tank Status: 4
Tank Status Desc: Closed - In Place
Tank Type: 04
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN

Tank Type Desc:	Fiberglass Coated Steel	**Date Tested:**	
Install Date:	2001-06-01 00:00:00	**Next Test:**	
Close Date:	2011-10-17 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	6000	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	DMMOLOUG
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 2
Category Desc: Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: G04
Code Name: Double-Walled (Underground)
Type: Tank Secondary Containment

Equipment: D10
Code Name: Copper
Type: Pipe Type

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Equipment: I00
Code Name: None
Type: Overfill

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: B04
Code Name: Fiberglass
Type: Tank External Protection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Affiliation Information

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: LAZAR MULLER
Contact Title:
Contact Name: LAZAR MULLER
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 387-0980
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:28:19.640000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: LAZAR MULLER
Contact Title:
Contact Name: LAZAR MULLER
Address1: P.O. BOX 105 WILLIAMSBURG STATION
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 387-0980
Phone Ext:
Email:
Fax:
Modified By: DMMOLOUG
Last Modified: 2012-05-23 12:03:17.860000000

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: GRAND MORGAN REALTY CORP.
Contact Title:
Contact Name: GRAND MORGAN REALTY CORP.
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 387-0980
Phone Ext:
Email:
Fax:
Modified By: DMMOLOUG
Last Modified: 2012-05-23 12:03:17.437000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: GRAND MORGAN REALTY CORP.
Contact Title:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Name:	LAZAR MULLER
Address1:	10-27 GRAND STREET
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 387-0980
Phone Ext:	
Email:	
Fax:	
Modified By:	DMMOLOUG
Last Modified:	2012-05-23 12:04:29.733000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
112	1 of 1	SSE	0.20 / 1,055.55	42.20 / 33	LEXA METAL CORP 303 WYTHE AVE BROOKLYN NY 11211	RCRA NON GEN

EPA Handler ID:	NYD986987626
Gen Status Universe:	No Report
Contact Name:	
Contact Address:	NY, , US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20070101

Violation/Evaluation Summary

Note:	NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date:	19930204
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	EPA

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19920203
Handler Name: LEXA METAL CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: LEXA METAL CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: LEXA METAL CORP
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: NON-NOTIFIER
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: UNKNOWN
Street 2:
City: UNKNOWN
State: NY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: NON-NOTIFIER
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: UNKNOWN
Street 2:
City: UNKNOWN
State: NY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: NON-NOTIFIER
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: UNKNOWN
Street 2:
City: UNKNOWN
State: NY
Country:
Zip Code: 99999

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113 ***1 of 3*** ***ENE*** ***0.20 / 1,062.47*** ***21.32 / 12*** ***MONTROSE SUPPLY & EQUIP CO***
71 NORTH 6TH ST
BROOKLYN NY 11211 ***AST***

Site ID: 160
Site Status: Unregulated/Closed
Program No: 2-031712
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Unknown
Expiry:
County: Kings
UTM X: 587358.30633
UTM Y: 4507218.88450

Tank Information

Prog No: 2-031712
Tank ID: 763
UDC Ind: 1
Red Tag Start Date:

Tank No:	005	**Red Tag End Date:**	
Tank Status:	6	**Tank Last Test:**	
Tank Status Desc:	Closed Prior to 03/1991	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:	1966-05-01 00:00:00	**Next Line Test Due:**	
Close Date:		**Line Test Method:**	
Capacity (Gal):	1000	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	TRANSLAT
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 3
Tank Location Desc: Aboveground on saddles, legs, stilts, rack or cradle
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 9999
Material Name: other
Percent: 100.00

Equipment Information

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: I00
Code Name: None
Type: Overfill

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: B00
Code Name: None
Type: Tank External Protection

Tank Information

Prog No:	2-031712	**UDC Ind:**	1
Tank ID:	762	**Red Tag Start Date:**	

Tank No:	004	**Red Tag End Date:**	
Tank Status:	6	**Tank Last Test:**	
Tank Status Desc:	Closed Prior to 03/1991	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:	1966-05-01 00:00:00	**Next Line Test Due:**	
Close Date:		**Line Test Method:**	
Capacity (Gal):	1000	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	TRANSLAT
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 3
Tank Location Desc: Aboveground on saddles, legs, stilts, rack or cradle
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 9999
Material Name: other
Percent: 100.00

Equipment Information

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Tank Information

Prog No:	2-031712	**UDC Ind:**	0
Tank ID:	757	**Red Tag Start Date:**	

Tank No:	001	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:	1971-03-01 00:00:00	**Next Line Test Due:**	
Close Date:	1993-12-31 00:00:00	**Line Test Method:**	
Capacity (Gal):	2000	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	LXZIELIN
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 1
Tank Location Desc: Aboveground-contact w/ soil
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 9999
Material Name: other
Percent: 100.00

Equipment Information

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: L09
Code Name: Exempt Suction Piping
Type: Piping Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: H00
Code Name: None

Type: Tank Leak Detection

Tank Information

Prog No:	2-031712	***UDC Ind:***	1
Tank ID:	764	***Red Tag Start Date:***	
Tank No:	006	***Red Tag End Date:***	
Tank Status:	6	***Tank Last Test:***	
Tank Status Desc:	Closed Prior to 03/1991	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Line Last Test Due:***	
Install Date:	1966-05-01 00:00:00	***Next Line Test Due:***	
Close Date:		***Line Test Method:***	
Capacity (Gal):	1000	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	TRANSLAT
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	3		
Tank Location Desc:	Aboveground on saddles, legs, stilts, rack or cradle		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Tank Owner Name:			
Tank Owner Address:			

Material Information

Material Code:	9999
Material Name:	other
Percent:	100.00

Equipment Information

Equipment:	C00
Code Name:	No Piping
Type:	Pipe Location
Equipment:	F00
Code Name:	None
Type:	Pipe External Protection
Equipment:	H00
Code Name:	None
Type:	Tank Leak Detection
Equipment:	I00
Code Name:	None
Type:	Overfill
Equipment:	B00
Code Name:	None
Type:	Tank External Protection
Equipment:	A00
Code Name:	None
Type:	Tank Internal Protection
Equipment:	D01
Code Name:	Steel/Carbon Steel/Iron
Type:	Pipe Type
Equipment:	G00
Code Name:	None

Type: Tank Secondary Containment

Tank Information

Prog No:	2-031712	***UDC Ind:***	1
Tank ID:	761	***Red Tag Start Date:***	
Tank No:	003	***Red Tag End Date:***	
Tank Status:	6	***Tank Last Test:***	
Tank Status Desc:	Closed Prior to 03/1991	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Line Last Test Due:***	
Install Date:	1966-05-01 00:00:00	***Next Line Test Due:***	
Close Date:		***Line Test Method:***	
Capacity (Gal):	1000	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	TRANSLAT
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	3		
Tank Location Desc:	Aboveground on saddles, legs, stilts, rack or cradle		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Tank Owner Name:			
Tank Owner Address:			

Material Information

Material Code:	9999
Material Name:	other
Percent:	100.00

Equipment Information

Equipment:	F00
Code Name:	None
Type:	Pipe External Protection
Equipment:	D01
Code Name:	Steel/Carbon Steel/Iron
Type:	Pipe Type
Equipment:	G00
Code Name:	None
Type:	Tank Secondary Containment
Equipment:	A00
Code Name:	None
Type:	Tank Internal Protection
Equipment:	C00
Code Name:	No Piping
Type:	Pipe Location
Equipment:	I00
Code Name:	None
Type:	Overfill
Equipment:	H00
Code Name:	None
Type:	Tank Leak Detection
Equipment:	B00
Code Name:	None

Type: Tank External Protection

Tank Information

Prog No:	2-031712	***UDC Ind:***	1
Tank ID:	760	***Red Tag Start Date:***	
Tank No:	002	***Red Tag End Date:***	
Tank Status:	6	***Tank Last Test:***	
Tank Status Desc:	Closed Prior to 03/1991	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Line Last Test Due:***	
Install Date:	1966-05-01 00:00:00	***Next Line Test Due:***	
Close Date:		***Line Test Method:***	
Capacity (Gal):	1000	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	TRANSLAT
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	3		
Tank Location Desc:	Aboveground on saddles, legs, stilts, rack or cradle		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Tank Owner Name:			
Tank Owner Address:			

Material Information

Material Code:	9999
Material Name:	other
Percent:	100.00

Equipment Information

Equipment:	D01
Code Name:	Steel/Carbon Steel/Iron
Type:	Pipe Type
Equipment:	H00
Code Name:	None
Type:	Tank Leak Detection
Equipment:	C00
Code Name:	No Piping
Type:	Pipe Location
Equipment:	B00
Code Name:	None
Type:	Tank External Protection
Equipment:	F00
Code Name:	None
Type:	Pipe External Protection
Equipment:	A00
Code Name:	None
Type:	Tank Internal Protection
Equipment:	I00
Code Name:	None
Type:	Overfill
Equipment:	G00
Code Name:	None

Type: Tank Secondary Containment

Tank Information

Prog No:	2-031712	***UDC Ind:***	1
Tank ID:	759	***Red Tag Start Date:***	
Tank No:	007	***Red Tag End Date:***	
Tank Status:	6	***Tank Last Test:***	
Tank Status Desc:	Closed Prior to 03/1991	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Line Last Test Due:***	
Install Date:	1966-05-01 00:00:00	***Next Line Test Due:***	
Close Date:		***Line Test Method:***	
Capacity (Gal):	1000	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	TRANSLAT
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	3		
Tank Location Desc:	Aboveground on saddles, legs, stilts, rack or cradle		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Tank Owner Name:			
Tank Owner Address:			

Material Information

Material Code:	9999
Material Name:	other
Percent:	100.00

Equipment Information

Equipment:	C00
Code Name:	No Piping
Type:	Pipe Location
Equipment:	D01
Code Name:	Steel/Carbon Steel/Iron
Type:	Pipe Type
Equipment:	H00
Code Name:	None
Type:	Tank Leak Detection
Equipment:	I00
Code Name:	None
Type:	Overfill
Equipment:	G00
Code Name:	None
Type:	Tank Secondary Containment
Equipment:	B00
Code Name:	None
Type:	Tank External Protection
Equipment:	F00
Code Name:	None
Type:	Pipe External Protection
Equipment:	A00
Code Name:	None

Type: Tank Internal Protection

Affiliation Information

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: MONTROSE SUPPLY & EQUIP CO
Contact Title:
Contact Name: MONTROSE SUPPLY & EQUIP CO
Address1:
Address2:
City:
State: NY
Zip Code:
Country Code: 001
Phone: (718) 263-4000
Phone Ext:
Email:
Fax:
Modified By: NRLOMBAR
Last Modified: 2009-07-30 13:57:14.863000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: MONTROSE SUPPLY & EQUIP CO
Contact Title:
Contact Name: NATHAN OR JERRY MUCHNICK
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 999
Phone: (718) 263-5000
Phone Ext:
Email:
Fax:
Modified By: NRLOMBAR
Last Modified: 2009-07-30 13:57:14.893000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: MONTROSE SUPPLY & EQUIP CO
Contact Title:
Contact Name:
Address1: 71 NORTH 6TH ST
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 263-4000
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:23:01.700000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: ZZZ
Company: MONTROSE SUPPLY & EQUIP CO
Contact Title:
Contact Name:
Address1: 71 NORTH 6TH ST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 263-4000
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:23:01.700000000

113	2 of 3	ENE	0.20 / 1,062.47	21.32 / 12	MONTROSE TEXTILE MACHINERY CO 71 N 6TH ST BROOKLYN NY 11211-3089	RCRA NON GEN

EPA Handler ID:	NYD986968006
Gen Status Universe:	No Report
Contact Name:	
Contact Address:	71 , N 6TH ST , , BROOKLYN , NY, 11211-3089 , US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20070101

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19910820
Handler Name:	MONTROSE TEXTILE MACHINERY CO
Generator Status Universe:	No Report
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D000

Waste Code Description: DESCRIPTION

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19950329
Handler Name: MONTROSE TEXTILE MACHINERY CO
Generator Status Universe: No Report
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: MONTROSE TEXTILE MACHINERY CO
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: MONTROSE TEXTILE MACHINERY CO
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: MONTROSE TEXTILE MACHINERY CO
Date Became Current:
Date Ended Current:
Phone: 718-782-7929
Source Type: Implementer
Street No:
Street 1: 71 N 6TH ST
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Owner
Type: Private
Name: MONTROSE TEXTILE MACHINERY CO
Date Became Current:
Date Ended Current:
Phone: 718-782-7929
Source Type: Implementer
Street No:
Street 1: 71 N 6TH ST
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11211

Owner/Operator Ind: Current Owner
Type: Private
Name: MONTROSE TEXTILE MACHINERY CO
Date Became Current:
Date Ended Current:
Phone: 718-782-7929
Source Type: Notification
Street No:
Street 1: 71 N 6TH ST
Street 2:
City: BROOKLYN
State: NY
Country:
Zip Code: 11211

113	*3 of 3*	*ENE*	*0.20 / 1,062.47*	*21.32 / 12*	***MONTROSE SUPPLY & EQUIP CO 71 NORTH 6TH ST***	***UST***

BROOKLYN NY 11211

Site ID:	160	***Expiry:***	
Site Status:	Unregulated/Closed	***County:***	Kings
Program No:	2-031712	***UTM X:***	587358.30633
Program Type Code:	PBS	***UTM Y:***	4507218.88450
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Unknown		

Tank Information

Prog No:	2-031712	***UDC Ind:***	0
Tank ID:	758	***Red Tag Start Date:***	
Tank No:	008	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	00
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:	1971-03-01 00:00:00	***Next Test:***	
Close Date:	1993-12-31 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	2000	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	LXZIELIN
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			
Tank Owner Address:			

Material Information

Material Code:	9999
Material Name:	other
Percent:	100.00

Equipment Information

Equipment:	B00
Code Name:	None
Type:	Tank External Protection
Equipment:	H00
Code Name:	None
Type:	Tank Leak Detection
Equipment:	F00
Code Name:	None
Type:	Pipe External Protection
Equipment:	A00
Code Name:	None
Type:	Tank Internal Protection
Equipment:	D01
Code Name:	Steel/Carbon Steel/Iron
Type:	Pipe Type
Equipment:	C00

Code Name: No Piping
Type: Pipe Location

Equipment: L09
Code Name: Exempt Suction Piping
Type: Piping Leak Detection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: I00
Code Name: None
Type: Overfill

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Affiliation Information

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: ZZZ
Company: MONTROSE SUPPLY & EQUIP CO
Contact Title:
Contact Name:
Address1: 71 NORTH 6TH ST
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 263-4000
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:23:01.700000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: MONTROSE SUPPLY & EQUIP CO
Contact Title:
Contact Name:
Address1: 71 NORTH 6TH ST
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 263-4000
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:23:01.700000000

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: MONTROSE SUPPLY & EQUIP CO
Contact Title:
Contact Name: MONTROSE SUPPLY & EQUIP CO
Address1:
Address2:
City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State:	NY
Zip Code:	
Country Code:	001
Phone:	(718) 263-4000
Phone Ext:	
Email:	
Fax:	
Modified By:	NRLOMBAR
Last Modified:	2009-07-30 13:57:14.863000000
Affiliation Type:	11
Affiliation Name:	Emergency Contact
Affiliation Sub Type:	NNN
Company:	MONTROSE SUPPLY & EQUIP CO
Contact Title:	
Contact Name:	NATHAN OR JERRY MUCHNICK
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	999
Phone:	(718) 263-5000
Phone Ext:	
Email:	
Fax:	
Modified By:	NRLOMBAR
Last Modified:	2009-07-30 13:57:14.893000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
114	1 of 1	SE	0.20 / 1,074.64	40.14 / 31	CON EDISON 230 BERRY ST & GRAND ST BROOKLYN NY 11211	RCRA NON GEN

EPA Handler ID:	NYP004184099
Gen Status Universe:	No Report
Contact Name:	CAROLINE ISKANDER
Contact Address:	US
Contact Phone No and Ext:	718-666-4714
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20160601

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20090714
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20160601
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

115	1 of 1	E	0.20 / 1,076.67	19.84 / 10	CON EDISON - SPLICE BOX 16203 94 NORTH 6 ST BROOKLYN NY 11249	RCRA LQG

EPA Handler ID: NYP004734943
Gen Status Universe: Large Quantity Generator
Contact Name: THERESA BURKARD
Contact Address: 4 , IRVING PLACE, 15TH FL NE , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext: 212-460-2262
Contact Email: BURKARDT@CONED.COM
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20160205

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150221
Handler Name: CON EDISON

Generator Status Universe: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150221
Handler Name: CON EDISON
Generator Status Universe: Large Quantity Generator
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20160205
Handler Name: CON EDISON - SPLICE BOX 16203
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Date Became Current: 20150221
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification
Street No: 4
Street 1: IRVING PLACE
Street 2:
City: NEW YORK
State: NY
Country: US
Zip Code: 10003

Owner/Operator Ind: Current Owner
Type: Private
Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Date Became Current: 20150221
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification
Street No: 4
Street 1: IRVING PLACE
Street 2:
City: NEW YORK
State: NY
Country: US
Zip Code: 10003

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116 | ***1 of 1*** | ***S*** | ***0.20 / 1,077.42*** | ***36.38 / 27*** | ***SPECTRONICS ELECTROPLATING CORP 66 S 2ND ST BROOKLYN NY 11211-5121*** | ***RCRA NON GEN***

EPA Handler ID: NY0000075317
Gen Status Universe: No Report
Contact Name:
Contact Address: 66 , S 2ND ST , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type:
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date: 19981103
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19931207
Handler Name: SPECTRONICS ELECTROPLATING CORP
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990708
Handler Name: SPECTRONICS ELECTROPLATING CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: SPECTRONICS ELECTROPLATING CORP
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No:	3
Receive Date:	20070101
Handler Name:	SPECTRONICS ELECTROPLATING CORP
Generator Status Universe:	No Report
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	66 S 2ND ST
Name:	SAMUEL WILLIAMS	***Street 2:***	
Date Became Current:		***City:***	BROOKLYN
Date Ended Current:		***State:***	NY
Phone:	718-599-1447	***Country:***	
Source Type:	Notification	***Zip Code:***	11211
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	66 S 2ND ST
Name:	SAMUEL WILLIAMS	***Street 2:***	
Date Became Current:		***City:***	BROOKLYN
Date Ended Current:		***State:***	NY
Phone:	718-599-1447	***Country:***	US
Source Type:	Implementer	***Zip Code:***	11211
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	66 S 2ND ST
Name:	SAMUEL WILLIAMS	***Street 2:***	
Date Became Current:		***City:***	BROOKLYN
Date Ended Current:		***State:***	NY
Phone:	718-599-1447	***Country:***	US
Source Type:	Implementer	***Zip Code:***	11211

117	***1 of 1***	***S***	***0.21 / 1,087.98***	***39.88 / 30***	***CON EDISON WYTHE AVE & S 2ND ST BROOKLYN NY 11234***	***RCRA NON GEN***

EPA Handler ID:	NYP004784732
Gen Status Universe:	No Report
Contact Name:	THOMAS TEELING
Contact Address:	
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20150520

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150520
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150520
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
118	1 of 1	NE	0.21 / 1,088.50	15.59 / 6	NYCTA - 7TH STREET FAN PLANT N 7TH & KENT ST BROOKLYN NY 11212	RCRA CESQG

EPA Handler ID:	NYR000017129
Gen Status Universe:	Conditionally Exempt Small Quantity Generator
Contact Name:	
Contact Address:	370 , JAY ST ROOM 809 , , BROOKLYN , NY, 11201 , US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Other
Receive Date:	20070101

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No

Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19951204
Handler Name: NYCTA - 7TH STREET FAN PLANT
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990708
Handler Name: NYCTA - 7TH STREET FAN PLANT
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060101
Handler Name: NYCTA - 7TH STREET FAN PLANT
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070101
Handler Name: NYCTA - 7TH STREET FAN PLANT
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: NEW YORK CITY TRANSIT AUTHORITY
Date Became Current:
Date Ended Current:
Phone: 718-243-4581
Source Type: Notification
Street No:
Street 1: 370 JAY ST ROOM 809
Street 2:
City: BROOKLYN
State: NY
Country:
Zip Code: 11201

Owner/Operator Ind: Current Operator
Type: Other
Name: NEW YORK CITY TRANSIT AUTHORITY
Date Became Current:
Date Ended Current:
Phone: 718-243-4581
Source Type: Implementer
Street No:
Street 1: 370 JAY ST ROOM 809
Street 2:
City: BROOKLYN
State: NY
Country: US
Zip Code: 11201

Owner/Operator Ind: Current Owner
Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	370 JAY ST ROOM 809
Name:	NEW YORK CITY TRANSIT AUTHORITY	**Street 2:**	
Date Became Current:		**City:**	BROOKLYN
Date Ended Current:		**State:**	NY
Phone:	718-243-4581	**Country:**	US
Source Type:	Implementer	**Zip Code:**	11201

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
119	1 of 1	NE	0.21 / 1,089.44	15.59 / 6	CON EDISON - VAULT SUBMERSIBLE VS7223 N 7TH ST & KENT AVE INT BROOKLYN NY 11249	RCRA LQG

EPA Handler ID:	NYP005118134
Gen Status Universe:	Large Quantity Generator
Contact Name:	ALYSSA SOTTO
Contact Address:	4 , IRVING PLACE, 15TH FL NE , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext:	212-460-2757
Contact Email:	SOTTOA@CONED.COM
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20180410

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180410
Handler Name:	CON EDISON - VAULT SUBMERSIBLE VS7223
Generator Status Universe:	Large Quantity Generator
Source Type:	Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	4
Type:	Private	**Street 1:**	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	**Street 2:**	
Date Became Current:	20170728	**City:**	NEW YORK
Date Ended Current:		**State:**	NY
Phone:	212-460-2757	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	10003

Owner/Operator Ind:	Current Operator	**Street No:**	4
Type:	Private	**Street 1:**	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	**Street 2:**	
Date Became Current:	20170728	**City:**	NEW YORK
Date Ended Current:		**State:**	NY
Phone:	212-460-2757	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	10003

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120 **1 of 1** **E** **0.21 / 1,099.74** **18.46 / 9** **NYC DEP**
89 N 5TH ST
BROOKLYN NY 11211
RCRA NON GEN

EPA Handler ID:	NYP003669264
Gen Status Universe:	No Report
Contact Name:	JOANNE NURSE
Contact Address:	59-17 , JUNCTION BLVD , , FLUSHING , NY, 11373 , US
Contact Phone No and Ext:	718-595-4675
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20150409

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20140916
Handler Name:	NYC DEP
Generator Status Universe:	No Report
Source Type:	Emergency

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150409
Handler Name:	NYC DEP
Generator Status Universe:	No Report
Source Type:	Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
121	1 of 1	S	0.21 / 1,110.14	35.98 / 27	Police Cars Unlimited Inc 60 South 2nd Street P.O. Box 770893 Brooklyn NY 11211	SWF/LF

Active:	No	***Owner Address:***	
Activity No:		***Owner Addr2:***	
Regltry Status:		***Owner City:***	
Accuracy Code:		***Owner State:***	
Auth No:		***Owner ZIP:***	
Auth Issue Dt:		***Owner Email:***	
Operator Name:		***Owner Phone:***	
Operator Type:		***Contact Name:***	
Expiration Date:		***Contact Addr:***	
Region:	2	***Contact Addr2:***	
County:	Kings	***Contact City:***	
East Coord:	587371	***Contact State:***	
North Coord:	4507552	***Contact ZIP:***	
Phone No:		***Contact Email:***	
Owner Name:		***Contact Phone:***	
Owner Type:			
Date of Last Inspection:			
Activity Desc:	Vehicle Dismantling Facility		
Waste Types:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
122	1 of 1	ENE	0.22 / 1,135.36	23.35 / 14	CON EDISON SERVICE BOX: 53556 157 WYTHE AVE BROOKLYN NY 11249	RCRA NON GEN

EPA Handler ID:	NYP004361747
Gen Status Universe:	No Report
Contact Name:	ROBERTA BELL
Contact Address:	
Contact Phone No and Ext:	718-666-4590
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20131017

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20130917
Handler Name:	CON EDISON SERVICE BOX: 53556
Generator Status Universe:	No Report
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20131017
Handler Name:	CON EDISON SERVICE BOX: 53556
Generator Status Universe:	No Report
Source Type:	Implementer

123	*1 of 2*	*SE*	*0.22 / 1,140.57*	*42.56 / 33*	*CON EDISON MANHOLE: 14026 GRAND ST & BERRY ST INTERSECTI ON BROOKLYN NY 11211*	*RCRA NON GEN*

EPA Handler ID:	NYP004298493
Gen Status Universe:	No Report
Contact Name:	ANTHONY SIGNORE
Contact Address:	
Contact Phone No and Ext:	718-666-4714
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20130503

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20130403
Handler Name: CON EDISON MANHOLE: 14026
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20130503
Handler Name: CON EDISON MANHOLE: 14026
Generator Status Universe: No Report
Source Type: Implementer

123	2 of 2	SE	0.22 / 1,140.57	42.56 / 33	CON ED-MH 14029 GRAND ST & BERRY ST BROOKLYN NY 11211-0000	RCRA NON GEN

EPA Handler ID: NYP000928838
Gen Status Universe: No Report
Contact Name: ANTHONY DRUMMINGS
Contact Address: CONSOLIDATED EDISON INC , , NEW YORK , NY, 10003-0000 , US
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type:
Receive Date: 19980228

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980226

Handler Name: CON ED-MH 14029
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980227
Handler Name: CON ED-MH 14029
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19980228
Handler Name: CON ED-MH 14029
Generator Status Universe: No Report
Source Type: Implementer

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124 | **1 of 1** | **ESE** | **0.22 / 1,156.38** | **30.86 / 21** | **SCHIFF FOOD PRODUCTS**
190 BERRY ST (107 N 3RD ST) 190 BERRY ST/107 N 3RD ST
BROOKLYN NY 11211 | **AST**

Site ID: 9891
Site Status: Inactive
Program No: 2-249262
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Manufacturing (Other than Chemical)/Processing
Expiry:
County: Kings
UTM X: 587765.10358
UTM Y: 4507797.46014

Tank Information

Prog No: 2-249262
Tank ID: 10384
Tank No: 001
Tank Status: 5
Tank Status Desc: Tank Converted to Non-Regulated Use
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
Close Date: 2004-02-23 00:00:00
Capacity (Gal): 10000
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
Tank Location: 6
Tank Location Desc: Aboveground in Subterranean Vault w/ access for inspections
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Line Last Test Due:
Next Line Test Due:
Line Test Method:
Class A Operator:
Class B Operator:
Modified by: TRANSLAT
Last Modified: 2017-04-14 14:30:47.863000000

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Affiliation Information

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: SCHIFF-DEUTSCHER HOLDING CORP
Contact Title:
Contact Name:
Address1: 190 BERRY STREET
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 782-4353
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:25:00.013000000

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: SCHIFF FOOD PRODUCTS
Contact Title:
Contact Name: SCHIFF-DEUTSCHER HOLDING CORP
Address1:
Address2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(718) 782-4353
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:25:00.013000000
Affiliation Type:	11
Affiliation Name:	Emergency Contact
Affiliation Sub Type:	NNN
Company:	SCHIFF-DEUTSCHER HOLDING CORP
Contact Title:	
Contact Name:	COASTAL PETROLEUM TANK CORP
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(212) 475-4263
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:25:00.013000000
Affiliation Type:	07
Affiliation Name:	Mail Contact
Affiliation Sub Type:	NNN
Company:	SCHIFF-DEUTSCHER HOLDING CORP
Contact Title:	
Contact Name:	DAVID DEUTSHER
Address1:	190 BERRY STREET
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 782-4353
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:25:00.013000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
125	1 of 1	ESE	0.22 / 1,161.76	27.43 / 18	CON EDISON 186 BERRY ST BROOKLYN NY 11249	RCRA NON GEN

EPA Handler ID:	NYP004744777
Gen Status Universe:	No Report
Contact Name:	THOMAS TEELING
Contact Address:	
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20150306

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150306
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150306
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Emergency

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126 | ***1 of 2*** | ***ENE*** | ***0.22 / 1,165.66*** | ***23.49 / 14*** | ***ERDE BAKERY***
170 WYTHE AVENUE
BROOKLYN NY 11211 | ***AST***

Site ID:	22302	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-600319	**UTM X:**	587819.96848
Program Type Code:	PBS	**UTM Y:**	4508107.19602
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Manufacturing (Other than Chemical)/Processing		

Tank Information

Prog No:	2-600319	**UDC Ind:**	1
Tank ID:	42146	**Red Tag Start Date:**	
Tank No:	002	**Red Tag End Date:**	
Tank Status:	5	**Tank Last Test:**	
Tank Status Desc:	Tank Converted to Non-Regulated Use	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:		**Next Line Test Due:**	
Close Date:	1996-08-01 00:00:00	**Line Test Method:**	
Capacity (Gal):	275	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	TRANSLAT
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000

Pipe Model:
Tank Location: 3
Tank Location Desc: Aboveground on saddles, legs, stilts, rack or cradle
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Tank Information

Prog No: 2-600319
Tank ID: 42147
Tank No: 003
Tank Status: 5
Tank Status Desc: Tank Converted to Non-Regulated Use
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:

Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:		**Next Line Test Due:**	
Close Date:	1996-08-01 00:00:00	**Line Test Method:**	
Capacity (Gal):	275	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	TRANSLAT
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 3
Tank Location Desc: Aboveground on saddles, legs, stilts, rack or cradle
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: F00
Code Name: None
Type: Pipe External Protection

Affiliation Information

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: CECILE FARKAS
Contact Title:
Contact Name:
Address1: 377 RECTOR PLACE
Address2:
City: NEW YORK
State: NY
Zip Code: 10006
Country Code: 001
Phone: (718) 387-5816
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:27:15.310000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: CECILE FARKAS
Contact Title:
Contact Name: EMILY YAEGEL
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 387-5816
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:27:15.310000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: CECILE FARKAS
Contact Title:
Contact Name: EMILY YAEGEL
Address1: 170 WYTHE STREET
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 387-5816
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:27:15.310000000

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: ERDE BAKERY
Contact Title:
Contact Name: EMILY YAEGEL
Address1:
Address2:
City:
State: NN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Zip Code:
Country Code: 001
Phone: (718) 387-5816
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:27:15.310000000

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170 WYTHE AVENUE
BROOKLYN NY 11211 | **UST**

Site ID: 22302
Site Status: Unregulated/Closed
Program No: 2-600319
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Manufacturing (Other than Chemical)/Processing

Expiry:
County: Kings
UTM X: 587819.96848
UTM Y: 4508107.19602

Tank Information

Prog No: 2-600319
Tank ID: 42145
Tank No: 001
Tank Status: 5
Tank Status Desc: Tank Converted to Non-Regulated Use
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
Close Date: 1996-08-01 00:00:00
Capacity (Gal): 1080
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method:
Modified by: TRANSLAT
Last Modified: 2017-04-14 14:30:47.863000000

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: J02
Code Name: Suction Dispenser

Type: Dispenser

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Affiliation Information

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: CECILE FARKAS
Contact Title:
Contact Name: EMILY YAEGEL
Address1: 170 WYTHE STREET
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 387-5816
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:27:15.310000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: CECILE FARKAS
Contact Title:
Contact Name: EMILY YAEGEL
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 387-5816
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:27:15.310000000

Affiliation Type: 01
Affiliation Name: Facility Owner

Affiliation Sub Type:	E
Company:	CECILE FARKAS
Contact Title:	
Contact Name:	
Address1:	377 RECTOR PLACE
Address2:	
City:	NEW YORK
State:	NY
Zip Code:	10006
Country Code:	001
Phone:	(718) 387-5816
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:27:15.310000000

Affiliation Type:	04
Affiliation Name:	Facility Operator
Affiliation Sub Type:	NNN
Company:	ERDE BAKERY
Contact Title:	
Contact Name:	EMILY YAEGEL
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(718) 387-5816
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:27:15.310000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
127	1 of 1	SSE	0.22 / 1,175.76	46.53 / 37	SOUTH FIRST REALTY CORP. 90 SOUTH FIRST STREET 90 SO 1 ST BROOKLYN NY 11211	AST

Site ID:	3976	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-117129	**UTM X:**	587562.89890
Program Type Code:	PBS	**UTM Y:**	4507570.52510
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Other		

Tank Information

Prog No:	2-117129	**UDC Ind:**	1
Tank ID:	7908	**Red Tag Start Date:**	
Tank No:	001	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Line Last Test Due:**	
Install Date:		**Next Line Test Due:**	
Close Date:		**Line Test Method:**	
Capacity (Gal):	1500	**Class A Operator:**	
Tk Out of Serv Dt:		**Class B Operator:**	
Registered:	True	**Modified by:**	TRANSLAT
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	1		
Tank Location Desc:	Aboveground-contact w/ soil		
Category:	1		

Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: B99
Code Name: Other
Type: Tank External Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: C01
Code Name: Aboveground
Type: Pipe Location

Equipment: D02
Code Name: Galvanized Steel
Type: Pipe Type

Equipment: F00
Code Name: None
Type: Pipe External Protection

Affiliation Information

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: SOUTH FIRST REALTY CORP.
Contact Title:
Contact Name: BEN SCHLESINGER
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 797-0505

Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:23:46.217000000
Affiliation Type:	11
Affiliation Name:	Emergency Contact
Affiliation Sub Type:	NNN
Company:	SOUTH FIRST REALTY CORP.
Contact Title:	
Contact Name:	BEN
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(718) 797-0505
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:23:46.217000000
Affiliation Type:	01
Affiliation Name:	Facility Owner
Affiliation Sub Type:	E
Company:	SOUTH FIRST REALTY CORP.
Contact Title:	
Contact Name:	
Address1:	50 WALLABOUT STREET
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 797-0505
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:23:46.217000000
Affiliation Type:	07
Affiliation Name:	Mail Contact
Affiliation Sub Type:	NNN
Company:	SOUTH FIRST REALTY CORP.
Contact Title:	
Contact Name:	BEN SCHLESINGER
Address1:	50 WALLABOUT STREET
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 797-0505
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:23:46.217000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
128	1 of 1	E	0.23 / 1,190.40	20.91 / 11	NORTHSIDE AUTO CORP 98 NORTH 5TH STREET BROOKLYN NY 11211	TANKS

Site ID: 338215 **Expiration Date:** 2020/03/03

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site Status:	Active	**DEC Region:**	2
Program No:	2-609865	**County:**	Kings
Program Type Code:	PBS	**UTM X:**	587793.72492
Program Type Desc:	Petroleum Bulk Storage Program	**UTM Y:**	4507935.06228
Site Type:	Utility (Other than Municipal)		

129	1 of 1	ESE	0.23 / 1,191.21	24.99 / 16	CON EDISON SERVICE BOX: 12082 BERRY ST & N 4TH ST NW COR BROOKLYN NY 11249	RCRA NON GEN

EPA Handler ID:	NYP004575601
Gen Status Universe:	No Report
Contact Name:	THOMAS TEELING
Contact Address:	
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20140725

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20140625
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20140625
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Emergency

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20140725
Handler Name: CON EDISON SERVICE BOX: 12082
Generator Status Universe: No Report
Source Type: Implementer

---

130 | ***1 of 2*** | ***E*** | ***0.23 / 1,197.44*** | ***19.56 / 10*** | ***150 BERRY STREET***
150 BERRY ST
BROOKLYN NY 11211 | ***UST***

Site ID: 404698
Site Status: Unregulated/Closed
Program No: 2-610947
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Trucking/Transportation/Fleet Operation
Expiry:
County: Kings
UTM X: 587828.15312
UTM Y: 4507939.71835

Tank Information

Prog No: 2-610947
Tank ID: 225380
Tank No: 002
Tank Status: 3
Tank Status Desc: Closed - Removed
Tank Type: 05
Tank Type Desc: Steel Tank in Concrete
Install Date: 2006-08-22 00:00:00
Close Date: 2004-04-18 00:00:00
Capacity (Gal): 550
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method:
Modified by: MSBAPTIS
Last Modified: 2017-04-14 14:30:47.863000000
Tank Location: 5
Tank Location Desc: Underground
Category: 2
Category Desc: Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: E00
Code Name: None

Type: Piping Secondary Containment

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Tank Information

Prog No:	2-610947	***UDC Ind:***	1
Tank ID:	225379	***Red Tag Start Date:***	
Tank No:	001	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	05	***Test Method:***	00
Tank Type Desc:	Steel Tank in Concrete	***Date Tested:***	
Install Date:	2006-08-22 00:00:00	***Next Test:***	
Close Date:	2007-04-18 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	5000	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	MSBAPTIS
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 2
Category Desc: Category 2 means a tank which was installed from December 27, 1986 through October 11, 2015
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: I00
Code Name: None
Type: Overfill

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: B00
Code Name: None
Type: Tank External Protection

Affiliation Information

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: 150 BERRY STREET
Contact Title:
Contact Name: MICHAEL MORTON
Address1:
Address2:
City:
State: NN
Zip Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Country Code: 001
Phone: (561) 865-9222
Phone Ext:
Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2008-09-30 13:23:41.550000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: HYDRO TECH ENVIRONMENTAL
Contact Title:
Contact Name: TIM LO
Address1: 1111 FULTON STREET
Address2:
City: BROOKLYN
State: NY
Zip Code: 11238
Country Code: 001
Phone:
Phone Ext:
Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2008-09-30 13:23:41.550000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: MICHAEL MORTON
Contact Title:
Contact Name: MICHAEL MORTON
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (561) 865-9222
Phone Ext:
Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2008-09-30 13:23:41.563000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: A
Company: MICHAEL MORTON
Contact Title: MGM
Contact Name: MICHAEL MORTON
Address1: 5350 WEST ATLANTIC
Address2:
City: DELRAY BEACH
State: LA
Zip Code: 33484
Country Code: 001
Phone: (561) 865-9111
Phone Ext:
Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2008-09-30 13:23:41.550000000

130	2 of 2	E	0.23 / 1,197.44	19.56 / 10	RIZZO TRUCKING INC 91 N 5TH ST BROOKLYN NY 11211	UST

Site ID: 33
Site Status: Unregulated/Closed
Program No: 2-002801
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Trucking/Transportation/Fleet Operation

Expiry:
County: Kings
UTM X: 587819.55700
UTM Y: 4507925.26659

Tank Information

Prog No: 2-002801
Tank ID: 26759
Tank No: 001
Tank Status: 3
Tank Status Desc: Closed - Removed
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date: 1975-11-01 00:00:00
Close Date: 2002-07-24 00:00:00
Capacity (Gal): 4000
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test: 1996-10-01 00:00:00
Tank Next Test Due:
Test Method: ZZ
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method:
Modified by: TRANSLAT
Last Modified: 2017-04-14 14:30:47.863000000

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: H99
Code Name: Other
Type: Tank Leak Detection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: B07
Code Name: Retrofitted Sacrificial Anode
Type: Tank External Protection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Affiliation Information

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: RIZZO TRUCKING INC
Contact Title:
Contact Name:
Address1: 91 N 5TH ST
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-6639
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:22:59.670000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: RIZZO TRUCKING INC
Contact Title:
Contact Name: BARNEY RIZZ0
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (516) 825-0836
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:22:59.670000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: RIZZO TRUCKING INC
Contact Title:
Contact Name:
Address1: 91 N 5TH ST
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-6639
Phone Ext:
Email:

Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:22:59.670000000
Affiliation Type:	04
Affiliation Name:	Facility Operator
Affiliation Sub Type:	NNN
Company:	RIZZO TRUCKING INC
Contact Title:	
Contact Name:	RIZZ0 TRUCKING INC
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(718) 388-6639
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:22:59.670000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
131	1 of 1	ENE	0.23 / 1,198.61	25.49 / 16	CON EDISON 85 N 6TH ST BROOKLYN NY 11249	RCRA NON GEN

EPA Handler ID:	NYP004770798
Gen Status Universe:	No Report
Contact Name:	THOMAS TEELING
Contact Address:	
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20150420

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No: 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Date: 20150420
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150420
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

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132 | ***1 of 4*** | ***NE*** | ***0.23 / 1,205.76*** | ***17.80 / 8*** | ***115 KENT AVENUE. 115 KENT AVENUE BROOKLYN NY 11211*** | ***AST***

Site ID: 11207
Site Status: Inactive
Program No: 2-268674
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Other
Expiry:
County: Kings
UTM X: 588127.96948
UTM Y: 4509401.82677

Tank Information

Prog No: 2-268674
Tank ID: 13520
Tank No: 001
Tank Status: 5
Tank Status Desc: Tank Converted to Non-Regulated Use
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
Close Date:
Capacity (Gal): 1080
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
Tank Location: 6
Tank Location Desc: Aboveground in Subterranean Vault w/ access for inspections
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Line Last Test Due:
Next Line Test Due:
Line Test Method:
Class A Operator:
Class B Operator:
Modified by: CGFREEDM
Last Modified: 2017-04-14 14:30:47.863000000

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: G00
Code Name: None

Type: Tank Secondary Containment

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: I04
Code Name: Product Level Gauge (A/G)
Type: Overfill

Equipment: L09
Code Name: Exempt Suction Piping
Type: Piping Leak Detection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Affiliation Information

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: 117 KENT AVE LLC AND 66-68 WASHINGTON AVE LLC
Contact Title: VP
Contact Name: AVI FELDMAN
Address1: 694 METROPALITIAN AVE
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-9523
Phone Ext:
Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2009-08-20 10:57:06.780000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: 117 KENT AVE LLC AND 66-68 WASHINGTON AVE LLC
Contact Title: VP
Contact Name: AVI FELDMAN
Address1: 694 METROPALITIAN AVE
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-9523

Phone Ext:	
Email:	
Fax:	
Modified By:	MSBAPTIS
Last Modified:	2009-08-20 10:57:06.780000000
Affiliation Type:	11
Affiliation Name:	Emergency Contact
Affiliation Sub Type:	NNN
Company:	117 KENT AVE LLC AND 66-68 WASHINGTON AVE LLC
Contact Title:	
Contact Name:	AVI FELDMAN
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	999
Phone:	(718) 388-4523
Phone Ext:	
Email:	
Fax:	
Modified By:	MSBAPTIS
Last Modified:	2009-08-20 10:57:06.747000000
Affiliation Type:	04
Affiliation Name:	Facility Operator
Affiliation Sub Type:	NNN
Company:	115 KENT AVENUE.
Contact Title:	
Contact Name:	AVI FELDMAN
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(718) 388-4523
Phone Ext:	
Email:	
Fax:	
Modified By:	MSBAPTIS
Last Modified:	2009-08-20 10:57:06.747000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
132	2 of 4	NE	0.23 / 1,205.76	17.80 / 8	TANKS-A-LOT INC 115 KENT AVE BROOKLYN NY 11211-2813	RCRA NON GEN

EPA Handler ID:	NYD981488414
Gen Status Universe:	No Report
Contact Name:	
Contact Address:	115 , KENT AVE , , BROOKLYN , NY, 11211 , US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20070101

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19860609
Handler Name:	TANKS-A-LOT INC
Generator Status Universe:	No Report
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	NONE
Waste Code Description:	DESCRIPTION

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19990708
Handler Name:	TANKS-A-LOT INC
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20060101
Handler Name:	TANKS-A-LOT INC
Generator Status Universe:	No Report
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	3
Receive Date:	20070101
Handler Name:	TANKS-A-LOT INC
Generator Status Universe:	No Report
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	MICHAEL CALLEIA	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	WY
Phone:	212-555-1212	***Country:***	US

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Type:	Implementer	**Zip Code:**	99999
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	MICHAEL CALLEIA	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	MICHAEL CALLEIA	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	WY
Phone:	212-555-1212	**Country:**	US
Source Type:	Implementer	**Zip Code:**	99999

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Site ID:	453450	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-611658	**UTM X:**	587737.29258
Program Type Code:	PBS	**UTM Y:**	4508278.61777
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Apartment Building/Office Building		

Tank Information

Prog No:	2-611658	**UDC Ind:**	1
Tank ID:	240601	**Red Tag Start Date:**	
Tank No:	7	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2007-03-01 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	MSBAPTIS
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			
Tank Owner Address:			

Material Information

Material Code:	0001
Material Name:	#2 fuel oil (on-site consumption)
Percent:	100.00

Equipment Information

Equipment:	H00

Code Name: None
Type: Tank Leak Detection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: I00
Code Name: None
Type: Overfill

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Tank Information

Prog No:	2-611658	***UDC Ind:***	1
Tank ID:	240602	***Red Tag Start Date:***	
Tank No:	8	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:	2007-03-01 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	550	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	MSBAPTIS
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:

Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: I00
Code Name: None
Type: Overfill

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Tank Information

Prog No: 2-611658 ***UDC Ind:*** 1

Tank ID:	240599	**Red Tag Start Date:**	
Tank No:	5	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2007-03-01 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	MSBAPTIS
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: J00
Code Name: None
Type: Dispenser

Tank Information

Prog No:	2-611658	**UDC Ind:**	1
Tank ID:	240600	**Red Tag Start Date:**	
Tank No:	6	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2007-03-01 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	MSBAPTIS
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: D00

Code Name: No Piping
Type: Pipe Type

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: K00
Code Name: None
Type: Spill Prevention

Tank Information

Prog No:	2-611658	***UDC Ind:***	1
Tank ID:	240597	***Red Tag Start Date:***	
Tank No:	3	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:	2007-03-01 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	550	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	MSBAPTIS
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Tank Information

Prog No:	2-611658	***UDC Ind:***	1
Tank ID:	240595	***Red Tag Start Date:***	
Tank No:	1	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	00
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:	2007-03-01 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	1500	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	MSBAPTIS
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	1		

Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: I00
Code Name: None
Type: Overfill

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Tank Information

Prog No:	2-611658	**UDC Ind:**	1
Tank ID:	240596	**Red Tag Start Date:**	
Tank No:	2	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	00
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2007-03-01 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	1500	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	MSBAPTIS
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: B00

Code Name: None
Type: Tank External Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Tank Information

Prog No: 2-611658
Tank ID: 240598
Tank No: 4
Tank Status: 3
Tank Status Desc: Closed - Removed
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
Close Date: 2007-03-01 00:00:00
Capacity (Gal): 550
Tk Out of Serv Dt:
Registered: True
Tank Model:
Pipe Model:
UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method:
Modified by: MSBAPTIS
Last Modified: 2017-04-14 14:30:47.863000000
Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: D00
Code Name: No Piping
Type: Pipe Type

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: I00
Code Name: None
Type: Overfill

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Affiliation Information

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: 111 STELLAR 8 OWNER, LLC
Contact Title:
Contact Name: DON HARTIGAN
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (516) 723-1396
Phone Ext:
Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2011-08-22 09:19:43.180000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: STELLAR MGMT
Contact Title:
Contact Name: JASON E. BERKELEY
Address1: 2 RECTOR ST, 2ND FLOOR
Address2:
City: NEW YORK
State: NY
Zip Code: 10006
Country Code: 001
Phone: (212) 619-0140
Phone Ext:

Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2011-08-22 09:19:43.180000000

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: 103-117 KENT AVE
Contact Title:
Contact Name: DON HARTIGAN
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (516) 723-1396
Phone Ext:
Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2011-08-22 09:19:43.180000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: 111 STELLAR 8 OWNER, LLC
Contact Title: VP
Contact Name: JASON E. BERKELEY
Address1: 156 WILLIAM ST.. 10TH FLR
Address2:
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 406-0030
Phone Ext:
Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2011-08-22 09:19:43.163000000

132	4 of 4	NE	0.23 / 1,205.76	17.80 / 8	115 KENT AVENUE. 115 KENT AVENUE BROOKLYN NY 11211	UST

Site ID: 11207
Site Status: Inactive
Program No: 2-268674
Program Type Code: PBS
Program Type Desc: Petroleum Bulk Storage Program
Site Type: Other

Expiry:
County: Kings
UTM X: 588127.96948
UTM Y: 4509401.82677

Tank Information

Prog No: 2-268674
Tank ID: 13521
Tank No: 002
Tank Status: 4
Tank Status Desc: Closed - In Place
Tank Type: 01
Tank Type Desc: Steel/Carbon Steel/Iron
Install Date:
Close Date: 2007-02-22 00:00:00
Capacity (Gal): 550
Tk Out of Serv Dt:

UDC Ind: 1
Red Tag Start Date:
Red Tag End Date:
Tank Last Test:
Tank Next Test Due:
Test Method: NN
Date Tested:
Next Test:
Line Last Test Due:
Next Line Test Due:
Line Test Method:

Registered:	True	**Modified by:**	MSBAPTIS
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			
Tank Owner Address:			

Material Information

Material Code:	0008
Material Name:	diesel
Percent:	100.00

Equipment Information

Equipment:	F00
Code Name:	None
Type:	Pipe External Protection
Equipment:	C00
Code Name:	No Piping
Type:	Pipe Location
Equipment:	G03
Code Name:	Vault (w/o access)
Type:	Tank Secondary Containment
Equipment:	D01
Code Name:	Steel/Carbon Steel/Iron
Type:	Pipe Type
Equipment:	J02
Code Name:	Suction Dispenser
Type:	Dispenser
Equipment:	B00
Code Name:	None
Type:	Tank External Protection
Equipment:	I00
Code Name:	None
Type:	Overfill
Equipment:	H00
Code Name:	None
Type:	Tank Leak Detection
Equipment:	A00
Code Name:	None
Type:	Tank Internal Protection

Tank Information

Prog No:	2-268674	**UDC Ind:**	1
Tank ID:	13523	**Red Tag Start Date:**	
Tank No:	004	**Red Tag End Date:**	
Tank Status:	4	**Tank Last Test:**	
Tank Status Desc:	Closed - In Place	**Tank Next Test Due:**	

Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2007-02-22 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	MSBAPTIS
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: I00
Code Name: None
Type: Overfill

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Tank Information

Prog No:	2-268674	**UDC Ind:**	1
Tank ID:	13522	**Red Tag Start Date:**	
Tank No:	003	**Red Tag End Date:**	
Tank Status:	4	**Tank Last Test:**	
Tank Status Desc:	Closed - In Place	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2007-02-22 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	MSBAPTIS
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: I00
Code Name: None
Type: Overfill

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: C00
Code Name: No Piping
Type: Pipe Location

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: G03

Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Affiliation Information

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: 117 KENT AVE LLC AND 66-68 WASHINGTON AVE LLC
Contact Title: VP
Contact Name: AVI FELDMAN
Address1: 694 METROPALITIAN AVE
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-9523
Phone Ext:
Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2009-08-20 10:57:06.780000000

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: 115 KENT AVENUE.
Contact Title:
Contact Name: AVI FELDMAN
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 388-4523
Phone Ext:
Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2009-08-20 10:57:06.747000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: 117 KENT AVE LLC AND 66-68 WASHINGTON AVE LLC
Contact Title:
Contact Name: AVI FELDMAN
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 999
Phone: (718) 388-4523
Phone Ext:
Email:
Fax:
Modified By: MSBAPTIS
Last Modified: 2009-08-20 10:57:06.747000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: 117 KENT AVE LLC AND 66-68 WASHINGTON AVE LLC
Contact Title: VP
Contact Name: AVI FELDMAN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Address1:	694 METROPALITIAN AVE
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 388-9523
Phone Ext:	
Email:	
Fax:	
Modified By:	MSBAPTIS
Last Modified:	2009-08-20 10:57:06.780000000

133	1 of 1	NNE	0.23 / 1,222.11	2.32 / -7	BROOKLYN EASTERN DISTRICT TERMINAL 116 KENT AVE BROOKLYN NY 11211	RCRA NON GEN

EPA Handler ID:	NYD980645907
Gen Status Universe:	No Report
Contact Name:	FRANK DAYTON
Contact Address:	334 , FURMAN ST , , BROOKLYN , NY, 11201 , US
Contact Phone No and Ext:	718-624-3400
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	
Receive Date:	20070101

Violation/Evaluation Summary

Note:	NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated June, 2019.

Evaluation Details

Evaluation Start Date:	19990902
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	EPA

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19801114
Handler Name: BROOKLYN EASTERN DISTRICT TERMINAL
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060101
Handler Name: BROOKLYN EASTERN DISTRICT TERMINAL
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070101
Handler Name: BROOKLYN EASTERN DISTRICT TERMINAL
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: NEW YORK DOCK RAILWAY
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country:
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: NEW YORK DOCK RAILWAY
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: NEW YORK DOCK RAILWAY
Date Became Current:
Date Ended Current:
Phone: 212-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: WY
Country: US
Zip Code: 99999

134	1 of 2	NNE	0.24 / 1,242.63	2.84 / -7	NEKBOH RECYCLING(5 N. 7TH ST. REGISTRATI 5 NORTH 7TH STREET (KENT AVE BETWEEN NORTH 6 TO NORTH 7TH) Brooklyn NY 11211	SWF/LF

Active: No
Activity No: [24WC3]
Regltry Status:
Owner Address:
Owner Addr2:
Owner City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Accuracy Code:		**Owner State:**	
Auth No:		**Owner ZIP:**	
Auth Issue Dt:		**Owner Email:**	
Operator Name:		**Owner Phone:**	
Operator Type:		**Contact Name:**	PHILIP BARRETTI
Expiration Date:		**Contact Addr:**	
Region:	2	**Contact Addr2:**	
County:	Kings	**Contact City:**	
East Coord:	587602	**Contact State:**	
North Coord:	4508315	**Contact ZIP:**	
Phone No:	7183845151	**Contact Email:**	
Owner Name:		**Contact Phone:**	
Owner Type:			
Date of Last Inspection:			
Activity Desc:	C&D processing - registration		
Waste Types:			

134	2 of 2	NNE	0.24 / 1,242.63	2.84 / -7	**EAST RIVER STATE PARK (FORMERLY BROOKLYN EASTERN** **32 NORTH 8TH STREET** **BROOKLYN NY 11255**	UST

Site ID:	335917	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-609809	**UTM X:**	583658.93978
Program Type Code:	PBS	**UTM Y:**	4496074.65979
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Other		

Tank Information

Prog No:	2-609809	**UDC Ind:**	1
Tank ID:	181313	**Red Tag Start Date:**	
Tank No:	001	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	00
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2005-01-11 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	JMKRIMGO
Tank Model:	101	**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		
Subpart:			
Subpart Desc:			
Class A Operator:			
Class B Operator:			
Tank Owner Name:			
Tank Owner Address:			

Material Information

Material Code:	0008
Material Name:	diesel
Percent:	100.00

Equipment Information

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: F02
Code Name: Original Sacrificial Anode
Type: Pipe External Protection

Equipment: F06
Code Name: Wrapped
Type: Pipe External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: B01
Code Name: Painted/Asphalt Coating
Type: Tank External Protection

Equipment: B02
Code Name: Original Sacrificial Anode
Type: Tank External Protection

Tank Information

Prog No:	2-609809	**UDC Ind:**	1
Tank ID:	181314	**Red Tag Start Date:**	
Tank No:	002	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	00
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2005-01-11 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	JMKRIMGO
Tank Model:	101	**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0008
Material Name: diesel
Percent: 100.00

Equipment Information

Equipment: B01

Code Name: Painted/Asphalt Coating
Type: Tank External Protection

Equipment: F02
Code Name: Original Sacrificial Anode
Type: Pipe External Protection

Equipment: F06
Code Name: Wrapped
Type: Pipe External Protection

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: B02
Code Name: Original Sacrificial Anode
Type: Tank External Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Affiliation Information

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: NYSOPRHP C/O NYC REGION
Contact Title:
Contact Name: CHARLES PLACE
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 999
Phone: (212) 866-3535
Phone Ext:
Email:
Fax:
Modified By: JMKRIMGO
Last Modified: 2005-03-08 14:47:22.467000000

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: EAST RIVER STATE PARK (FORMERLY BROOKLYN EASTERN
Contact Title:
Contact Name: NYS OFFICE OF PARKS, REC. & HISTORICAL PRESERVATIO
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (212) 866-3100
Phone Ext:
Email:
Fax:
Modified By: KXTANG
Last Modified: 2005-01-04 13:38:23.700000000

Affiliation Type: 01

Affiliation Name:	Facility Owner
Affiliation Sub Type:	B16
Company:	NYSOPRHP C/O NYC REGION
Contact Title:	ASST. DEPT. COMISSIONER
Contact Name:	MARY ELLEN KRIS
Address1:	163 W. 125TH STREET, 17TH FLOOR
Address2:	
City:	NEW YORK
State:	NY
Zip Code:	10027
Country Code:	001
Phone:	(212) 866-3100
Phone Ext:	
Email:	
Fax:	
Modified By:	JMKRIMGO
Last Modified:	2005-03-08 14:47:22.480000000

Affiliation Type:	07
Affiliation Name:	Mail Contact
Affiliation Sub Type:	NNN
Company:	NYSOPRHP
Contact Title:	
Contact Name:	CHARLES H. PLACE
Address1:	163 W. 125TH STREET,
Address2:	17TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10027
Country Code:	001
Phone:	(212) 866-3535
Phone Ext:	
Email:	
Fax:	
Modified By:	JMKRIMGO
Last Modified:	2005-03-08 14:47:22.480000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
135	1 of 1	SE	0.24 / 1,248.71	44.24 / 35	GRAND SUITES, LLC 128-134 GRAND STREET A/K/A 251-255 BERRY STREET BROOKLYN NY 11211	UST

Site ID:	419577	**Expiry:**	
Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-611177	**UTM X:**	587610.93456
Program Type Code:	PBS	**UTM Y:**	4507644.58702
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Other		

Tank Information

Prog No:	2-611177	**UDC Ind:**	1
Tank ID:	230814	**Red Tag Start Date:**	
Tank No:	002	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2007-03-29 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	NRLOMBAR
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	5		
Tank Location Desc:	Underground		

Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0009
Material Name: gasoline
Percent: 100.00

Equipment Information

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Tank Information

Prog No:	2-611177	***UDC Ind:***	1
Tank ID:	231000	***Red Tag Start Date:***	
Tank No:	005	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:	2009-09-30 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	30	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	NRLOMBAR
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0010
Material Name: hydraulic oil
Percent: 100.00

Equipment Information

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: I00
Code Name: None
Type: Overfill

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Tank Information

Prog No:	2-611177	**UDC Ind:**	1
Tank ID:	230999	**Red Tag Start Date:**	
Tank No:	004	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2009-09-30 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	NRLOMBAR
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0009
Material Name: gasoline
Percent: 100.00

Equipment Information

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: G03

Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Tank Information

Prog No:	2-611177	**UDC Ind:**	1
Tank ID:	230813	**Red Tag Start Date:**	
Tank No:	001	**Red Tag End Date:**	
Tank Status:	3	**Tank Last Test:**	
Tank Status Desc:	Closed - Removed	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	2007-03-29 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	550	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	NRLOMBAR
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0009
Material Name: gasoline
Percent: 100.00

Equipment Information

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Tank Information

Prog No:	2-611177	***UDC Ind:***	1
Tank ID:	230815	***Red Tag Start Date:***	
Tank No:	003	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Date Tested:***	
Install Date:		***Next Test:***	
Close Date:	2009-09-30 00:00:00	***Line Last Test Due:***	
Capacity (Gal):	550	***Next Line Test Due:***	
Tk Out of Serv Dt:		***Line Test Method:***	
Registered:	True	***Modified by:***	NRLOMBAR
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location: 5
Tank Location Desc: Underground
Category: 1
Category Desc: Category 1 means a tank which was installed before December 27, 1986
Subpart:
Subpart Desc:
Class A Operator:
Class B Operator:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0022
Material Name: waste oil/used oil
Percent: 100.00

Equipment Information

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: L00
Code Name: None
Type: Piping Leak Detection

Equipment: K00
Code Name: None
Type: Spill Prevention

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: E00
Code Name: None
Type: Piping Secondary Containment

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Equipment: J00
Code Name: None
Type: Dispenser

Equipment: C02
Code Name: Underground/On-ground
Type: Pipe Location

Affiliation Information

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: GRAND SUITES LLC
Contact Title:
Contact Name: MR. CHASKIEL STRULOVITCH
Address1: 116 NOSTRAND AVENUE
Address2:
City: BROOKLYN
State: NY
Zip Code: 11205
Country Code: 001
Phone: (718) 599-8300
Phone Ext:
Email: PEARL@CSREALESTATE.COM
Fax:
Modified By: NRLOMBAR
Last Modified: 2010-06-24 11:45:44.267000000

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: GRAND SUITES, LLC
Contact Title:
Contact Name: MAYER GREENFELD
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (646) 641-1322
Phone Ext:
Email:
Fax:
Modified By: NRLOMBAR
Last Modified: 2010-06-24 11:45:44.267000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: GRAND SUITES LLC
Contact Title:
Contact Name: PEARL
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 999
Phone: (718) 599-8300
Phone Ext:
Email:
Fax:
Modified By: NRLOMBAR
Last Modified: 2010-06-24 11:45:44.267000000

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: GRAND SUITES LLC
Contact Title:
Contact Name:
Address1: 116 NOSTRAND AVE.
Address2:
City: BROOKLYN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State:	NY
Zip Code:	11205
Country Code:	001
Phone:	(718) 599-8300
Phone Ext:	
Email:	
Fax:	
Modified By:	NRLOMBAR
Last Modified:	2010-06-24 11:45:44.267000000

136	1 of 1	ENE	0.24 / 1,252.65	26.16 / 17	CON EDISON MANHOLE: 53555 WYTHE AVE & N 7TH ST SE COR BROOKLYN NY 11249	RCRA NON GEN

EPA Handler ID:	NYP004436184
Gen Status Universe:	No Report
Contact Name:	THOMAS TEELING
Contact Address:	
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20140306

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20140206
Handler Name:	CON EDISON MANHOLE: 53555
Generator Status Universe:	No Report
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20140306
Handler Name:	CON EDISON MANHOLE: 53555
Generator Status Universe:	No Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:		Implementer				

137	1 of 1	ENE	0.24 / 1,252.78	27.04 / 18	CON EDISON SERVICE BOX: 16235 98 N 7TH ST BROOKLYN NY 11249	RCRA NON GEN

EPA Handler ID: NYP004436176
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20140306

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140206
Handler Name: CON EDISON SERVICE BOX: 16235
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20140306
Handler Name: CON EDISON SERVICE BOX: 16235
Generator Status Universe: No Report
Source Type: Implementer

138	1 of 1	ESE	0.24 / 1,256.05	29.35 / 20	GARSHING CO., ZND. 201 BERRY STREET BROOKLYN NY 11211	UST

Site ID: 25452 **Expiry:**

Site Status:	Unregulated/Closed	**County:**	Kings
Program No:	2-603536	**UTM X:**	587756.64680
Program Type Code:	PBS	**UTM Y:**	4507787.45345
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Unknown		

Tank Information

Prog No:	2-603536	**UDC Ind:**	1
Tank ID:	54706	**Red Tag Start Date:**	
Tank No:	001	**Red Tag End Date:**	
Tank Status:	4	**Tank Last Test:**	
Tank Status Desc:	Closed - In Place	**Tank Next Test Due:**	
Tank Type:	01	**Test Method:**	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	**Date Tested:**	
Install Date:		**Next Test:**	
Close Date:	1998-07-01 00:00:00	**Line Last Test Due:**	
Capacity (Gal):	3000	**Next Line Test Due:**	
Tk Out of Serv Dt:		**Line Test Method:**	
Registered:	True	**Modified by:**	TRANSLAT
Tank Model:		**Last Modified:**	2017-04-14 14:30:47.863000000
Pipe Model:			

Tank Location:	5
Tank Location Desc:	Underground
Category:	1
Category Desc:	Category 1 means a tank which was installed before December 27, 1986
Subpart:	
Subpart Desc:	
Class A Operator:	
Class B Operator:	
Tank Owner Name:	
Tank Owner Address:	

Material Information

Material Code:	0001
Material Name:	#2 fuel oil (on-site consumption)
Percent:	100.00

Equipment Information

Equipment:	J02
Code Name:	Suction Dispenser
Type:	Dispenser
Equipment:	I00
Code Name:	None
Type:	Overfill
Equipment:	C02
Code Name:	Underground/On-ground
Type:	Pipe Location
Equipment:	B00
Code Name:	None
Type:	Tank External Protection
Equipment:	A00
Code Name:	None
Type:	Tank Internal Protection
Equipment:	D01
Code Name:	Steel/Carbon Steel/Iron
Type:	Pipe Type

Equipment: G00
Code Name: None
Type: Tank Secondary Containment

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: F00
Code Name: None
Type: Pipe External Protection

Affiliation Information

Affiliation Type: 01
Affiliation Name: Facility Owner
Affiliation Sub Type: E
Company: GAR SHING REALTY CORPORATION
Contact Title:
Contact Name:
Address1: 201 BERRY STREET
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-3836
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:27:48.560000000

Affiliation Type: 11
Affiliation Name: Emergency Contact
Affiliation Sub Type: NNN
Company: GAR SHING REALTY CORPORATION
Contact Title:
Contact Name: DONNA KHA
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 388-3836
Phone Ext:
Email:
Fax:
Modified By: TRANSLAT
Last Modified: 2004-03-04 12:27:48.577000000

Affiliation Type: 07
Affiliation Name: Mail Contact
Affiliation Sub Type: NNN
Company: GAR SHING CO. INC.
Contact Title:
Contact Name: MS. DONNA KHA
Address1: 201 BERRY STREET
Address2:
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-3836
Phone Ext:
Email:
Fax:

Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:27:48.577000000
Affiliation Type:	04
Affiliation Name:	Facility Operator
Affiliation Sub Type:	NNN
Company:	GARSHING CO., ZND.
Contact Title:	
Contact Name:	DONNA KHA
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(718) 388-3836
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:27:48.577000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
139	1 of 2	S	0.24 / 1,262.00	25.34 / 16	CON EDISON 325 KENT AVE MH4818 BROOKLYN NY 11214	RCRA NON GEN

EPA Handler ID:	NYP004791844
Gen Status Universe:	No Report
Contact Name:	THOMAS TEELING
Contact Address:	
Contact Phone No and Ext:	212-460-3770
Contact Email:	
Contact Country:	
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20150609

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150609

Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150609
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

---

139 | **2 of 2** | **S** | **0.24 / 1,262.00** | **25.34 / 16** | **CON EDISON**
325 KENT AVE SB12594
BROOKLYN NY 11214 | **RCRA NON GEN**

EPA Handler ID: NYP004791851
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20150609

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150609
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Date: 20150609
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

140	1 of 1	ENE	0.24 / 1,268.47	24.87 / 15	CON EDISON 77 N 7TH ST BROOKLYN NY 11219	RCRA NON GEN

EPA Handler ID: NYP004879304
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20151214

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20151214
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20151214
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

141	1 of 2	E	0.24 / 1,273.58	28.02 / 19	CON EDISON MANHOLE: 16227 93 N 6TH ST	RCRA NON GEN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					BROOKLYN NY 11211	

EPA Handler ID: NYP004480638
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20140427

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140327
Handler Name: CON EDISON MANHOLE: 16227
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20140427
Handler Name: CON EDISON MANHOLE: 16227
Generator Status Universe: No Report
Source Type: Implementer

141	2 of 2	E	0.24 / 1,273.58	28.02 / 19	CON EDISON 93 N 6TH ST BROOKLYN NY 11249	RCRA NON GEN

EPA Handler ID: NYP004770806
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:

Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20150420

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150420
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150420
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

142	*1 of 1*	*E*	*0.24 / 1,275.14*	*27.37 / 18*	***CON EDISON 95 N 6TH ST BROOKLYN NY 11249***	***RCRA NON GEN***

EPA Handler ID: NYP004735288
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20150222

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150222
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150222
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
143	1 of 1	E	0.24 / 1,285.24	22.60 / 13	CON EDISON W SIDE BERRY ST 120 FEET S OF N 5TH ST BROOKLYN NY 11211	RCRA NON GEN

EPA Handler ID:	NYP004159133
Gen Status Universe:	No Report
Contact Name:	HERMAN BAKER
Contact Address:	US
Contact Phone No and Ext:	718-267-3853
Contact Email:	
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20160601

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20080614
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20160601
Handler Name:	CON EDISON
Generator Status Universe:	No Report
Source Type:	Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
144	1 of 1	SE	0.25 / 1,294.78	46.65 / 37	G & S DESIGNS, INC. 115 SOUTH 1ST STREET FORMERLY 314-326 WYTHE AVENUE BROOKLYN NY 11211	AST

Site ID:	22849	***Expiry:***	
Site Status:	Unregulated/Closed	***County:***	Kings
Program No:	2-600877	***UTM X:***	587604.41270
Program Type Code:	PBS	***UTM Y:***	4507577.29603
Program Type Desc:	Petroleum Bulk Storage Program		
Site Type:	Manufacturing (Other than Chemical)/Processing		

Tank Information

Prog No:	2-600877	***UDC Ind:***	1
Tank ID:	44200	***Red Tag Start Date:***	
Tank No:	001	***Red Tag End Date:***	
Tank Status:	3	***Tank Last Test:***	
Tank Status Desc:	Closed - Removed	***Tank Next Test Due:***	
Tank Type:	01	***Test Method:***	NN
Tank Type Desc:	Steel/Carbon Steel/Iron	***Line Last Test Due:***	
Install Date:	1981-09-01 00:00:00	***Next Line Test Due:***	
Close Date:	1998-01-01 00:00:00	***Line Test Method:***	
Capacity (Gal):	2500	***Class A Operator:***	
Tk Out of Serv Dt:		***Class B Operator:***	
Registered:	True	***Modified by:***	TRANSLAT
Tank Model:		***Last Modified:***	2017-04-14 14:30:47.863000000
Pipe Model:			
Tank Location:	6		
Tank Location Desc:	Aboveground in Subterranean Vault w/ access for inspections		
Category:	1		
Category Desc:	Category 1 means a tank which was installed before December 27, 1986		

Subpart:
Subpart Desc:
Tank Owner Name:
Tank Owner Address:

Material Information

Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Percent: 100.00

Equipment Information

Equipment: J02
Code Name: Suction Dispenser
Type: Dispenser

Equipment: G03
Code Name: Vault (w/o access)
Type: Tank Secondary Containment

Equipment: C01
Code Name: Aboveground
Type: Pipe Location

Equipment: F00
Code Name: None
Type: Pipe External Protection

Equipment: H00
Code Name: None
Type: Tank Leak Detection

Equipment: B00
Code Name: None
Type: Tank External Protection

Equipment: A00
Code Name: None
Type: Tank Internal Protection

Equipment: I05
Code Name: Vent Whistle
Type: Overfill

Equipment: D01
Code Name: Steel/Carbon Steel/Iron
Type: Pipe Type

Affiliation Information

Affiliation Type: 04
Affiliation Name: Facility Operator
Affiliation Sub Type: NNN
Company: G & S DESIGNS, INC.
Contact Title:
Contact Name: JEFFREY GORLICK
Address1:
Address2:
City:
State: NN
Zip Code:
Country Code: 001
Phone: (718) 388-8580
Phone Ext:

Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:27:21.030000000
Affiliation Type:	11
Affiliation Name:	Emergency Contact
Affiliation Sub Type:	NNN
Company:	JEFFREY GORLICK
Contact Title:	
Contact Name:	JEFFREY GORLICK
Address1:	
Address2:	
City:	
State:	NN
Zip Code:	
Country Code:	001
Phone:	(516) 741-3845
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:27:21.030000000
Affiliation Type:	07
Affiliation Name:	Mail Contact
Affiliation Sub Type:	NNN
Company:	JEFFREY GORLICK
Contact Title:	
Contact Name:	
Address1:	115 SOUTH 1ST STREET
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 218-6618
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:27:21.030000000
Affiliation Type:	01
Affiliation Name:	Facility Owner
Affiliation Sub Type:	ZZZ
Company:	JEFFREY GORLICK
Contact Title:	
Contact Name:	
Address1:	115 SOUTH FIRST STREET
Address2:	
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 218-6618
Phone Ext:	
Email:	
Fax:	
Modified By:	TRANSLAT
Last Modified:	2004-03-04 12:27:21.013000000

145	1 of 1	S	0.26 / 1,380.37	43.17 / 34	BTWN NERRY ST & WHITE ST 65 SOUTH 3RD STREET BROOKLYN NY	LST

Spill No:	9401369	**Spill Date:**	1994-04-28 11:00:00
Site ID:	213756	**Rcvd Date:**	1994-04-28 13:19:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DER Facility ID:	177095	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	1996-11-22 00:00:00
SWIS Code:	2401	**Create Date:**	1994-05-03 00:00:00
Contribute Factor:	Tank Failure	**Update Date:**	2004-07-20 00:00:00
Water Body:		**DEC Region:**	2
Source:	Private Dwelling	**Lead DEC:**	MCTIBBE
Class:	B3	**Reported by:**	Local Agency
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

275 GALLON OIL TANK IN BACK YD. ONE LEAKING ON PROPERITY ON TO STREET NYC DEP. AT SITE & WOULD LIKE DEC. REG. AT SITE.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was M TIBBE CLEANED BY RP.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	ANGEL DAVILA	**Spiller Country:**	001
Spiller Address:	79 SOUTH 6TH STREET	**Contact Name:**	
Spiller City:	BROOKLYN	**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.713394640		
Longitude:	-73.965009040		

Material Information

OP Unit ID:	998608	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	553986	**Med GW:**	False
Material Code:	0008	**Med SW:**	False
Material Name:	diesel	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	275.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

146	1 of 1	SSE	0.28 / 1,486.49	50.58 / 41	108 SOUTH 2ND STREET 108 SOUTH 2ND ST BROOKLYN NY	LST

Spill No:	9913287	**Spill Date:**	2000-02-23 13:30:00
Site ID:	117343	**Rcvd Date:**	2000-02-23 14:07:00
DER Facility ID:	102094	**CAC Date:**	
CID:	312	**Insp Date:**	
Program Type:	ER	**Close Date:**	2000-03-07 00:00:00
SWIS Code:	2401	**Create Date:**	2000-02-23 00:00:00
Contribute Factor:	Tank Overfill	**Update Date:**	2000-03-07 00:00:00
Water Body:		**DEC Region:**	2
Source:	Tank Truck	**Lead DEC:**	SIGONA
Class:	B3	**Reported by:**	Responsible Party
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

DRIVER OVERFILLED THE TANK - SPILLED TO STAIRS AND BASEMENT - CLEAN UP COMPANY E/R

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Remark:

Spiller Information

Spiller Name:	BILL CROCKER	**Spiller Zip:**	11218-
Spiller Company:	BORO FUEL OIL	**Spiller Country:**	001
Spiller Address:	2 CHURCH AVENUE	**Contact Name:**	KENNETH NATTON
Spiller City:	BROOKLYN	**Contact Phone:**	(718) 387-1328
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.713686440		
Longitude:	-73.963394410		

Material Information

OP Unit ID:	1087810	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	295146	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	10.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

147	1 of 1	ENE	0.28 / 1,488.01	27.87 / 18	146 WYTHE AVE/BROOKLYN 146 WYTHE AVENUE NEW YORK CITY NY	LST

Spill No:	8905160	**Spill Date:**	1989-08-23 16:45:00
Site ID:	303096	**Rcvd Date:**	1989-08-24 14:30:00
DER Facility ID:	244883	**CAC Date:**	1989-08-24 00:00:00
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	1989-08-24 00:00:00
SWIS Code:	2401	**Create Date:**	1989-09-06 00:00:00
Contribute Factor:	Tank Test Failure	**Update Date:**	2004-09-30 21:28:29.950000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	FINGER
Class:		**Reported by:**	Affected Persons
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

CONTRACTOR SAND BLASTING ADJACENT BLDG CAUSING MATERIAL TO AFFECT RESIDENTS OF THE NEIGHBORHOOD, REFERRED CASE TO THE NYCDEP & DOH.

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:		**Spiller Country:**	001
Spiller Address:		**Contact Name:**	
Spiller City:	***Update***	**Contact Phone:**	
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.716925000		
Longitude:	-74.000663000		

Material Information

OP Unit ID:	930469	***Med Air:***	True
OU:	01	***Med in Air:***	False
Material ID:	445602	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	-1.00	***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

Tank Test Information

Spill Tank ID:	1535906	***Source:***	
Tank No:		***Leak Rate:***	.00
Tank SIze:	0	***Gross Fail:***	
Material:	0066A	***Modified by:***	Spills
EPA UST:		***Last Modified:***	2004-10-01 04:00:45.140000000
UST:		***Test Method:***	00
Cause:		***Alt Test Method:***	Unknown

148	*1 of 4*	*NE*	*0.29 / 1,546.92*	*19.51 / 10*	***87 Kent Avenue 56 North 9th Street (aka 87 Kent Avenue) Brooklyn NY 11249***	***BROWNFIELDS***

Site Code:	492995	***Site Code (GIS):***	C224188
HW Code:	C224188	***Site Class (GIS):***	C
Site Class:	C	***Address1 (GIS):***	56 North 9th Street (aka 87 Kent Avenue)
Site Address:	56 North 9th Street (aka 87 Kent Avenue)	***Address2 (GIS):***	
City:	Brooklyn	***Locality (GIS):***	Brooklyn
ZIP:	11249	***ZIP Code (GIS):***	11249
County:	Kings	***County (GIS):***	Kings
SWIS:	2401	***Town (GIS):***	New York City
Region:	2	***Region (GIS):***	2
Town:	New York City	***X Coord (GIS):***	587795.81618
Acres:	0.390	***Y Coord (GIS):***	4508316.58662
Record Added:	2014-03-25 14:52:00	***Method:***	4.2
Record Update:	2018-01-02 11:48:00	***Accuracy:***	Variable
Updated by:	BXANDERS	***Latitude (GIS):***	40.7210972404264
Latitude:	40.721097556	***Longitude (GIS):***	-73.9604517802099
Longitude:	-73.960451778		

Site Name: 87 Kent Avenue

Site Name (GIS): 87 Kent Avenue

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Program: BCP

Program Desc: BCP

Assess DOH: Remedial actions are complete and have eliminated the potential for contact with site-related contaminants on-site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site.

Source of Data:

Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Site Location: The site is located at the corner of Kent Avenue and North 9th Street in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site is approximately 0.39 acres in size. The site will be used for a seven-story, mixed-use residential/commercial building, which is under development. The site is surrounded by mixed commercial and residential property uses. Current Zoning and Land Use: The site has an E-designation as part of the Greenpoint-Williamsburg Rezoning and is included in the M1-2/R6A mixed use district. The property is currently vacant. Past Use of the Site: From approximately 1980 to until 1998, the site was operated by Barouh Eaton Allen Corp., a manufacturer of typewriter ink and printer products. The building was used from 1998 to 2010 for warehousing and distribution by Lucky Paper Inc. (eastern portion), a distributor or restaurant supplies, and by LJJ, Inc. (western portion), a clothing wholesaler and distributor and from 2010 to 2012 by 200 Supplies Corp., a plumbing supplier. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction.

Assessment:

Remediation at the site is complete. Prior to remediation, the primary contaminants of concern in soil were trichloroethene, benzo(a)pyrene, chrysene and metals including mercury, copper and lead. Remedial actions have successfully achieved soil cleanup objectives for unrestrited use. Prior to remediation, the compounds exceeded groundwater standard were trichloroethene, cis-1,2-DCE and metals including mercury, copper and lead. Remedial action taken place at site removed on-Site sources and post-remedial groundwater sampling documented that the concentrations do not require further treatment or monitoring. Although chlorinated volatile organic compounds were detected in groundwater and soils during the remedial investigation, remediation at the Site consisted of removal of approximately 13,000 cubic yards of contaminated soil and approximately 5.5 million gallons of contaminated groundwater. Furthermore, the foundation of the Site building is below the water table which necessitated installation of a 60 mil thick polyethylene/rubberized asphaltic waterproofing material as part of foundation construction. No further actions are needed to address soil vapor intrusion based on post-remedial environmental data and the construction elements of the building.

Materials Information

Waste Name:	SELENIUM	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	1,1 Dichloroethene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	BENZO(A)PYRENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	SODIUM	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	TRICHLOROETHENE (TCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	BENZO[K]FLUORANTHENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	chrysene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	lead	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	BENZO(B)FLUORANTHENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	cis-1,2-dichloroethene	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	MANGANESE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	indeno(1,2,3-cd)pyrene	***Waste Quantity:***	UNKNOWN
Waste Code:			

Owner Information

Seq No:	0000001	***Owner Street:***	816 Avenue I
Sub Type:	P03	***Owner Street 2:***	
Own Op:	01	***Owner City:***	Brooklyn
Owner Name:	Jay Weitzman	***Owner State:***	NY
Owner Company:	Ronit Realty LLC	***Owner Zip:***	11230
Country:	United States of America		
Seq No:	0000001	***Owner Street:***	816 Avenue I
Sub Type:	P03	***Owner Street 2:***	
Own Op:	06	***Owner City:***	Brooklyn
Owner Name:	Jay Weitzman	***Owner State:***	NY
Owner Company:	Ronit Realty LLC	***Owner Zip:***	11230
Country:	United States of America		
Seq No:	0000001	***Owner Street:***	Greenpoint Branch
Sub Type:	NNN	***Owner Street 2:***	107 Norman Avenue
Own Op:	19	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY
Owner Company:	Brooklyn Public Library	***Owner Zip:***	11211
Country:	United States of America		

HW Extra Information

Dump:	False	***Disposal Start:***	
Structure:	False	***Disposal Terminate:***	
Lagoon:	False	***Latitude:***	
Landfill:	False	***Longitude:***	
Pond:	False	***Record Added:***	2014-03-27 14:42:00
Dell:		***Record Updated:***	2015-04-22 10:44:00
Updated By:	JHOCONNE		

Projects Information

Project Code:	04	***Operable Unit ID:***	1242504
Project Desc:	Remedial Design	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2016-09-23 00:00:00	***Code Name:***	Remedial Design
End Status:	ACT		
Project Code:	05	***Operable Unit ID:***	1242504
Project Desc:	Remedial Action	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2017-12-29 00:00:00	***Code Name:***	Remedial Action
End Status:	ACT		
Project Code:	02	***Operable Unit ID:***	1242504
Project Desc:	Remedial Investigation	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2015-04-16 00:00:00	***Code Name:***	Remedial Investigation
End Status:	ACT		
Project Code:	25	***Operable Unit ID:***	1253719
Project Desc:		***Operable Unit:***	00
Project Refer Name:		***Operable Unit Desc:***	Site Management
End Date:	2017-12-29 00:00:00	***Code Name:***	Certificate of Completion
End Status:	ACT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
148	2 of 4	NE	0.29 / 1,546.92	19.51 / 10	87 Kent Avenue - (Off-Site) 56 North 9th Street (aka 87 Kent Avenue) Brooklyn NY 11249	BROWNFIELDS

Site Code:	501773	**Site Code (GIS):**	C224188A
HW Code:	C224188A	**Site Class (GIS):**	A
Site Class:	A	**Address1 (GIS):**	56 North 9th Street (aka 87 Kent Avenue)
Site Address:	56 North 9th Street (aka 87 Kent Avenue)	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11249	**ZIP Code (GIS):**	11249
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587800.60959
Acres:		**Y Coord (GIS):**	4508316.80368
Record Added:	2014-11-10 09:54:00	**Method:**	4.2
Record Update:	2018-05-23 16:13:00	**Accuracy:**	Variable
Updated by:	JHOCONNE	**Latitude (GIS):**	40.7210986844166
Latitude:	40.721099000	**Longitude (GIS):**	-73.9603950022092
Longitude:	-73.960395000		

Site Name: 87 Kent Avenue - (Off-Site)

Site Name (GIS): 87 Kent Avenue - (Off-Site)

Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Program: BCP

Program Desc: BCP

Assess DOH: Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

The area of concern subject to this work is considered off-site from BCP site C224188 and reflects the investigation and possible remediation of contamination that may have migrated from that site. This work is being carried out as provided for under the Environmental Conservation Law Section 27-1411.5. Please see C224188 for further information regarding the status of the site in the Brownfield Cleanup program. Site Location: 87 Kent Ave - Off-site is located in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site consists of the areas surrounding by 87 Kent Ave. Current Zoning and Land Use: The site is included in the M1-2/R6A mixed use district. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). Based on information collected during the investigation of C224188, The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction.

Assessment:

During the on-site Remedial Investigation for site C224188, soil and groundwater samples were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, PCBs, and pesticides. Soil vapor samples were analyzed for VOCs. Based upon the results of the RI, the primary contaminants of concern for on-site include trichloroethene (TCE) and cis-1,2-DCE. Contamination can likely be attributed to activities associated with the historic use of the site for manufacturing activities. Further investigation is needed to fully delineate the extent of off-site contamination.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Materials Information

Waste Name:	cis-1,2-dichloroethene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	trichloroethene (TCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
148	3 of 4	NE	0.29 / 1,546.92	19.51 / 10	87 Kent Avenue 56 North 9th Street (aka 87 Kent Avenue) Brooklyn NY 11249	ENG

Site Code:	492995	***Site Code (GIS):***	C224188
HW Code:	C224188	***Site Class (GIS):***	C
Site Class:	C	***Address 1 (GIS):***	56 North 9th Street (aka 87 Kent Avenue)
Control Type:	ENG	***Locality (GIS):***	Brooklyn
Program:	BCP	***Zip Code (GIS):***	11249
Program Desc:	BCP	***County (GIS):***	Kings
SWIS:	2401	***Town (GIS):***	New York City
Acres:	0.390	***Region (GIS):***	2
Site Address:	56 North 9th Street (aka 87 Kent Avenue)	***X Coord (GIS):***	587795.81618
City:	Brooklyn	***Y Coord (GIS):***	4508316.58662
ZIP:	11249	***Method:***	4.2
County:	Kings	***Accuracy:***	Variable
Region:	2	***Accuracy Unit:***	
Town:	New York City	***Latitude (GIS):***	40.7210972404264
Latitude:	40.721097556	***Longitude (GIS):***	-73.9604517802099
Longitude:	-73.960451778		
Site Name:	87 Kent Avenue		
Site Name (GIS):	87 Kent Avenue		
Address 2 (GIS):			

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Assess DOH: Remedial actions are complete and have eliminated the potential for contact with site-related contaminants on-site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site.

Description:

Site Location: The site is located at the corner of Kent Avenue and North 9th Street in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site is approximately 0.39 acres in size. The site will be used for a seven-story, mixed-use residential/commercial building, which is under development. The site is surrounded by mixed commercial and residential property uses. Current Zoning and Land Use: The site has an E-designation as part of the Greenpoint-Williamsburg Rezoning and is included in the M1-2/R6A mixed use district. The property is currently vacant. Past Use of the Site: From approximately 1980 to until 1998, the site was operated by Barouh Eaton Allen Corp., a manufacturer of typewriter ink and printer products. The building was used from 1998 to 2010 for warehousing and distribution by Lucky Paper Inc. (eastern portion), a distributor or restaurant supplies, and by LJJ, Inc. (western portion), a clothing wholesaler and distributor and from 2010 to 2012 by 200 Supplies Corp., a plumbing supplier. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the

National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction.

Assessment:

Remediation at the site is complete. Prior to remediation, the primary contaminants of concern in soil were trichloroethene, benzo(a)pyrene, chrysene and metals including mercury, copper and lead. Remedial actions have successfully achieved soil cleanup objectives for unrestrited use. Prior to remediation, the compounds exceeded groundwater standard were trichloroethene, cis-1,2-DCE and metals including mercury, copper and lead. Remedial action taken place at site removed on-Site sources and post-remedial groundwater sampling documented that the concentrations do not require further treatment or monitoring. Although chlorinated volatile organic compounds were detected in groundwater and soils during the remedial investigation, remediation at the Site consisted of removal of approximately 13,000 cubic yards of contaminated soil and approximately 5.5 million gallons of contaminated groundwater. Furthermore, the foundation of the Site building is below the water table which necessitated installation of a 60 mil thick polyethylene/rubberized asphaltic waterproofing material as part of foundation construction. No further actions are needed to address soil vapor intrusion based on post-remedial environmental data and the construction elements of the building.

Controls Information

Control Code:	13	***Record Added Date:***	2016-01-12 12:43:39.737000000
Control Name:	Vapor Mitigation	***Record Updated Date:***	2017-02-23 15:31:15.707000000
Control Type:	ENG	***Updated By:***	HRAHMED
In Place Date:	2015-08-13 00:00:00		

Control Code:	15	***Record Added Date:***	2016-01-12 12:43:39.737000000
Control Name:	Cover System	***Record Updated Date:***	2017-02-23 15:31:15.707000000
Control Type:	ENG	***Updated By:***	HRAHMED
In Place Date:	2015-08-13 00:00:00		

Materials Information

Waste Name:	MANGANESE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	BENZO(B)FLUORANTHENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	1,1 Dichloroethene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	lead	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	cis-1,2-dichloroethene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	chrysene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	indeno(1,2,3-cd)pyrene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	BENZO(A)PYRENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	SELENIUM	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	TRICHLOROETHENE (TCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	SODIUM	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	BENZO[K]FLUORANTHENE	***Waste Quantity:***	UNKNOWN

Waste Code:

Owner Information

Own Op:	06	**Owner Street:**	816 Avenue I
Seq No:	0000001	**Owner Street 2:**	
Sub Type:	P03	**Owner City:**	Brooklyn
Owner Name:	Jay Weitzman	**Owner State:**	NY
Owner Company:	Ronit Realty LLC	**Owner Zip:**	11230
Country:	United States of America		

Own Op:	19	**Owner Street:**	Greenpoint Branch
Seq No:	0000001	**Owner Street 2:**	107 Norman Avenue
Sub Type:	NNN	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Company:	Brooklyn Public Library	**Owner Zip:**	11211
Country:	United States of America		

Own Op:	01	**Owner Street:**	816 Avenue I
Seq No:	0000001	**Owner Street 2:**	
Sub Type:	P03	**Owner City:**	Brooklyn
Owner Name:	Jay Weitzman	**Owner State:**	NY
Owner Company:	Ronit Realty LLC	**Owner Zip:**	11230
Country:	United States of America		

HW Extra Information

Dump:	False	**Disposal Started:**	
Structure:	False	**Disposal Terminate:**	
Lagoon:	False	**Latitude:**	
Landfill:	False	**Longitude:**	
Pond:	False	**Record Added:**	2014-03-27 14:42:00
Dell:		**Record Updated:**	2015-04-22 10:44:00
Updated by:	JHOCONNE		

Projects Information

Project Code:	05	**Operable Unit ID:**	1242504
Project Desc:	Remedial Action	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2017-12-29 00:00:00	**Code Name:**	Remedial Action
End Status:	ACT		

Project Code:	25	**Operable Unit ID:**	1253719
Project Desc:		**Operable Unit:**	00
Project Refer Name:		**Operable Unit Desc:**	Site Management
End Date:	2017-12-29 00:00:00	**Code Name:**	Certificate of Completion
End Status:	ACT		

Project Code:	02	**Operable Unit ID:**	1242504
Project Desc:	Remedial Investigation	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2015-04-16 00:00:00	**Code Name:**	Remedial Investigation
End Status:	ACT		

Project Code:	04	**Operable Unit ID:**	1242504
Project Desc:	Remedial Design	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2016-09-23 00:00:00	**Code Name:**	Remedial Design
End Status:	ACT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
148	4 of 4	NE	0.29 / 1,546.92	19.51 / 10	87 Kent Avenue 56 North 9th Street (aka 87 Kent Avenue)	INST

Site Code:	492995	**Site Code (GIS):**	C224188
HW Code:	C224188	**Site Class (GIS):**	C
Site Class:	C	**Address 1 (GIS):**	56 North 9th Street (aka 87 Kent Avenue)
Control Type:	INST	**Locality (GIS):**	Brooklyn
Program:	BCP	**Zip Code (GIS):**	11249
Program Desc:	BCP	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Site Address:	56 North 9th Street (aka 87 Kent Avenue)	**Region (GIS):**	2
City:	Brooklyn	**X Coord (GIS):**	587795.81618
ZIP:	11249	**Y Coord (GIS):**	4508316.58662
County:	Kings	**Method:**	4.2
Region:	2	**Accuracy:**	Variable
Town:	New York City	**Latitude (GIS):**	40.7210972404264
Latitude:	40.721097556	**Longitude (GIS):**	-73.9604517802099
Longitude:	-73.960451778	**Acres:**	0.390
Site Name:	87 Kent Avenue		
Site Name (GIS):	87 Kent Avenue		
Address 2 (GIS):			

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Assess DOH: Remedial actions are complete and have eliminated the potential for contact with site-related contaminants on-site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site.

Description:

Site Location: The site is located at the corner of Kent Avenue and North 9th Street in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site is approximately 0.39 acres in size. The site will be used for a seven-story, mixed-use residential/commercial building, which is under development. The site is surrounded by mixed commercial and residential property uses. Current Zoning and Land Use: The site has an E-designation as part of the Greenpoint-Williamsburg Rezoning and is included in the M1-2/R6A mixed use district. The property is currently vacant. Past Use of the Site: From approximately 1980 to until 1998, the site was operated by Barouh Eaton Allen Corp., a manufacturer of typewriter ink and printer products. The building was used from 1998 to 2010 for warehousing and distribution by Lucky Paper Inc. (eastern portion), a distributor or restaurant supplies, and by LJJ, Inc. (western portion), a clothing wholesaler and distributor and from 2010 to 2012 by 200 Supplies Corp., a plumbing supplier. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction.

Assessment:

Remediation at the site is complete. Prior to remediation, the primary contaminants of concern in soil were trichloroethene, benzo(a)pyrene, chrysene and metals including mercury, copper and lead. Remedial actions have successfully achieved soil cleanup objectives for unrestrited use. Prior to remediation, the compounds exceeded groundwater standard were trichloroethene, cis-1,2-DCE and metals including mercury, copper and lead. Remedial action taken place at site removed on-Site sources and post-remedial groundwater sampling documented that the concentrations do not require further treatment or monitoring. Although chlorinated volatile organic compounds were detected in groundwater and soils during the remedial

investigation, remediation at the Site consisted of removal of approximately 13,000 cubic yards of contaminated soil and approximately 5.5 million gallons of contaminated groundwater. Furthermore, the foundation of the Site building is below the water table which necessitated installation of a 60 mil thick polyethylene/rubberized asphaltic waterproofing material as part of foundation construction. No further actions are needed to address soil vapor intrusion based on post-remedial environmental data and the construction elements of the building.

Controls Information

Control Code:	25	***Record Added Date:***	2016-01-12 12:43:39.737000000
Control Name:	Landuse Restriction	***Record Updated Date:***	2017-02-23 15:31:15.707000000
Control Type:	INST	***In Place Date:***	2015-08-13 00:00:00
Updated By:	HRAHMED		

Control Code:	32	***Record Added Date:***	2016-01-12 12:43:39.737000000
Control Name:	Site Management Plan	***Record Updated Date:***	2017-02-23 15:31:15.707000000
Control Type:	INST	***In Place Date:***	2015-08-13 00:00:00
Updated By:	HRAHMED		

Control Code:	33	***Record Added Date:***	2016-01-12 12:43:39.737000000
Control Name:	O&M Plan	***Record Updated Date:***	2017-02-23 15:31:15.707000000
Control Type:	INST	***In Place Date:***	2015-08-13 00:00:00
Updated By:	HRAHMED		

Control Code:	J	***Record Added Date:***	2016-01-12 12:43:39.737000000
Control Name:	Environmental Easement	***Record Updated Date:***	2017-02-23 15:31:15.707000000
Control Type:	INST	***In Place Date:***	2015-08-13 00:00:00
Updated By:	HRAHMED		

Control Code:	08	***Record Added Date:***	2016-01-12 12:43:39.737000000
Control Name:	Ground Water Use Restriction	***Record Updated Date:***	2017-02-23 15:31:15.707000000
Control Type:	INST	***In Place Date:***	2015-08-13 00:00:00
Updated By:	HRAHMED		

Materials Information

Waste Name:	BENZO(A)PYRENE	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	MANGANESE	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	indeno(1,2,3-cd)pyrene	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	BENZO[K]FLUORANTHENE	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	SELENIUM	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	cis-1,2-dichloroethene	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	1,1 Dichloroethene	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	SODIUM	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	lead	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	BENZO(B)FLUORANTHENE	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	TRICHLOROETHENE (TCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name: chrysene
Waste Code:
Waste Quantity: UNKNOWN

Owner Information

Owner Op: 01
Seq No: 0000001
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Street: 816 Avenue I
Owner Street 2:
Owner City: Brooklyn
Owner State: NY
Owner Zip: 11230
Country: United States of America

Owner Op: 19
Seq No: 0000001
Sub Type: NNN
Owner Name:
Owner Company: Brooklyn Public Library
Owner Street: Greenpoint Branch
Owner Street 2: 107 Norman Avenue
Owner City: Brooklyn
Owner State: NY
Owner Zip: 11211
Country: United States of America

Owner Op: 06
Seq No: 0000001
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Street: 816 Avenue I
Owner Street 2:
Owner City: Brooklyn
Owner State: NY
Owner Zip: 11230
Country: United States of America

HW Extra Information

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Dell:
Updated By: JHOCONNE
Disposal Start:
Disposal Terminate:
Latitude:
Longitude:
Record Added: 2014-03-27 14:42:00
Record Updated: 2015-04-22 10:44:00

Projects Information

Project Code: 02
Project Desc: Remedial Investigation
Project Refer Name:
End Date: 2015-04-16 00:00:00
End Status: ACT
Operable Unit ID: 1242504
Operable Unit: 01
Operable Unit Desc: Remedial Program
Code Name: Remedial Investigation

Project Code: 05
Project Desc: Remedial Action
Project Refer Name:
End Date: 2017-12-29 00:00:00
End Status: ACT
Operable Unit ID: 1242504
Operable Unit: 01
Operable Unit Desc: Remedial Program
Code Name: Remedial Action

Project Code: 04
Project Desc: Remedial Design
Project Refer Name:
End Date: 2016-09-23 00:00:00
End Status: ACT
Operable Unit ID: 1242504
Operable Unit: 01
Operable Unit Desc: Remedial Program
Code Name: Remedial Design

Project Code: 25
Project Desc:
Project Refer Name:
End Date: 2017-12-29 00:00:00
End Status: ACT
Operable Unit ID: 1253719
Operable Unit: 00
Operable Unit Desc: Site Management
Code Name: Certificate of Completion

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			1,706.20	39	315 BERRY ST BROOKLYN NY	

Spill No:	1706657	**Spill Date:**	2017-10-09 11:30:00
Site ID:	560979	**Rcvd Date:**	2017-10-09 11:53:00
DER Facility ID:	514602	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2017-11-22 00:00:00
SWIS Code:	2401	**Create Date:**	2017-10-09 11:55:00
Contribute Factor:	Tank Test Failure	**Update Date:**	2017-11-22 10:33:50.030000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	TJDEMEO
Class:	C4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

no release, tank test failure

DEC Remark:

10/10/17-Zhune spoke to Victoria from Protest Environmental. Victoria said the tank failed the test with a dry leak. It's a wrapped tank on concrete with Manhole issue. Protest gave a proposal to the management company to fix the manhole. 10/10/17-TFT letter sent to: Mr.Richard Herbst 315 Berry Street Corporation 5014 16 Avenue Suit 268 Brooklyn NY 11204 11/22/17 TJD File review. ProTest Environmental has submitted a closure report for this spill. On 10/9/17 a 5K #2 FO AST failed tightness test. On October 26th, contractor returned to site and isolated tank and lines - Technicians first replaced and re-bolted the manway cover. Further testing revealed a small wet leak previously masked by the loader dry leak. Technician inspected a lines and tightened a compression fitting on petrometer line. Upon completion above described repairs the tank system was retested with passing test results. Contractor reports no visible contamination was observed. Based upon the information provided there is no further action required. All documentation uploaded to DECDOCS. Spill closed.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	315 BERRY ST CORP	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	RICHIE
Spiller City:		**Contact Phone:**	(718) 435-6860
Spiller State:	NY	**Contact Ext:**	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1308966	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	2315999	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:		**Med Subway:**	False
Units:		**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
150	1 of 1	S	0.33 / 1,760.40	39.26 / 30	373 WYTHE AVENUE 373 WYTHE AVE BROOKLYN NY	LST

Spill No:	8801453	**Spill Date:**	1988-05-17 11:00:00
Site ID:	95365	**Rcvd Date:**	1988-05-17 13:17:00
DER Facility ID:	85302	**CAC Date:**	1994-03-04 00:00:00
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	1994-03-04 00:00:00
SWIS Code:	2401	**Create Date:**	1988-05-19 00:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contribute Factor:	Tank Test Failure	**Update Date:**	2005-08-18 15:03:35.590000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	BATTISTA
Class:	C4	**Reported by:**	Tank Tester
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

5K TANK, L R = UNDETERMINABLE, THEY COULDN'T MAINTAIN LEVEL IN STAND PIPE. INIT PETRO-TITE SYSTEM. 7/19 : RETEST L R = -0.219 GPH. NO ACTION. 8/18/05-Vought-Found letter from Tank Testing Inc (718-789-3770) dated 11/5/93. loos and or weak connections at the top of the tank were discovered and repaired. No evidence of oil leakage during normal operations. Tank was retested and passed.

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	11211
Spiller Company:	MARIO FIFCHERA(CONTACT)	**Spiller Country:**	001
Spiller Address:	373 WYTHE AV	**Contact Name:**	
Spiller City:	BROOKLYN	**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.711954240		
Longitude:	-73.966120500		

Material Information

OP Unit ID:	916933	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	460600	**Med GW:**	True
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	-1.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

Tank Test Information

Spill Tank ID:	1533911	**Source:**	
Tank No:		**Leak Rate:**	.00
Tank SIze:	0	**Gross Fail:**	
Material:	0001	**Modified by:**	Spills
EPA UST:		**Last Modified:**	2004-10-01 04:00:45.140000000
UST:		**Test Method:**	00
Cause:		**Alt Test Method:**	Unknown

151	1 of 4	E	0.33 / 1,762.99	31.30 / 22	ALL PLATING CORP. 154 NORTH 7TH STREET BROOKLYN NY 11211	CERCLIS

Site ID:	0204153	**RNPL Status Code:**	N
Site EPA ID:	NYD001384072	**NPL Status:**	Not on the NPL
Site Street Address 2:		**RFED Facility Code:**	N
Site County Name:	KINGS	**RFED Facility Desc:**	Not a Federal Facility
Site FIPS Code:	36047	**USGS Hydro Unit No.:**	
Region Code:	02	**Site Cong. Dist. Code:**	12
Site SMSA No.:		**ROT Desc:**	
Site Prim. Latitude:	40D71M74S	**FR NPL Update No.:**	
Site Prim. Longitude:	073D95M85S	**RFRA Code:**	
Lat Long Source:			

RNON NPL Status Desc: Removal Only Site (No Site Assessment Work Needed)

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	
Act Code ID:		**Act Start Date:**	
RAT Code:		**Act Complete Date:**	
RAT Short Name:		**AGT Order No.:**	0
RAT Name:		**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:		**SH Seq:**	
RAT Level:		**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:			
RAT Def:			
Site Desc:	NYC Dept. of Environmental Protection responded to odor complaints, issued notice letters to which there was no action by the owner. The site which is non-operational, contains acids, cyanides in open vats, tanks, etc. Preliminary assessment indicates s		
Site Alias:	No alias data available		

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	2/18/1998 00:00:00
RAT Code:	RS	**Act Complete Date:**	8/10/1998 00:00:00
RAT Short Name:	RV ASSESS	**AGT Order No.:**	30
RAT Name:	REMOVAL ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	V	**SH Lead:**	
SPA Code:	08		
RAT Def:	Collecting site characteristics to determine whether or not a removal must be performed.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA In-House
Act Code ID:	001	**Act Start Date:**	
RAT Code:	VS	**Act Complete Date:**	4/11/2005 00:00:00
RAT Short Name:	ARCH SITE	**AGT Order No.:**	1500
RAT Name:	ARCHIVE SITE	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		
RAT Def:	The decision is made that no further activity is planned at the site.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	10/13/1998 00:00:00
RAT Code:	AR	**Act Complete Date:**	3/7/2005 00:00:00
RAT Short Name:	ADMM REC	**AGT Order No.:**	580
RAT Name:	ADMINISTRATIVE RECORDS	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	

RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: SARA specifies that administrative records be compiled at Superfund sites where remedial or removal responses are planned, or are occurring, or where EPA is issuing a unilateral order or initiating litigation to track enforcement case budget funds used for any RP lead activity.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	8/26/1998 00:00:00
RAT Code:	RV	**Act Complete Date:**	11/4/1998 00:00:00
RAT Short Name:	RMVL	**AGT Order No.:**	70
RAT Name:	REMOVAL	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	V	**SH Lead:**	
SPA Code:	08		

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).

Site Desc:
Site Alias:

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154 NORTH 7TH STREET
BROOKLYN NY 11211 | ***CERCLIS NFRAP***

Site ID:	204153	**Site FIPS Code:**	36047
Site EPA ID:	NYD001384072	**Region Code:**	2
Site Parent ID:		**Site Cong. Dist. Code:**	12
Site County Name:	KINGS	**Federal Facility:**	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	2/18/1998
Act Code ID:	1	**Act Complete Date:**	8/10/1998
RAT Code:	RS	**AGT Order No.:**	30
RAT Short Name:	RV ASSESS	**SH OU:**	
RAT Name:	REMOVAL ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	V	**SH Qual:**	
SPA Code:	08	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N

RAT Def: Collecting site characteristics to determine whether or not a removal must be performed.
RNON NPL Status Desc: Removal Only Site (No Site Assessment Work Needed)

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	4/11/2005
RAT Code:	VS	**AGT Order No.:**	1500
RAT Short Name:	ARCH SITE	**SH OU:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RAT Name:	ARCHIVE SITE	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA In-House	**RNPL Status Code:**	N
RAT Def:	The decision is made that no further activity is planned at the site.		
RNON NPL Status Desc:	Removal Only Site (No Site Assessment Work Needed)		

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	8/26/1998
Act Code ID:	1	**Act Complete Date:**	11/4/1998
RAT Code:	RV	**AGT Order No.:**	70
RAT Short Name:	RMVL	**SH OU:**	
RAT Name:	REMOVAL	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	V	**SH Qual:**	
SPA Code:	08	**RAQ Act. Qual Short:**	Cleaned Up
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N
RAT Def:	Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).		
RNON NPL Status Desc:	Removal Only Site (No Site Assessment Work Needed)		

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	10/13/1998
Act Code ID:	1	**Act Complete Date:**	3/7/2005
RAT Code:	AR	**AGT Order No.:**	580
RAT Short Name:	ADMM REC	**SH OU:**	
RAT Name:	ADMINISTRATIVE RECORDS	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	Removal AR
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N
RAT Def:	SARA specifies that administrative records be compiled at Superfund sites where remedial or removal responses are planned, or are occurring, or where EPA is issuing a unilateral order or initiating litigation to track enforcement case budget funds used for any RP lead activity.		
RNON NPL Status Desc:	Removal Only Site (No Site Assessment Work Needed)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
151	3 of 4	E	0.33 / 1,762.99	31.30 / 22	154-158 NORTH 7TH ST/BKLY 154-158 NORTH 7TH STREET BROOKLYN NY	LST

Spill No:	8909928	**Spill Date:**	1990-01-16 15:45:00
Site ID:	219940	**Rcvd Date:**	1990-01-16 16:22:00
DER Facility ID:	181901	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2008-06-18 00:00:00
SWIS Code:	2401	**Create Date:**	1990-01-23 00:00:00
Contribute Factor:	Tank Test Failure	**Update Date:**	2008-06-18 14:53:41.180000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	BKFALVEY
Class:	C3	**Reported by:**	Tank Tester

Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

3K TANK FAILED PETRO TITE WITH A LEAK RATE OF -.161GPH.

DEC Remark:

Tank test failure. PBS file shows tank in service, but next tank tes due prior to the date of this spill. PBS registration expired in 2000. Need to follow up. 9/22/06 left message for attorney found on deed to contact Williamsburgh Square LLC (new owner as of 2003). address:154 N. 7th St., Brooklyn 11211. deed had no individual's name (only corporation). bf 4/30/08 Sent Old TTF letter to: Jerry Lebedowicz Williamsburg Square LLC 52-47 Browvale Lane Little Neck, NY 11362 Address obtained from tank closure application. bf 5/2/08 Received message from J. Lebedowitz to call him back. bf 5/5/089 Received call from J. Lebedowitz tank was closed. Athena Environmental sampled after tank was removed. bf 6/18/08 Yesterday, recieved message from Spiro of (Name not clear) Environmental Services. He requested call back to (718)784-7490. I called the number today, but number is not in service at this time and no further informatuion is available. Review of PBS file shows tank was closed in 2008. They should have closure report. Called Jerry Lebedowicz and left message to call me back. His number (from PBS application) is (718)784-7490. Mr. lebedowicz hand-delivered sampling results from Athenica Environmental Services. One contaminant was above soil clean-up objectives to protect gw quality: chrysene (690 ppb) in sample B-3. Faxed nfa letter to Mr. Lebedowicz. Fax: (718)229-7111. Also mailed letter to him at address above. NFA. bf

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:		**Spiller Country:**	001
Spiller Address:		**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.718044710		
Longitude:	-73.958188340		

Material Information

OP Unit ID:	936938	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	443066	**Med GW:**	True
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	-1.00	**Med Subway:**	False
Units:		**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

Tank Test Information

Spill Tank ID:	1536688	**Source:**	
Tank No:		**Leak Rate:**	.00
Tank SIze:	0	**Gross Fail:**	
Material:	0001	**Modified by:**	Spills
EPA UST:		**Last Modified:**	2004-10-01 04:00:45.140000000
UST:		**Test Method:**	00
Cause:		**Alt Test Method:**	Unknown

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
151	4 of 4	E	0.33 / 1,762.99	31.30 / 22	ALL PLATING CORP. 154 NORTH 7TH STREET BROOKLYN NY 11211	SEMS ARCHIVE

Site ID:	0204153	**FIPS Code:**	36047
EPA ID:	NYD001384072	**Cong District:**	12
NPL:	Not on the NPL	**Region:**	02
Federal Facility:	No	**County:**	KINGS
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)		

Action Information

Operable Units:	00	***Start Actual:***	
Action Code:	VS	***Finish Actual:***	04/11/2005
Action Name:	ARCH SITE	***Qual:***	
SEQ:	1	***Curr Action Lead:***	EPA Perf In-Hse
Operable Units:	00	***Start Actual:***	02/18/1998
Action Code:	RS	***Finish Actual:***	08/10/1998
Action Name:	RV ASSESS	***Qual:***	
SEQ:	1	***Curr Action Lead:***	EPA Perf
Operable Units:	00	***Start Actual:***	10/13/1998
Action Code:	AR	***Finish Actual:***	03/07/2005
Action Name:	ADMIN REC	***Qual:***	V
SEQ:	1	***Curr Action Lead:***	EPA Perf
Operable Units:	00	***Start Actual:***	08/26/1998
Action Code:	RV	***Finish Actual:***	11/04/1998
Action Name:	RMVL	***Qual:***	C
SEQ:	1	***Curr Action Lead:***	EPA Perf

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152 ***1 of 1*** ***ENE*** ***0.35 / 1,845.86*** ***26.47 / 17*** ***BAROUH EATON CORP***
67 KENT AVENUE
BROOKLYN NY ***LST***

Spill No:	9908120	***Spill Date:***	1999-10-04 15:30:00
Site ID:	305030	***Rcvd Date:***	1999-10-04 15:46:00
DER Facility ID:	246397	***CAC Date:***	
CID:	323	***Insp Date:***	
Program Type:	ER	***Close Date:***	2003-05-06 00:00:00
SWIS Code:	2401	***Create Date:***	1999-10-04 00:00:00
Contribute Factor:	Tank Overfill	***Update Date:***	2003-05-06 00:00:00
Water Body:		***DEC Region:***	2
Source:	Non Major Facility > 1,100 gal	***Lead DEC:***	SIGONA
Class:	B1	***Reported by:***	Fire Department
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

OIL MIXED WITH WATER ON THE STREET. FD ON SCENE. APPROX. 5-10 GALLONS IN THE SEWER.

DEC Remark:

Spiller Information

Spiller Name:	KATHLEN CICCHETTI	***Spiller Zip:***	11211-
Spiller Company:	BAROUH EATON ALLEN CORP	***Spiller Country:***	001
Spiller Address:	67 KENT AVENUE	***Contact Name:***	RICARDO RODRIGO
Spiller City:	BROOKLYN	***Contact Phone:***	(718) 782-2601
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.721889100		
Longitude:	-73.959939980		

Material Information

OP Unit ID:	1082409	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	300802	***Med GW:***	False
Material Code:	0001A	***Med SW:***	False
Material Name:	#2 fuel oil	***Med DW:***	False

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CAS No:		**Med Sewer:**	True
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	10.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	5.00	**Oxygenate:**	
Med Soil:	False		

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153 | **1 of 1** | **ENE** | **0.35 / 1,866.60** | **32.18 / 23** | **COMMERCIAL BUILDING**
93 NORTH 9TH STREET
BROOKLYN NY | **LST**

Spill No:	9913062	**Spill Date:**	2000-02-16 14:00:00
Site ID:	275967	**Rcvd Date:**	2000-02-16 15:34:00
DER Facility ID:	224362	**CAC Date:**	
CID:	282	**Insp Date:**	
Program Type:	ER	**Close Date:**	2005-06-21 00:00:00
SWIS Code:	2401	**Create Date:**	2000-02-16 00:00:00
Contribute Factor:	Tank Test Failure	**Update Date:**	2005-06-21 16:01:25.153000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	JEDURNIN
Class:	B3	**Reported by:**	Tank Tester
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

tank failed the test.

DEC Remark:

04/24/2000: Tank was re-tested on 04/06/2000 and passed the test. Report was received on 04/24/2000. All piping was replace. pyh 07/11/2001 TANK REMOVED DURING RENOVATIONS (SEE SPILL# 0103335, same site) 01/26/04: Reassigned from Rommel to Austin 02/17/04: Reassigned from AUSTIN to KRIMGOLD. Based on the above information (tank passed test, replaced piping, tank removed) this site is closed. John Durnin 6/21/2005

Spiller Information

Spiller Name:	MYRON CUTLER	**Spiller Zip:**	
Spiller Company:	COMMERCIAL BUILDING	**Spiller Country:**	001
Spiller Address:	93 NORTH 9TH STREET	**Contact Name:**	MYRON CUTLER
Spiller City:	BROOKLYN	**Contact Phone:**	(718) 388-3133
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.720419370		
Longitude:	-73.958790680		

Material Information

OP Unit ID:	1087599	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	294921	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

Tank Test Information

Spill Tank ID:	1548057	**Source:**	
Tank No:	1	**Leak Rate:**	.00
Tank SIze:	1080	**Gross Fail:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Material:	0001	**Modified by:**	Spills
EPA UST:		**Last Modified:**	2004-10-01 04:00:45.140000000
UST:		**Test Method:**	03
Cause:		**Alt Test Method:**	Horner EZ Check I or II

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154 | **1 of 1** | **W** | **0.36 / 1,874.82** | **0.00 / -9** | **East River Park Compost Yard**
east river park; jackson street at FDR
NEW YORK NY 10002 | **SWF/LF**

Active:	No	**Owner Address:**	
Activity No:	[31C22]	**Owner Addr2:**	
Regltry Status:		**Owner City:**	
Accuracy Code:		**Owner State:**	
Auth No:		**Owner ZIP:**	
Auth Issue Dt:		**Owner Email:**	oreinc@earthlink.net
Operator Name:		**Owner Phone:**	2124774022
Operator Type:		**Contact Name:**	
Expiration Date:		**Contact Addr:**	
Region:	2	**Contact Addr2:**	
County:	New York	**Contact City:**	
East Coord:	111111	**Contact State:**	
North Coord:	111111	**Contact ZIP:**	
Phone No:	2124774022	**Contact Email:**	
Owner Name:	CHRISTINE Datz-Romero	**Contact Phone:**	
Owner Type:	Private		
Date of Last Inspection:			
Activity Desc:	Composting/other processing - biosolids/other		
Waste Types:			

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155 | **1 of 1** | **E** | **0.37 / 1,942.79** | **33.00 / 24** | **174 BEDFORD AVE/BKLYN**
174 BEDFORD AVENUE
NEW YORK CITY NY | **LST**

Spill No:	9008726	**Spill Date:**	1990-11-08 18:30:00
Site ID:	308285	**Rcvd Date:**	1990-11-08 18:50:00
DER Facility ID:	248975	**CAC Date:**	1990-11-08 00:00:00
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	1990-11-08 00:00:00
SWIS Code:	2401	**Create Date:**	1991-01-07 00:00:00
Contribute Factor:	Tank Failure	**Update Date:**	2004-09-30 21:28:29.950000000
Water Body:		**DEC Region:**	2
Source:	Private Dwelling	**Lead DEC:**	TOMASELLO
Class:		**Reported by:**	Responsible Party
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

OIL TANK IN BASEMENT LEAKED,SLUDGE IN BOTTOM OF TANK IS STOPPING LEAK,SPEEDY DRY APPLIED, WILL FIX TOMORROW.

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	CHARLESTON BLDG	**Spiller Country:**	001
Spiller Address:		**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.732715130		
Longitude:	-74.005696230		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Material Information

OP Unit ID:	949344	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	562077	***Med GW:***	False
Material Code:	0001A	***Med SW:***	False
Material Name:	#2 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	1.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

156	*1 of 1*	*E*	*0.37 / 1,949.03*	*33.00 / 24*	***172 BEDFORD AVE/BKLYN*** ***172 BEDFORD AVENUE*** ***NEW YORK CITY NY***	***LST***

Spill No:	9006489	***Spill Date:***	1990-09-13 09:30:00
Site ID:	301817	***Rcvd Date:***	1990-09-13 10:25:00
DER Facility ID:	243885	***CAC Date:***	1995-05-25 00:00:00
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	1995-05-25 00:00:00
SWIS Code:	2401	***Create Date:***	1990-09-20 00:00:00
Contribute Factor:	Tank Failure	***Update Date:***	1995-05-25 00:00:00
Water Body:		***DEC Region:***	2
Source:	Private Dwelling	***Lead DEC:***	WILSON
Class:	C3	***Reported by:***	Other
Meets Std:	True	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

(2) 275 GAL TANKS MANIFOLDED, (1) TANK LEAKING, SPEEDY DRY APPLIED, ABC TANK WILL REPAIR OR REPLACE TANK.

DEC Remark:

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:		***Spiller Country:***	001
Spiller Address:		***Contact Name:***	
Spiller City:		***Contact Phone:***	
Spiller State:	ZZ	***Contact Ext:***	
Latitude:	40.732688000		
Longitude:	-74.005684790		

Material Information

OP Unit ID:	943984	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	433946	***Med GW:***	False
Material Code:	0001A	***Med SW:***	False
Material Name:	#2 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	2.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

157	*1 of 1*	*E*	*0.37 / 1,966.25*	*29.27 / 20*	***187 BEDFORD AVE - TTF*** ***187 BEDFORD AVENUE***	***LST***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					BROOKLYN NY 11211	

Spill No:	0307525	**Spill Date:**	2003-10-16 14:00:00
Site ID:	147917	**Rcvd Date:**	2003-10-16 14:10:00
DER Facility ID:	29992	**CAC Date:**	
CID:	428	**Insp Date:**	
Program Type:	ER	**Close Date:**	2015-03-24 00:00:00
SWIS Code:	2401	**Create Date:**	2003-10-16 00:00:00
Contribute Factor:	Tank Test Failure	**Update Date:**	2015-03-24 14:25:49.387000000
Water Body:		**DEC Region:**	2
Source:	Private Dwelling	**Lead DEC:**	HRPATEL
Class:	D4	**Reported by:**	Tank Tester
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO TTF letter sent to Mr. Wersocki at 187 Bedford Ave Bklyn 11211 12/3/05: CBN Called Alex Wersocki (718) 963-2659 and left a message for hm to call me back, but haven't heard from him yet. 12/1/08 bf: Sent ttf old spill letter to: Alexander Wersocki 187 Bedford Avenue Brooklyn, NY 11211 10/14/14-Hiralkumar Patel. reviewed available information for DEC DeMeo. alternate address: none no other spills found. PBS #: 2-608263. as per PBS record, the site has one 2,000 gal #2 oil UST, in-service, installed in Jun. 1983. as per documents available on PBS database, the tank system was found tight during test on 11/26/2008 and 01/31/2014. Alexander Wersocki **property owner** 187 Bedford Avenue Brooklyn, NY 11211 PH. (718) 963-2659 (646) 287-6165 email: dg.nycbdrs@gmail.com 2/12/15 TJD Spill reassigned from DeMeo to Patel 03/24/15-Hiralkumar Patel. 10:35 AM:- went to site for inspection, but no one was available to provide access to the basement. found a color coded fill port and vent pipe by the building wall, at the southeast corner of the building (adjacent to building 189 Bedford Ave). 10:43 AM:- spoke with Mr. Wersocki. he mentioned that he doesn't remember the actual cause of test failure in 2003, but the tank system was tested tight after 2003. he confirmed no spill inside building. 10:47 AM:- spoke with Richard (917-647-6475), who maintains the boiler system at the site. he confirmed that the site has an underground tank which was found tight during recent testing. he also confirmed no signs of oil spill within building. in accordance with R2 TTF closure protocol, this spill is being closed due to no indication of a current release, no information indicating that there may have been a historical release, no information that this tank test failure will be an issue in the future and the tank system was found tight during subsequent testing.

Spiller Information

Spiller Name:	ALEX WEROCKI	**Spiller Zip:**	
Spiller Company:		**Spiller Country:**	001
Spiller Address:	187 BEDFORD AVE	**Contact Name:**	ALEX WEROCKI
Spiller City:	BROOKLYN	**Contact Phone:**	(646) 87 -6165
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.717457960		
Longitude:	-73.958055410		

Material Information

OP Unit ID:	873923	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	501052	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
158	1 of 4	NE	0.37 / 1,969.47	14.52 / 5	BUG, Peoples Works Kent Ave. Brooklyn 11211 NY	HSWDS

Reg Site ID:	N	**VOCs:**	No
Site No:	HS2016	**Semi VOCs:**	Unknown
EPA ID:	NYD980532105	**PCBs:**	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Is Site Active?:	Unknown	**Pesticides:**	No
Registry:	N	**Metals:**	No
Years of Operation:	1871 to 1895	**Asbestos:**	No
RCRA:	Unknown	**County:**	Kings
HRS Score:	U	**Region:**	2
HRS Date:	U	**Latitude:**	40 43'20"N
Acres:	0.00	**Longitude:**	73 57'35"W
Site Code:	2A	**Quadrangle:**	U

Site Code Desc: Coal Gasification Plant
Owner: Publ Utily
Owner Name: Formerly BUG Company
Owner Address: 195 Montague Street
Brooklyn NY 11201
Owner Telephone: (718)403-3053
Operator: U
Operator Name: U
Operator Address: U
Operator Telephone: U
Completed Investigation: PA
Samples Collected: None
Threat to Env/Public Health?: E
Surface Water Contamination?: Unknown
Groundwater Contamination?: Unknown
Drinking Water Contam?: Unknown
Surface Water Class: U
Groundwater Class: U
Active Drinking Water Supply?: No
Hazard Substance Exposed?: Unknown
Controlled Site Access?: Unknown
Ambient Air Contamination?: U
Threat of Direct Contact?: Unknown
Doc Fish/Wildlife Mortality?: Unknown
Impact on Special Status?: Unknown
TCLP:
Surface Water:
Groundwater:
Drinking Water:
Fish or Wildlife Mortality:
Fish or Wildlife Resource:
Building:
Hazard Substance Disposed: Suspected hydrocarbon tars (benzene, pyridene, cresols, toluene, naphthalene, hydrogen sulfide, phenol)
Air:
Surface Water:
Surface Soil:
Waste:
EP Toxicity:
Groundwater:
Sediment:
Subsurface Soil:
Leachate:
Regulatory Agencies Involved: NYSDEC, CERCLA 103c
Preparer: Julie Welch
EnvEngrTech1
May 27, 1994
Nominated by:
Describe the Site: A former coal-gasification plant was purchased by BUG Co. During the operations as a CG plant, a hydrocarbon tar was produced and stored on
site until sold for use in roofing or road surfacing. The plant was decommissioned in 1895, all remaining tars were reportedly removed and the facility was razed. Ownership and use of the property since 1895 is unknown.
Describe the Threat:

The soil is possibly contaminated with trace amounts of hydrocarbon tar. (impact probably reduced due to time and excavation of soils) Leachate into groundwater is not a major concern because area groundwater is not a potable supply.

158	2 of 4	NE	0.37 / 1,969.47	14.52 / 5	BUG, Peoples Works Kent Ave. Brooklyn 11211	HSWDS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					NY	

Reg Site ID:	N	**VOCs:**	No
Site No:		**Semi VOCs:**	Unknown
EPA ID:	NYD980532105	**PCBs:**	No
Is Site Active?:	Unknown	**Pesticides:**	No
Registry:	N	**Metals:**	No
Years of Operation:	1871 to 1895	**Asbestos:**	No
RCRA:	Unknown	**County:**	Kings
HRS Score:	U	**Region:**	2
HRS Date:	U	**Latitude:**	40 43'20"N
Acres:	0.00	**Longitude:**	73 57'35"W
Site Code:	2A	**Quadrangle:**	U

Site Code Desc: Coal Gasification Plant
Owner: Publ Utily
Owner Name: Formerly BUG Company
Owner Address: 195 Montague Street
Brooklyn NY 11201
Owner Telephone: (718)403-3053
Operator: U
Operator Name: U
Operator Address: U
Operator Telephone: U
Completed Investigation: PA
Samples Collected: None
Threat to Env/Public Health?: E
Surface Water Contamination?: Unknown
Groundwater Contamination?: Unknown
Drinking Water Contam?: Unknown
Surface Water Class: U
Groundwater Class: U
Active Drinking Water Supply?: No
Hazard Substance Exposed?: Unknown
Controlled Site Access?: Unknown
Ambient Air Contamination?: U
Threat of Direct Contact?: Unknown
Doc Fish/Wildlife Mortality?: Unknown
Impact on Special Status?: Unknown
TCLP:
Surface Water:
Groundwater:
Drinking Water:
Fish or Wildlife Mortality:
Fish or Wildlife Resource:
Building:
Hazard Substance Disposed: Suspected hydrocarbon tars (benzene, pyridene, cresols, toluene, naphthalene, hydrogen sulfide, phenol)
Air:
Surface Water:
Surface Soil:
Waste:
EP Toxicity:
Groundwater:
Sediment:
Subsurface Soil:
Leachate:
Regulatory Agencies Involved: NYSDEC, CERCLA 103c
Preparer: Julie Welch
EnvEngrTech1
May 27, 1994
Nominated by:
Describe the Site: A former coal-gasification plant was purchased by BUG Co. During the operations as a CG plant, a hydrocarbon tar was produced and stored on site until
sold for use in roofing or road surfacing. The plant was decommissioned in 1895, all remaining tars were reportedly removed and the facility was razed.
Ownership and use of the property since 1895 is unknown.
Describe the Threat:

The soil is possibly contaminated with trace amounts of hydrocarbon tar. (impact probably reduced due to time and excavation of soils) Leachate into groundwater is not a major concern because area groundwater is not a potable supply.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
158	3 of 4	NE	0.37 / 1,969.47	14.52 / 5	BUG, Peoples Works Kent Ave. Brooklyn 11211 NY	HSWDS

Reg Site ID:	N	**VOCs:**	No
Site No:	HS2016	**Semi VOCs:**	Unknown
EPA ID:	NYD980532105	**PCBs:**	No
Is Site Active?:	Unknown	**Pesticides:**	No
Registry:	N	**Metals:**	No
Years of Operation:	1871 to 1895	**Asbestos:**	No
RCRA:	Unknown	**County:**	Kings
HRS Score:	U	**Region:**	2
HRS Date:	U	**Latitude:**	40 43'20"N
Acres:	0.00	**Longitude:**	73 57'35"W
Site Code:	2A	**Quadrangle:**	U

Site Code Desc: Coal Gasification Plant
Owner: Publ Utily
Owner Name: Formerly BUG Company
Owner Address: 195 Montague Street
Brooklyn NY 11201
Owner Telephone: (718)403-3053
Operator: U
Operator Name: U
Operator Address: U
Operator Telephone: U
Completed Investigation: PA
Samples Collected: None
Threat to Env/Public Health?: E
Surface Water Contamination?: Unknown
Groundwater Contamination?: Unknown
Drinking Water Contam?: Unknown
Surface Water Class: U
Groundwater Class: U
Active Drinking Water Supply?: No
Hazard Substance Exposed?: Unknown
Controlled Site Access?: Unknown
Ambient Air Contamination?: U
Threat of Direct Contact?: Unknown
Doc Fish/Wildlife Mortality?: Unknown
Impact on Special Status?: Unknown
TCLP:
Surface Water:
Groundwater:
Drinking Water:
Fish or Wildlife Mortality:
Fish or Wildlife Resource:
Building:
Hazard Substance Disposed: Suspected hydrocarbon tars (benzene, pyridene, cresols, toluene, naphthalene, hydrogen sulfide, phenol)
Air:
Surface Water:
Surface Soil:
Waste:
EP Toxicity:
Groundwater:
Sediment:
Subsurface Soil:
Leachate:
Regulatory Agencies Involved: NYSDEC, CERCLA 103c
Preparer: Julie Welch
EnvEngrTech1
May 27, 1994
Nominated by:
Describe the Site: A former coal-gasification plant was purchased by BUG Co. During the operations as a CG plant, a hydrocarbon tar was produced and stored on site until sold for use in roofing or road surfacing. The plant was decommissioned in 1895, all remaining tars were reportedly removed and the facility was razed. Ownership and use of the property since 1895 is unknown.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Describe the Threat:

The soil is possibly contaminated with trace amounts of hydrocarbon tar. (impact probably reduced due to time and excavation of soils) Leachate into groundwater is not a major concern because area groundwater is not a potable supply.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
158	4 of 4	NE	0.37 / 1,969.47	14.52 / 5	BUG, Peoples Works Kent Ave. Brooklyn 11211 NY	HSWDS

Reg Site ID:	N	***VOCs:***	No
Site No:	HS2016	***Semi VOCs:***	Unknown
EPA ID:	NYD980532105	***PCBs:***	No
Is Site Active?:	Unknown	***Pesticides:***	No
Registry:	N	***Metals:***	No
Years of Operation:	1871 to 1895	***Asbestos:***	No
RCRA:	Unknown	***County:***	Kings
HRS Score:	U	***Region:***	2
HRS Date:	U	***Latitude:***	40 43'20"N
Acres:	0.00	***Longitude:***	73 57'35"W
Site Code:	2A	***Quadrangle:***	U

Site Code Desc:	Coal Gasification Plant
Owner:	Publ Utily
Owner Name:	Formerly BUG Company
Owner Address:	195 Montague Street Brooklyn NY 11201
Owner Telephone:	(718)403-3053
Operator:	U
Operator Name:	U
Operator Address:	U
Operator Telephone:	U
Completed Investigation:	PA
Samples Collected:	None
Threat to Env/Public Health?:	E
Surface Water Contamination?:	Unknown
Groundwater Contamination?:	Unknown
Drinking Water Contam?:	Unknown
Surface Water Class:	U
Groundwater Class:	U
Active Drinking Water Supply?:	No
Hazard Substance Exposed?:	Unknown
Controlled Site Access?:	Unknown
Ambient Air Contamination?:	U
Threat of Direct Contact?:	Unknown
Doc Fish/Wildlife Mortality?:	Unknown
Impact on Special Status?:	Unknown
TCLP:	
Surface Water:	
Groundwater:	
Drinking Water:	
Fish or Wildlife Mortality:	
Fish or Wildlife Resource:	
Building:	
Hazard Substance Disposed:	Suspected hydrocarbon tars (benzene, pyridene, cresols, toluene, naphthalene, hydrogen sulfide, phenol)
Air:	
Surface Water:	
Surface Soil:	
Waste:	
EP Toxicity:	
Groundwater:	
Sediment:	
Subsurface Soil:	
Leachate:	
Regulatory Agencies Involved:	NYSDEC, CERCLA 103c
Preparer:	Julie Welch EnvEngrTech1 May 27, 1994

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Nominated by:
Describe the Site: A former coal-gasification plant was purchased by BUG Co. During the operations as a CG plant, a hydrocarbon tar was produced and stored on site until
sold for use in roofing or road surfacing. The plant was decommissioned in 1895, all remaining tars were reportedly removed and the facility was razed.
Ownership and use of the property since 1895 is unknown.

Describe the Threat:

The soil is possibly contaminated with trace amounts of hydrocarbon tar. (impact probably reduced due to time and excavation of soils) Leachate into groundwater is not a major concern because area groundwater is not a potable supply.

159	1 of 3	NE	0.37 / 1,978.33	14.52 / 5	BKLYN UNION GAS /PEOPLES WORKS KENT AVE S 10TH & 11TH STS BROOKLYN NY 11211	CERCLIS

Site ID:	0201986	***RNPL Status Code:***	N
Site EPA ID:	NYD980532105	***NPL Status:***	Not on the NPL
Site Street Address 2:		***RFED Facility Code:***	N
Site County Name:	KINGS	***RFED Facility Desc:***	Not a Federal Facility
Site FIPS Code:	36047	***USGS Hydro Unit No.:***	02030201
Region Code:	02	***Site Cong. Dist. Code:***	14
Site SMSA No.:	5600	***ROT Desc:***	Other
Site Prim. Latitude:	40D43M20S	***FR NPL Update No.:***	
Site Prim. Longitude:	073D57M35S	***RFRA Code:***	
Lat Long Source:			

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	9/5/1986 00:00:00
RAT Code:	PA	***Act Complete Date:***	9/24/1986 00:00:00
RAT Short Name:	PA	***AGT Order No.:***	130
RAT Name:	PRELIMINARY ASSESSMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	DS	***Act Complete Date:***	6/1/1981 00:00:00
RAT Short Name:	DISCVRY	***AGT Order No.:***	10
RAT Name:	DISCOVERY	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

Site Desc:
Site Alias:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	
Act Code ID:		***Act Start Date:***	
RAT Code:		***Act Complete Date:***	
RAT Short Name:		***AGT Order No.:***	0
RAT Name:		***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:		***SH Seq:***	
RAT Level:		***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:			
RAT Def:			
Site Desc:	ONE OF BY-PRODUCTS PRODUCED DURING PLTS OPER YEARS WAS HYDROCARBON TAR WHICH WAS STORED ON SITE UNTIL SOLD. ACCORD TO B.U.G. WHEN PLT DECOMMISSIOND IN 1985 ALL REMAING TARS WERE REMOVED AND FACILITY WAS RAZED.		
	.		
Site Alias:	No alias data available		

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA In-House
Act Code ID:	001	***Act Start Date:***	
RAT Code:	VS	***Act Complete Date:***	9/24/1986 00:00:00
RAT Short Name:	ARCH SITE	***AGT Order No.:***	1500
RAT Name:	ARCHIVE SITE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		
RAT Def:	The decision is made that no further activity is planned at the site.		
Site Desc:			
Site Alias:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
159	2 of 3	NE	0.37 / 1,978.33	14.52 / 5	***BKLYN UNION GAS /PEOPLES WORKS*** ***KENT AVE S 10TH & 11TH STS*** ***BROOKLYN NY 11211***	***CERCLIS NFRAP***

Site ID:	201986	***Site FIPS Code:***	36047
Site EPA ID:	NYD980532105	***Region Code:***	2
Site Parent ID:		***Site Cong. Dist. Code:***	14
Site County Name:	KINGS	***Federal Facility:***	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	
Act Code ID:	1	***Act Complete Date:***	6/1/1981
RAT Code:	DS	***AGT Order No.:***	10
RAT Short Name:	DISCVRY	***SH OU:***	
RAT Name:	DISCOVERY	***SH Code:***	
RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:		***SH Qual:***	
SPA Code:	13	***RAQ Act. Qual Short:***	
RALT Short Name:	EPA Fund	***RNPL Status Code:***	N
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	9/5/1986
Act Code ID:	1	**Act Complete Date:**	9/24/1986
RAT Code:	PA	**AGT Order No.:**	130
RAT Short Name:	PA	**SH OU:**	
RAT Name:	PRELIMINARY ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	NFRAP
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	9/24/1986
RAT Code:	VS	**AGT Order No.:**	1500
RAT Short Name:	ARCH SITE	**SH OU:**	
RAT Name:	ARCHIVE SITE	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA In-House	**RNPL Status Code:**	N

RAT Def: The decision is made that no further activity is planned at the site.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
159	3 of 3	NE	0.37 / 1,978.33	14.52 / 5	BKLYN UNION GAS /PEOPLES WORKS KENT AVE S 10TH & 11TH STS BROOKLYN NY 11211	SEMS ARCHIVE

Site ID:	0201986	**FIPS Code:**	36047
EPA ID:	NYD980532105	**Cong District:**	14
NPL:	Not on the NPL	**Region:**	02
Federal Facility:	No	**County:**	KINGS

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Action Information

Operable Units:	00	**Start Actual:**	09/05/1986
Action Code:	PA	**Finish Actual:**	09/24/1986
Action Name:	PA	**Qual:**	N
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	06/01/1981
Action Code:	DS	**Finish Actual:**	06/01/1981
Action Name:	DISCVRY	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	
Action Code:	VS	**Finish Actual:**	09/24/1986
Action Name:	ARCH SITE	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf In-Hse

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
160	1 of 1	NE	0.38 / 1,982.93	14.52 / 5	K - Peoples Works Kent Ave. S. 10th St., S. 11th St. Brooklyn NY 11211	SHWS

Site Code:	379000	**Latitude:**	40.707966212
Site Code (GIS):	224053	**Longitude:**	-73.969042621
HW Code:	224053	**Latitude (GIS):**	40.7079662181329
SWIS:	2401	**Longitude (GIS):**	-73.9690426195888
Site Class:	A	**X Coord (GIS):**	587087.36876
Site Class (GIS):	A	**Y Coord (GIS):**	4506850.40181
Program:	HW	**Method:**	4.3
Acres:	0.900	**Accuracy:**	0 to 10 meters
Town:	New York City	**Record Added:**	2007-03-27 14:43:00
County:	Kings	**Record Update:**	2018-02-28 14:08:00
Region:	2	**Updated by:**	GWCROSS
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	Kings		

Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Assess DOH: Since the site is fenced and covered by asphalt or concrete, people will not come into contact with site-related soil and groundwater contamination unless they dig below the surface. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion in the current building and any future on-site building development and occupancy.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The Peoples Works Manufactured Gas Plant (MGP) site is located on three parcels and is comprised of 2 acres of land located between South 10th and South 11th Streets on the west side of Kent Avenue in Brooklyn, NY, Kings County. Site Features: The site is located along the Wallabout Channel, near the East River. The site slopes gently towards the river. The site is entirely covered by paved areas and buildings with concrete slab floors. The site is enclosed by lockable chain-link fencing and is monitored by security personel. Multi-unit residential housing (condominiums) are present north of the Site; Kent Avenue, multi-unit residential housing, and commercial properties are located east; commercial properties are located south; and the East River and Wallabout Channel are located west of the Site. Current Zoning/Uses: The site is zoned for commercial and industrial use. The current land use onsite is commercial. It is located in a mixed industrial, commercial, and residential area. Past Use of the Site: An 1887 Sanborn map shows a manufactured gas plant (MGP) known as the Peoples Gas Light Company operating on the site. By 1904 the MGP was no longer operating at the site. MGPs such as this converted coal and/or petroleum products to a flammable gas which was used in the surrounding community in much the same way that natural gas is used today. In 1999, LILCO and Brooklyn Union Gas merged to form KeySpan. National Grid acquired KeySpan in 2008 and currently maintains ownership of the site. Site Geology and Hydrogeology: Site is covered with up to 5 feet of fill. This material is typical urban fill, characterized by bricks and gravel. Below the fill materials are sands and silts. Near the river, a wedge of silts and clays was noted, underlain by a peat layer. This lithology reflects palustrine deposits along the East River channel, likely overlain by glacial sands and fill during development of the East River waterfront. Bedrock beneath the Site is the Ravenswood Formation gneiss, and is estimated to be approximately 100 feet bgs.

Assessment:

The primary contaminant of concern for the site is coal tar. Materials such as coal tar are commonly referred to as Non-Aqueous Phase Liquids (NAPL). Coal tar contains both volatile and semi-volatile organic compounds. Specific volatile organic compounds (VOCs) of concern are benzene, toluene, ethylbenzene and xylenes (BTEX). Specific semi-volatile organic compounds of concern are the polycyclic aromatic hydrocarbons (PAHs).

Materials Information

Waste Name:	COAL TAR	**Waste Quantity:**	UNKNOWN
Waste Code:			

Owner Information

Seq No:	0000002	***Owner Street:***	435 Graham Ave.
Sub Type:	C05	***Owner Street 2:***	
Own Op:	19	***Owner City:***	Brooklyn
Owner Name:	Gerald A. Esposito	***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	11211
Owner Co.:	Brooklyn Community Board 1		

Seq No:	0000001	***Owner Street:***	Williamsburg Branch
Sub Type:	NNN	***Owner Street 2:***	240 Division at Marcy Ave.
Own Op:	19	***Owner City:***	Brooklyn
Owner Name:	Tracey Mantrone	***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	11211
Owner Co.:	Brooklyn Public Library		

HW Extra Information

Dump:	False	***Dell:***	
Structure:	False	***Updated By:***	ldennist
Lagoon:	False	***Record Added:***	2013-09-20 14:13:00
Landfill:	False	***Record Updated:***	2013-09-20 14:13:00
Pond:	False	***Latitude:***	
Disposal Start:		***Longitude:***	
Disposal Terminate:			

Projects Information

Project Code:	01	***Code Name:***	Site Characterization
Project Desc:	Site Caracterization	***Operable Unit ID:***	1136499
Project Refer Name:		***Operable Unit:***	01
End Date:	2018-10-12 00:00:00	***Operable Unit Desc:***	Remedial Program
End Status:	ACT		

161	*1 of 2*	*SSE*	*0.38 / 1,983.09*	*49.06 / 40*	***Former El Puente 98-116 S. 4th St. Brooklyn NY 11249***	***SHWS***

Site Code:	548563	***Latitude:***	40.711976330
Site Code (GIS):	224260	***Longitude:***	-73.963922010
HW Code:	224260	***Latitude (GIS):***	40.7119760185946
SWIS:	2401	***Longitude (GIS):***	-73.9639220121787
Site Class:	P	***X Coord (GIS):***	587514.67513
Site Class (GIS):	P	***Y Coord (GIS):***	4507300.60569
Program:	HW	***Method:***	4.2
Acres:	0.490	***Accuracy:***	Variable
Town:	New York City	***Record Added:***	2017-05-16 17:37:00
County:	Kings	***Record Update:***	2018-02-27 14:46:00
Region:	2	***Updated by:***	JHOCONNE
Town (GIS):	New York City	***Region (GIS):***	2
County (GIS):	Kings		

Site Class Desc (GIS): Potential: This classification is used for sites where preliminary information indicates that a site may have contamination that makes it eligible for consideration for placement on the Registry of Inactive Hazardous Waste Disposal Sites (commonly referred to as the list of State Superfund Sites). Further information and/or investigation, in the form of a site characterization, is needed to determine if a Class P site qualifies for listing of the site on the Registry. Generally, to qualify for placement on the Registry, there must be evidence that hazardous waste was disposed on the site and that any resulting contamination presents a significant threat (or reasonably foreseeable threat) to public health or the environment. Class P sites are not listed on the Registry and many are eventually found to not qualify for Registry listing. Sites that do not qualify for listing are typically then reclassified to a "Class N" site.

Site Class Desc: Potential: This classification is used for sites where preliminary information indicates that a site may have contamination that makes it eligible for consideration for placement on the Registry of Inactive Hazardous Waste Disposal Sites (commonly referred to as the list of State Superfund Sites). Further information and/or investigation, in the form of a site characterization, is needed to determine if a Class P site qualifies for listing of the site on the

Registry. Generally, to qualify for placement on the Registry, there must be evidence that hazardous waste was disposed on the site and that any resulting contamination presents a significant threat (or reasonably foreseeable threat) to public health or the environment. Class P sites are not listed on the Registry and many are eventually found to not qualify for Registry listing. Sites that do not qualify for listing are typically then reclassified to a "Class N" site.

Assess DOH: As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The 0.49 acre site is located at 98, 100, and 104 South 4th Street in the Borough of Brooklyn, Kings County, NY in an urban area. It was previously known as 98-116 South 4th Street. Site Features: The Site consists of three buildings: 98-102 (now 98), 104-114 (now 100) and 116 (now 104) South 4th Street. Occupying almost the entirety of the site is a multi-story structure made up of a 7 story structure in the center (100 South 4th St.) flanked by two smaller 1 story structures. Two of the buildings were constructed in 1910 and the third was constructed in 1950. All three buildings were renovated in the early 2000s. The 7 story structure is a residential building with approximately 74 units. Current Zoning and Land Use: The site is currently zoned as M1-2/R6 and is surrounded by residential, commercial and industrial uses. It is identified as a single tax lot, Block 2443, Lot 13 and is a rectangular shaped parcel along the southern side of South 4th St., between Berry St. and Bedford Ave. Past Use of the Site: The Site previously had a variety of manufacturing uses, including an adhesives factory (98 S. 4th St, formerly 98-102 S 4th St), an electroplating operation, a laboratory (100 S. 4th St, formerly 104-114 S 4th St), and a dye factory (116 S 4th St). Carmin Industries was identified as a Large Quantity Generator of hazardous wastes, including undefined hazardous wastes, ignitable hazardous wastes, corrosive hazardous wastes, reactive hazardous wastes, chromium, lead and cyanides. Site Geology and Hydrogeology: Soil borings conducted in 1996 identified fill materials to a depth of approximately 7 feet below grade from the first floor of 98 S. 4th St and to a depth of approximately 6 feet below the basement floor of 100 S. 4th St. Beneath the surface fill layer is sand and silt to a depth of at least 17 feet below grade. Groundwater is present at a depth of approximately 15-17 feet below grade.

Assessment:

Nature and Extent of Contamination: A subsurface investigation was performed in 1997 in support of an application to participate in the Voluntary Cleanup Program (see site no. V00094). Previously there had been 4 other investigations including: Technical Report and Order of Compliance with NYCDEP (1992); and Environmental Site Assessment (1994); a Phase I Environmental Audit (1996) and a Phase II Environmental Summary Report (1996). Soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and polychlorinated biphenyls (PCBs). Groundwater samples were analyzed for VOCs only. The Voluntary Cleanup Agreement was terminated in 2003 due to failure to implement remedial activities. Soil - A total of nine soil borings were advanced throughout buildings 2 and 3 (access to building 1 was precluded by structural deficiencies). Samples were collected from nine soil borings. Various VOCs were detected at concentrations exceeding the unrestricted use soil cleanup objectives (SCOs), including: tetrachloroethylene (PCE) at a maximum concentration of 5.5 parts per million (ppm); trichloroethene (TCE) at 3.7 ppm; and toluene at 1.4 ppm. SVOCs were also detected above the unrestricted use SCOs including: fluoranthene at a maximum concentration of 14 ppm; phenanthrene at 19 ppm; and pyrene at 19 ppm. The majority of the contaminants appear to be found beneath building 3 (the western one-story building). Groundwater - Groundwater samples were collected from 3 locations on-site. PCE was detected at a maximum concentration of 86 parts per billion (ppb), TCE at 100 ppb, and toluene at 28 ppb. In addition, groundwater samples collected from a property immediately adjacent to the south of the site (BCP site no. C224233) identified PCE at a maximum concentration of 71.4 ppb and TCE at 27.2 ppb. Soil Vapor -No soil vapor samples were collected. Groundwater samples collected from a property immediately adjacent to the south of the site (BCP site no. C224233) identified PCE at a maximum concentration of 2870 micrograms per cubic meter (ug/m3) and TCE at 3510 ug/m3. Further delineation of the soil vapor was performed at 2 residential buildings located to the west of the Site on Berry Street identified the need for mitigation. Significant Threat: The significant threat determination will be made following the completion of the Site Characterization.

Owner Information

Seq No:	0000001	***Owner Street:***	c/o CT Corporation System, 111 Eighth Avenue
Sub Type:	E	***Owner Street 2:***	
Own Op:	01	***Owner City:***	New York
Owner Name:		***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	10111
Owner Co.:	RLBK Property LLC		

Seq No:	0000001	***Owner Street:***	c/o CT Corporation System, 111 Eighth Avenue
Sub Type:	E	***Owner Street 2:***	
Own Op:	04	***Owner City:***	New York
Owner Name:		***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	10111
Owner Co.:	RLBK Property LLC		

161	***2 of 2***	***SSE***	***0.38 /***	***49.06 /***	***98-116 South 4th Street (El***	***VCP***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			1,983.09	40	Puente) 98-116 South 4th Street Brooklyn NY 11211-	

Site Code:	56815	**Site Code (GIS):**	V00094
HW Code:	V00094	**Site Class (GIS):**	N
Site Class:	N	**Address1 (GIS):**	98-116 South 4th Street
Site Address:	98-116 South 4th Street	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11211-	**ZIP Code (GIS):**	11211-
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587514.67546
Acres:	0.480	**Y Coord (GIS):**	4507300.63988
Record Added:	2000-11-30 16:06:00	**Method:**	4.3
Record Update:	2005-02-15 16:26:00	**Accuracy:**	0 to 10 meters
Updated by:	SMMARTIN	**Accuracy Unit:**	
Latitude:	40.711976330	**Latitude (GIS):**	40.7119763265162
Longitude:	-73.963922010	**Longitude (GIS):**	-73.9639220034985

Site Name: 98-116 South 4th Street (El Puente)

Site Name (GIS): 98-116 South 4th Street (El Puente)

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Program: VCP

Program Desc: VCP

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

The site is located in an urban area in Brooklyn. The site is a rectangular shaped parcel along the southern side of South 4th St, between Berry St. and Bedford Ave. Occupying almost the entirety of the site is a multi-story structure made up of a 7 story structure in the center flanked by two smaller 1 story structures. All three buildings were constructed in the early to mid 1900's and are in varying stages of deterioration. The Site previously had a variety of uses, including an adhesives factory and an electrofoaming laboratory, but always manufacturing. The eastern building has been listed as a warehouse since the 1970s, but also was used as a factory, including a dye factory. The Volunteer was not the property owner and withdrew from the VCP. The owner of the property did an independent renovation of the buildings.

Assessment:

In 1998, the following removals were recommended: Various wastes from the buildings, PBS tanks, contaminated soil with VOCs and SVOCs in excess of recommended soil cleanup objectives in TAGM 4046. Air sampling was also recommended. The building was renovated without of DEC knowledge and/or oversight.

Owner Information

Seq No:	0000000	***Owner Street:***	211 SOUTH 4TH ST.
Sub Type:	ZZZ	***Owner Street 2:***	
Own Op:	06	***Owner City:***	BROOKLYN
Owner Name:		***Owner State:***	NY
Owner Co.:	El Puente	***Owner Zip:***	11211
Country:	United States of America		

Projects Information

Project Code:	04	***Operable Unit ID:***	3798
Project Desc:	Remedial Design	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	1999-04-04 00:00:00	***Code Name:***	Remedial Design
End Status:	ACT		

162	1 of 1	ESE	0.38 / 1,989.88	25.85 / 16	CLOSED-LACKOF RECENT INFO 167 NORTH 5TH STREET NEW YORK CITY NY	LST

Spill No:	8906957	***Spill Date:***	1989-10-16 13:00:00
Site ID:	311970	***Rcvd Date:***	1989-10-16 13:38:00
DER Facility ID:	251657	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2003-03-06 00:00:00
SWIS Code:	2401	***Create Date:***	1989-10-16 00:00:00
Contribute Factor:	Tank Test Failure	***Update Date:***	2003-03-19 00:00:00
Water Body:		***DEC Region:***	2
Source:	Institutional, Educational, Gov., Other	***Lead DEC:***	ADMIN. CLOSED
Class:	C4	***Reported by:***	Tank Tester
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

5K TANK FAILED PETRO TITE WITH A GROSS LEAK, WILL EXCAVATE, ISOLATE & RETEST.CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 03/06/2003 Closed Due To The Nature / Extent Of The Spill Report

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	ST. VINCENT CHURCH	***Spiller Country:***	001
Spiller Address:	167 NORTH 5TH STREET	***Contact Name:***	
Spiller City:	BROOKLYN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Latitude: 40.740729000
Longitude: -73.990073000

Material Information

OP Unit ID:	931884	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	443763	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	-1.00	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

Tank Test Information

Spill Tank ID:	1536237	**Source:**	
Tank No:		**Leak Rate:**	.00
Tank SIze:	0	**Gross Fail:**	
Material:	0001	**Modified by:**	Spills
EPA UST:		**Last Modified:**	2004-10-01 04:00:45.140000000
UST:		**Test Method:**	00
Cause:		**Alt Test Method:**	Unknown

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
163	1 of 3	SSE	0.38 / 2,028.17	46.38 / 37	Williamsburg Bridgeview Apartments 105 S. 5th Street Brooklyn NY 11249	BROWNFIELDS

Site Code:	522334	**Site Code (GIS):**	C224233
HW Code:	C224233	**Site Class (GIS):**	C
Site Class:	C	**Address1 (GIS):**	105 S. 5th Street
Site Address:	105 S. 5th Street	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11249	**ZIP Code (GIS):**	11249
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587492.57760
Acres:	0.366	**Y Coord (GIS):**	4507276.10563
Record Added:	2016-02-02 10:37:00	**Method:**	4.2
Record Update:	2019-01-22 09:56:00	**Accuracy:**	Variable
Updated by:	JBSWARTO	**Latitude (GIS):**	40.7117576888352
Latitude:	40.711758000	**Longitude (GIS):**	-73.9641870021306
Longitude:	-73.964187000		

Site Name: Williamsburg Bridgeview Apartments
Site Name (GIS): Williamsburg Bridgeview Apartments
Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).
Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Program: BCP
Program Desc: BCP
Assess DOH: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The site is located at 99-101 South 5th Street aka 337 Berry Street (Block 2443; Lot 6, formerly known as Lots 6, 37 and 41), Williamsburg, Brooklyn; an urban area within New York City and represented by Brooklyn Community Board 1. The site is approximately 15,870 square feet or 0.36 acres. It is bordered on the south by South 5th Street and the Williamsburg Bridge, and on the north, east, and west by apartment buildings, residential structures, and commercial spaces. Site Features: The site has been recently redeveloped with a 12 story apartment building with a commercial business on the first floor. Prior to demolition in August 2016 the site had been improved with an abandoned warehouse that was used by the City of New York's Landmark Preservation Commission (LPC) as a salvage warehouse. Current Zoning and Land Use: This site is a 12-story apartment building and is zoned M1-2/R6, Special Mixed Use District (MX-8) which allows for restricted-residential/commercial/industrial uses. The surrounding parcels are currently used as residential condominiums and/or houses converted to apartment buildings and ground floor commercial spaces. Past Use of the Site: Previous site uses include an architectural salvage warehouse which started in 1980. Salvaged items such as doors, windows, fences, and decorative elements, were sold to the public. The program ended in 2000 due to budgetary constraints. Former lots 37 and 41 were originally improved with two story residential buildings from ca. 1868. All three former lots (6, 37, and 41) have New York City E Designation assigned in the Greenpoint-Williamsburg Rezoning Environmental Impact Statement (EIS) due to the presence of an auto body shop on former Lot 41. Five abandoned underground storage tanks (USTs) were discovered on-site during excavation activities that were part of the Interim Remedial Measures described in Section 6.2. One UST had a spill case opened due to leaking material that has since been closed. Site Geology and Hydrogeology: Fill material exists to depths between 0-5 feet below ground surface (bgs). Native soils beneath the fill layer consist of well-graded sand (ranging from fine to coarse) with silt. Small to large sized gravel and cobbles exist at all depths. Bedrock was encountered at depths ranging from 27 to 42 feet bgs and appears to slope downward to the north with the topography towards the East River. Groundwater exists at approximately 45-47 feet bgs and flows west towards the East River.

Assessment:

Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and mercury in soil, tetrachloroethene and trichloroethene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan.

Materials Information

Waste Name:	trichloroethene (TCE)	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	xylene (mixed)	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	tetrachloroethene (PCE)	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	indeno(1,2,3-CD)pyrene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	mercury	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	benzo(a)anthracene	**Waste Quantity:**	UNKNOWN
Waste Code:			

Owner Information

Seq No:	0000001	**Owner Street:**	143 Huron Street
Sub Type:	P03	**Owner Street 2:**	
Own Op:	01	**Owner City:**	Brooklyn
Owner Name:	Peter Procida	**Owner State:**	NY
Owner Company:	Williamsburg Bridgeview Apartments Housing Development Fund	**Owner Zip:**	11222
Country:	United States of America		

Seq No:	0000003	**Owner Street:**	435 Graham Avenue
Sub Type:	C01	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Company:	Brooklyn Community Board No. 1	**Owner Zip:**	11211
Country:	United States of America		

Seq No:	0000001	**Owner Street:**	456 E. 173rd Street
Sub Type:	P03	**Owner Street 2:**	
Own Op:	06	**Owner City:**	Bronx
Owner Name:	Peter Procida	**Owner State:**	NY
Owner Company:	LPC Development Group LLC	**Owner Zip:**	10457
Country:	United States of America		

Seq No:	0000004	**Owner Street:**	240 Division Avenue at Marcy Avenue
Sub Type:	C01	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Company:	Brooklyn Public Library - Williamsburg Branch	**Owner Zip:**	11211
Country:	United States of America		

HW Extra Information

Dump:	False	**Disposal Start:**	
Structure:	False	**Disposal Terminate:**	
Lagoon:	False	**Latitude:**	
Landfill:	False	**Longitude:**	
Pond:	False	**Record Added:**	2016-08-30 13:37:00
Dell:		**Record Updated:**	2018-12-07 08:37:00
Updated By:	MLSWEET		

Projects Information

Project Code:	25	**Operable Unit ID:**	1327651
Project Desc:		**Operable Unit:**	00
Project Refer Name:	Certificate of Completion	**Operable Unit Desc:**	Site Management
End Date:	2018-12-27 00:00:00	**Code Name:**	Certificate of Completion
End Status:	ACT		

Project Code:	02	**Operable Unit ID:**	1271348
Project Desc:	Remedial Investigation	**Operable Unit:**	01
Project Refer Name:	Remedial Investigation	**Operable Unit Desc:**	Remedial Program
End Date:	2017-09-27 00:00:00	**Code Name:**	Remedial Investigation
End Status:	ACT		

Project Code:	05	**Operable Unit ID:**	1280131
Project Desc:	Remedial Action	**Operable Unit:**	01A
Project Refer Name:		**Operable Unit Desc:**	IRM Soil Excavation
End Date:	2018-04-05 00:00:00	**Code Name:**	Remedial Action
End Status:	ACT		

Project Code:	05	**Operable Unit ID:**	1271348
Project Desc:	Remedial Action	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2018-12-27 00:00:00	**Code Name:**	Remedial Action
End Status:	ACT		

Project Code:	04	**Operable Unit ID:**	1271348
Project Desc:	Remedial Design	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2018-09-14 00:00:00	**Code Name:**	Remedial Design
End Status:	ACT		

Project Code:	04	**Operable Unit ID:**	1280131
Project Desc:	Remedial Design	**Operable Unit:**	01A
Project Refer Name:	Excavation of the Site	**Operable Unit Desc:**	IRM Soil Excavation

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

End Date: 2016-10-21 00:00:00 **Code Name:** Remedial Design
End Status: ACT

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163 *2 of 3* *SSE* *0.38 / 2,028.17* *46.38 / 37* ***Williamsburg Bridgeview Apartments***
105 S. 5th Street
Brooklyn NY 11249 ***ENG***

Site Code:	522334	**Site Code (GIS):**	C224233
HW Code:	C224233	**Site Class (GIS):**	C
Site Class:	C	**Address 1 (GIS):**	105 S. 5th Street
Control Type:	ENG	**Locality (GIS):**	Brooklyn
Program:	BCP	**Zip Code (GIS):**	11249
Program Desc:	BCP	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Acres:	0.366	**Region (GIS):**	2
Site Address:	105 S. 5th Street	**X Coord (GIS):**	587492.57760
City:	Brooklyn	**Y Coord (GIS):**	4507276.10563
ZIP:	11249	**Method:**	4.2
County:	Kings	**Accuracy:**	Variable
Region:	2	**Accuracy Unit:**	
Town:	New York City	**Latitude (GIS):**	40.7117576888352
Latitude:	40.711758000	**Longitude (GIS):**	-73.9641870021306
Longitude:	-73.964187000		

Site Name: Williamsburg Bridgeview Apartments
Site Name (GIS): Williamsburg Bridgeview Apartments
Address 2 (GIS):

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Assess DOH: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Description:

Location: The site is located at 99-101 South 5th Street aka 337 Berry Street (Block 2443; Lot 6, formerly known as Lots 6, 37 and 41), Williamsburg, Brooklyn; an urban area within New York City and represented by Brooklyn Community Board 1. The site is approximately 15,870 square feet or 0.36 acres. It is bordered on the south by South 5th Street and the Williamsburg Bridge, and on the north, east, and west by apartment buildings, residential structures, and commercial spaces. Site Features: The site has been recently redeveloped with a 12 story apartment building with a commercial business on the first floor. Prior to demolition in August 2016 the site had been improved with an abandoned warehouse that was used by the City of New York's Landmark Preservation Commission (LPC) as a salvage warehouse. Current Zoning and Land Use: This site is a 12-story apartment building and is zoned M1-2/R6, Special Mixed Use District (MX-8) which allows for restricted-residential/commercial/industrial uses. The surrounding parcels are currently used as residential condominiums and/or houses converted to apartment buildings and ground floor commercial spaces. Past Use of the Site: Previous site uses include an architectural salvage warehouse which started in 1980. Salvaged items such as doors, windows, fences, and decorative elements, were sold to the public. The program ended in 2000 due to budgetary constraints. Former lots 37 and 41 were originally improved with two story residential buildings from ca. 1868. All three former lots (6, 37, and 41) have New York City E Designation assigned in the Greenpoint-Williamsburg Rezoning Environmental Impact Statement (EIS) due to the presence of an auto body shop on former Lot 41. Five abandoned underground storage tanks (USTs) were discovered on-site during excavation activities that were part of the Interim Remedial Measures described in Section 6.2. One UST had a spill case opened due to leaking material that has since been closed. Site Geology and Hydrogeology: Fill material exists to depths between 0-5 feet below ground surface (bgs). Native soils beneath the fill layer consist of well-graded sand (ranging from fine to coarse) with silt.

Small to large sized gravel and cobbles exist at all depths. Bedrock was encountered at depths ranging from 27 to 42 feet bgs and appears to slope downward to the north with the topography towards the East River. Groundwater exists at approximately 45-47 feet bgs and flows west towards the East River.

Assessment:

Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and mercury in soil, tetrachloroethene and trichloroethene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan.

Controls Information

Control Code:	35	***Record Added Date:***	2018-11-26 11:27:31.793000000
Control Name:	Air Sparging/Soil Vapor Extraction	***Record Updated Date:***	2018-12-27 13:24:15.253000000
Control Type:	ENG	***Updated By:***	MLSWEET
In Place Date:	2018-11-02 00:00:00		
Control Code:	13	***Record Added Date:***	2018-11-26 11:27:31.793000000
Control Name:	Vapor Mitigation	***Record Updated Date:***	2018-12-27 13:24:15.253000000
Control Type:	ENG	***Updated By:***	MLSWEET
In Place Date:	2018-11-02 00:00:00		
Control Code:	15	***Record Added Date:***	2018-11-26 11:27:31.793000000
Control Name:	Cover System	***Record Updated Date:***	2018-12-27 13:24:15.253000000
Control Type:	ENG	***Updated By:***	MLSWEET
In Place Date:	2018-11-02 00:00:00		
Control Code:	36	***Record Added Date:***	2018-11-26 11:27:31.793000000
Control Name:	Monitoring Wells	***Record Updated Date:***	2018-12-27 13:24:15.253000000
Control Type:	ENG	***Updated By:***	MLSWEET
In Place Date:	2018-11-02 00:00:00		

Materials Information

Waste Name:	xylene (mixed)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	mercury	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	tetrachloroethene (PCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	indeno(1,2,3-CD)pyrene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	trichloroethene (TCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	benzo(a)anthracene	***Waste Quantity:***	UNKNOWN
Waste Code:			

Owner Information

Own Op:	19	***Owner Street:***	435 Graham Avenue
Seq No:	0000003	***Owner Street 2:***	
Sub Type:	C01	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY
Owner Company:	Brooklyn Community Board No. 1	***Owner Zip:***	11211
Country:	United States of America		
Own Op:	19	***Owner Street:***	240 Division Avenue at Marcy Avenue
Seq No:	0000004	***Owner Street 2:***	
Sub Type:	C01	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY

Owner Company:	Brooklyn Public Library - Williamsburg Branch	**Owner Zip:**	11211
Country:	United States of America		

Own Op:	06	**Owner Street:**	456 E. 173rd Street
Seq No:	0000001	**Owner Street 2:**	
Sub Type:	P03	**Owner City:**	Bronx
Owner Name:	Peter Procida	**Owner State:**	NY
Owner Company:	LPC Development Group LLC	**Owner Zip:**	10457
Country:	United States of America		

Own Op:	01	**Owner Street:**	143 Huron Street
Seq No:	0000001	**Owner Street 2:**	
Sub Type:	P03	**Owner City:**	Brooklyn
Owner Name:	Peter Procida	**Owner State:**	NY
Owner Company:	Williamsburg Bridgeview Apartments Housing Development Fund	**Owner Zip:**	11222
Country:	United States of America		

HW Extra Information

Dump:	False	**Disposal Started:**	
Structure:	False	**Disposal Terminate:**	
Lagoon:	False	**Latitude:**	
Landfill:	False	**Longitude:**	
Pond:	False	**Record Added:**	2016-08-30 13:37:00
Dell:		**Record Updated:**	2018-12-07 08:37:00
Updated by:	MLSWEET		

Projects Information

Project Code:	25	**Operable Unit ID:**	1327651
Project Desc:		**Operable Unit:**	00
Project Refer Name:	Certificate of Completion	**Operable Unit Desc:**	Site Management
End Date:	2018-12-27 00:00:00	**Code Name:**	Certificate of Completion
End Status:	ACT		

Project Code:	04	**Operable Unit ID:**	1271348
Project Desc:	Remedial Design	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2018-09-14 00:00:00	**Code Name:**	Remedial Design
End Status:	ACT		

Project Code:	04	**Operable Unit ID:**	1280131
Project Desc:	Remedial Design	**Operable Unit:**	01A
Project Refer Name:	Excavation of the Site	**Operable Unit Desc:**	IRM Soil Excavation
End Date:	2016-10-21 00:00:00	**Code Name:**	Remedial Design
End Status:	ACT		

Project Code:	02	**Operable Unit ID:**	1271348
Project Desc:	Remedial Investigation	**Operable Unit:**	01
Project Refer Name:	Remedial Investigation	**Operable Unit Desc:**	Remedial Program
End Date:	2017-09-27 00:00:00	**Code Name:**	Remedial Investigation
End Status:	ACT		

Project Code:	05	**Operable Unit ID:**	1280131
Project Desc:	Remedial Action	**Operable Unit:**	01A
Project Refer Name:		**Operable Unit Desc:**	IRM Soil Excavation
End Date:	2018-04-05 00:00:00	**Code Name:**	Remedial Action
End Status:	ACT		

Project Code:	05	**Operable Unit ID:**	1271348
Project Desc:	Remedial Action	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2018-12-27 00:00:00	**Code Name:**	Remedial Action
End Status:	ACT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
163	3 of 3	SSE	0.38 / 2,028.17	46.38 / 37	Williamsburg Bridgeview Apartments 105 S. 5th Street Brooklyn NY 11249	INST

Site Code:	522334	**Site Code (GIS):**	C224233
HW Code:	C224233	**Site Class (GIS):**	C
Site Class:	C	**Address 1 (GIS):**	105 S. 5th Street
Control Type:	INST	**Locality (GIS):**	Brooklyn
Program:	BCP	**Zip Code (GIS):**	11249
Program Desc:	BCP	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Site Address:	105 S. 5th Street	**Region (GIS):**	2
City:	Brooklyn	**X Coord (GIS):**	587492.57760
ZIP:	11249	**Y Coord (GIS):**	4507276.10563
County:	Kings	**Method:**	4.2
Region:	2	**Accuracy:**	Variable
Town:	New York City	**Latitude (GIS):**	40.7117576888352
Latitude:	40.711758000	**Longitude (GIS):**	-73.9641870021306
Longitude:	-73.964187000	**Acres:**	0.366

Site Name: Williamsburg Bridgeview Apartments
Site Name (GIS): Williamsburg Bridgeview Apartments
Address 2 (GIS):

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Assess DOH: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Description:

Location: The site is located at 99-101 South 5th Street aka 337 Berry Street (Block 2443; Lot 6, formerly known as Lots 6, 37 and 41), Williamsburg, Brooklyn; an urban area within New York City and represented by Brooklyn Community Board 1. The site is approximately 15,870 square feet or 0.36 acres. It is bordered on the south by South 5th Street and the Williamsburg Bridge, and on the north, east, and west by apartment buildings, residential structures, and commercial spaces. Site Features: The site has been recently redeveloped with a 12 story apartment building with a commercial business on the first floor. Prior to demolition in August 2016 the site had been improved with an abandoned warehouse that was used by the City of New York's Landmark Preservation Commission (LPC) as a salvage warehouse. Current Zoning and Land Use: This site is a 12-story apartment building and is zoned M1-2/R6, Special Mixed Use District (MX-8) which allows for restricted-residential/commercial/industrial uses. The surrounding parcels are currently used as residential condominiums and/or houses converted to apartment buildings and ground floor commercial spaces. Past Use of the Site: Previous site uses include an architectural salvage warehouse which started in 1980. Salvaged items such as doors, windows, fences, and decorative elements, were sold to the public. The program ended in 2000 due to budgetary constraints. Former lots 37 and 41 were originally improved with two story residential buildings from ca. 1868. All three former lots (6, 37, and 41) have New York City E Designation assigned in the Greenpoint-Williamsburg Rezoning Environmental Impact Statement (EIS) due to the presence of an auto body shop on former Lot 41. Five abandoned underground storage tanks (USTs) were discovered on-site during excavation activities that were part of the Interim Remedial Measures described in Section 6.2. One UST had a spill case opened due to leaking material that has since been closed. Site Geology and Hydrogeology: Fill material exists to depths between 0-5 feet below ground surface (bgs). Native soils beneath the fill layer consist of well-graded sand (ranging from fine to coarse) with silt. Small to large sized gravel and cobbles exist at all depths. Bedrock was encountered at depths ranging from 27 to 42 feet bgs and appears to slope downward to the north with the topography towards the East River. Groundwater exists at approximately 45-47 feet bgs and flows west towards the East River.

Assessment:

Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and mercury in soil, tetrachloroethene and trichloroethene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan.

Controls Information

Control Code:	14	***Record Added Date:***	2018-11-26 11:27:31.793000000
Control Name:	Soil Management Plan	***Record Updated Date:***	2018-12-27 13:24:15.253000000
Control Type:	INST	***In Place Date:***	2018-11-02 00:00:00
Updated By:	MLSWEET		

Control Code:	31	***Record Added Date:***	2018-11-26 11:27:31.793000000
Control Name:	Monitoring Plan	***Record Updated Date:***	2018-12-27 13:24:15.253000000
Control Type:	INST	***In Place Date:***	2018-11-02 00:00:00
Updated By:	MLSWEET		

Control Code:	33	***Record Added Date:***	2018-11-26 11:27:31.793000000
Control Name:	O&M Plan	***Record Updated Date:***	2018-12-27 13:24:15.253000000
Control Type:	INST	***In Place Date:***	2018-11-02 00:00:00
Updated By:	MLSWEET		

Control Code:	32	***Record Added Date:***	2018-11-26 11:27:31.793000000
Control Name:	Site Management Plan	***Record Updated Date:***	2018-12-27 13:24:15.253000000
Control Type:	INST	***In Place Date:***	2018-11-02 00:00:00
Updated By:	MLSWEET		

Control Code:	34	***Record Added Date:***	2018-11-26 11:27:31.793000000
Control Name:	IC/EC Plan	***Record Updated Date:***	2018-12-27 13:24:15.253000000
Control Type:	INST	***In Place Date:***	2018-11-02 00:00:00
Updated By:	MLSWEET		

Control Code:	J	***Record Added Date:***	2018-11-26 11:27:31.793000000
Control Name:	Environmental Easement	***Record Updated Date:***	2018-12-27 13:24:15.253000000
Control Type:	INST	***In Place Date:***	2018-11-02 00:00:00
Updated By:	MLSWEET		

Materials Information

Waste Name:	indeno(1,2,3-CD)pyrene	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	mercury	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	xylene (mixed)	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	benzo(a)anthracene	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	trichloroethene (TCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	tetrachloroethene (PCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			

Owner Information

Owner Op:	19	***Owner Street 2:***	
Seq No:	0000004	***Owner City:***	Brooklyn
Sub Type:	C01	***Owner State:***	NY
Owner Name:		***Owner Zip:***	11211
Owner Company:	Brooklyn Public Library - Williamsburg Branch	***Country:***	United States of America
Owner Street:	240 Division Avenue at Marcy Avenue		

Owner Op:	06	***Owner Street 2:***	
Seq No:	0000001	***Owner City:***	Bronx
Sub Type:	P03	***Owner State:***	NY
Owner Name:	Peter Procida	***Owner Zip:***	10457
Owner Company:	LPC Development Group LLC	***Country:***	United States of America
Owner Street:	456 E. 173rd Street		

Owner Op:	19	***Owner Street 2:***	
Seq No:	0000003	***Owner City:***	Brooklyn
Sub Type:	C01	***Owner State:***	NY
Owner Name:		***Owner Zip:***	11211
Owner Company:	Brooklyn Community Board No. 1	***Country:***	United States of America
Owner Street:	435 Graham Avenue		

Owner Op:	01	***Owner Street 2:***	
Seq No:	0000001	***Owner City:***	Brooklyn
Sub Type:	P03	***Owner State:***	NY
Owner Name:	Peter Procida	***Owner Zip:***	11222
Owner Company:	Williamsburg Bridgeview Apartments Housing Development Fund	***Country:***	United States of America
Owner Street:	143 Huron Street		

HW Extra Information

Dump:	False	***Disposal Start:***	
Structure:	False	***Disposal Terminate:***	
Lagoon:	False	***Latitude:***	
Landfill:	False	***Longitude:***	
Pond:	False	***Record Added:***	2016-08-30 13:37:00
Dell:		***Record Updated:***	2018-12-07 08:37:00
Updated By:	MLSWEET		

Projects Information

Project Code:	02	***Operable Unit ID:***	1271348
Project Desc:	Remedial Investigation	***Operable Unit:***	01
Project Refer Name:	Remedial Investigation	***Operable Unit Desc:***	Remedial Program
End Date:	2017-09-27 00:00:00	***Code Name:***	Remedial Investigation
End Status:	ACT		

Project Code:	04	***Operable Unit ID:***	1280131
Project Desc:	Remedial Design	***Operable Unit:***	01A
Project Refer Name:	Excavation of the Site	***Operable Unit Desc:***	IRM Soil Excavation
End Date:	2016-10-21 00:00:00	***Code Name:***	Remedial Design
End Status:	ACT		

Project Code:	05	***Operable Unit ID:***	1271348
Project Desc:	Remedial Action	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2018-12-27 00:00:00	***Code Name:***	Remedial Action
End Status:	ACT		

Project Code:	05	***Operable Unit ID:***	1280131
Project Desc:	Remedial Action	***Operable Unit:***	01A
Project Refer Name:		***Operable Unit Desc:***	IRM Soil Excavation
End Date:	2018-04-05 00:00:00	***Code Name:***	Remedial Action
End Status:	ACT		

Project Code:	25	***Operable Unit ID:***	1327651
Project Desc:		***Operable Unit:***	00
Project Refer Name:	Certificate of Completion	***Operable Unit Desc:***	Site Management
End Date:	2018-12-27 00:00:00	***Code Name:***	Certificate of Completion
End Status:	ACT		

Project Code:	04	***Operable Unit ID:***	1271348
Project Desc:	Remedial Design	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

End Date: 2018-09-14 00:00:00 **Code Name:** Remedial Design
End Status: ACT

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164 **1 of 1** **SSW** **0.38 / 2,029.05** **4.68 / -5** **CLOSED-LACKOF RECENT INFO** **LST**
390 KENT AVE
NEW YORK CITY NY

Spill No:	8710648	**Spill Date:**	1988-03-21 13:00:00
Site ID:	262394	**Rcvd Date:**	1988-03-21 15:08:00
DER Facility ID:	214213	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2003-03-04 00:00:00
SWIS Code:	2401	**Create Date:**	1988-03-22 00:00:00
Contribute Factor:	Tank Test Failure	**Update Date:**	2003-03-14 00:00:00
Water Body:		**DEC Region:**	2
Source:	Institutional, Educational, Gov., Other	**Lead DEC:**	ADMIN. CLOSED
Class:	C4	**Reported by:**	Tank Tester
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

(2) 5K TANK SYSTEMS FAILED HORNER EZY CHECK, WOULDN'T STABILIZE IN STANDPIPE.CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 03/04/2003-Closed Due To The Nature / Extent Of The Spill Report

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	NYC- OWNS BLDG	**Spiller Country:**	001
Spiller Address:		**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	40.711221000		
Longitude:	-73.968441000		

Material Information

OP Unit ID:	915506	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	462410	**Med GW:**	True
Material Code:	0002A	**Med SW:**	False
Material Name:	#4 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	-1.00	**Med Subway:**	False
Units:	L	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

Tank Test Information

Spill Tank ID:	1533470	**Source:**	
Tank No:		**Leak Rate:**	.00
Tank SIze:	0	**Gross Fail:**	
Material:	0002	**Modified by:**	Spills
EPA UST:		**Last Modified:**	2004-10-01 04:00:45.140000000
UST:		**Test Method:**	00
Cause:		**Alt Test Method:**	Unknown

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
165	1 of 1	E	0.39 / 2,047.23	27.87 / 18	ST VINCENT DEPAUL CHURCH 167 N. 6TH ST BROOKLYN NY	LST

Spill No:	0301163	**Spill Date:**	2003-05-01 14:30:00
Site ID:	177051	**Rcvd Date:**	2003-05-01 17:27:00
DER Facility ID:	148793	**CAC Date:**	
CID:	322	**Insp Date:**	
Program Type:	ER	**Close Date:**	2005-12-21 00:00:00
SWIS Code:	2401	**Create Date:**	2003-05-01 00:00:00
Contribute Factor:	Tank Test Failure	**Update Date:**	2006-01-06 14:21:46.340000000
Water Body:		**DEC Region:**	2
Source:	Institutional, Educational, Gov., Other	**Lead DEC:**	JBLISTER
Class:	B3	**Reported by:**	Tank Tester
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

tank test failure

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD 05/02/03 - ROSSAN, DDO - Tank test failure letter was sent 5/2/03 Letter was sent to: Fr. King St Vincent De Paul Church 167 N 6th Street Brooklyn, NY 11211 END 4/30/2004 SS sent a new ttf ltr 12/06/05 called for Father King who I was informed was no longer at the church. Bishop Manuel will call me when he returns. J Lister 12/21/05 Spill closed after receiving documentation that tank was retested and passed. J Lister

Spiller Information

Spiller Name:	FR. KING	**Spiller Zip:**	
Spiller Company:	ST VINCENT DEPAUL CHURCH	**Spiller Country:**	001
Spiller Address:	167 N. 6TH ST	**Contact Name:**	FR. KING
Spiller City:	BROOKLYN	**Contact Phone:**	(718) 388-4218
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.716959040		
Longitude:	-73.957672480		

Material Information

OP Unit ID:	867566	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	509219	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

Tank Test Information

Spill Tank ID:	1528335	**Source:**	
Tank No:	001	**Leak Rate:**	.00
Tank Size:	5000	**Gross Fail:**	F
Material:	0001	**Modified by:**	Spills
EPA UST:		**Last Modified:**	2004-10-01 04:00:45.140000000
UST:		**Test Method:**	03
Cause:		**Alt Test Method:**	Horner EZ Check I or II

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
166	1 of 2	E	0.41 / 2,158.27	25.46 / 16	MARTIN GURSHON 179 NORTH 6TH STREET BROOKLYN NY	LST

Spill No:	0902485	**Spill Date:**	2009-06-01 14:00:00
Site ID:	414529	**Rcvd Date:**	2009-06-01 15:16:00
DER Facility ID:	363668	**CAC Date:**	
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	2009-11-20 00:00:00
SWIS Code:	2401	**Create Date:**	2009-06-01 15:21:00
Contribute Factor:	Tank Test Failure	**Update Date:**	2009-11-20 09:57:10.257000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	JMKRIMGO
Class:	C4	**Reported by:**	Local Agency
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

1518 The caller advised dispatch the tank has failed their test and requested to obtain a spill number. No water ways have been affected. This was just a tank test failure. The owner will be incharge of the fixing of the system. At this time chemicals have spilled. 4000 gallon underground tank.

DEC Remark:

TTF sent to property manager: Mr. Martin Gurshon 233 Broadway - Suite 2704 New York, NY 10279 11/20/09. J.Krimgold reviewed the letter report submitted by Pro Test Enviro and dated 10/30/09. According to the letter the tank system failed the test due to a leak in the supply and/or return lines. The damaged portions of these line were replaced and the tank system retested and passed. During excavation of piping contaminated soil was encountered. This soil was excavated, drummed and properly disposed of. End point samples show no contaminant above TAGM limits. Case closed.

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	MARTIN GURSHON	**Spiller Country:**	999
Spiller Address:		**Contact Name:**	MARTIN GURSHON
Spiller City:		**Contact Phone:**	(212) 267-4459
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.716660000		
Longitude:	-73.957174000		

Material Information

OP Unit ID:	1170913	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	2162696	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:		**Med Subway:**	False
Units:		**Med Utility:**	False
Recovered:		**Oxygenate:**	
Med Soil:	False		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
166	2 of 2	E	0.41 / 2,158.27	25.46 / 16	Spill Number 0104288 179 N 6TH STREET BROOKLYN NY	LST

Spill No:	0104288	**Spill Date:**	2001-07-23 09:00:00
Site ID:	306031	**Rcvd Date:**	2001-07-23 10:28:00
DER Facility ID:	247190	**CAC Date:**	
CID:	207	**Insp Date:**	
Program Type:	ER	**Close Date:**	2003-12-12 00:00:00
SWIS Code:	2401	**Create Date:**	2001-07-23 00:00:00
Contribute Factor:	Tank Test Failure	**Update Date:**	2003-12-12 00:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Water Body:
Source: Commercial/Industrial
Class: B3
Meets Std: False
Penalty: False
REM Phase: 0
UST Trust: False
Caller Remark:

tank contained #2 fuel oil

DEC Region: 2
Lead DEC: TJDEMEO
Reported by: Tank Tester
Referred to:
County: Kings
After Hours: False

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 11/28/2001 Tank passed EZY 3 LP test on 9/7/01. jz 12/12/03 TJD Spill closed based on above entry.

Spiller Information

Spiller Name:
Spiller Company:
Spiller Address:
Spiller City: ***Update***
Spiller State: ZZ
Latitude: 40.716648520
Longitude: -73.957203740

Spiller Zip:
Spiller Country: 001
Contact Name: MARY JANE TREVZEN
Contact Phone: (718) 387-2316
Contact Ext:

Tank Test Information

Spill Tank ID: 1526473
Tank No: 1
Tank SIze: 4000
Material:
EPA UST:
UST:
Cause:

Source:
Leak Rate: .00
Gross Fail: F
Modified by: Spills
Last Modified: 2004-10-01 04:00:45.140000000
Test Method: 03
Alt Test Method: Horner EZ Check I or II

167	1 of 1	ENE	0.42 / 2,204.25	30.65 / 21	NATIONAL PAPER STOCK; INC. 136 NORTH 10TH STREET Brooklyn NY 11211	SWF/LF

Active: No
Activity No: [24T91]
Regltry Status:
Accuracy Code:
Auth No: 2-6104-00184
Auth Issue Dt:
Operator Name:
Operator Type:
Expiration Date:
Region: 2
County: Kings
East Coord: 590200
North Coord: 4506000
Phone No: 7180000000
Owner Name:
Owner Type:
Date of Last Inspection:
Activity Desc: Transfer station - permit
Waste Types:

Owner Address:
Owner Addr2:
Owner City:
Owner State:
Owner ZIP:
Owner Email:
Owner Phone:
Contact Name: LOU MANZIONE; OWNER
Contact Addr:
Contact Addr2:
Contact City:
Contact State:
Contact ZIP:
Contact Email:
Contact Phone:

168	1 of 1	S	0.42 / 2,216.38	44.77 / 35	LOCAL TRANSFER STATION 353 BERRY STREET Brooklyn NY 11211	SWF/LF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Active:	No		**Owner Address:**		
Activity No:	[24T71]		**Owner Addr2:**		
Regltry Status:			**Owner City:**		
Accuracy Code:			**Owner State:**		
Auth No:			**Owner ZIP:**		
Auth Issue Dt:			**Owner Email:**		
Operator Name:			**Owner Phone:**		
Operator Type:			**Contact Name:**	JOHN RIVERA; DRIVER	
Expiration Date:			**Contact Addr:**		
Region:	2		**Contact Addr2:**		
County:	Kings		**Contact City:**		
East Coord:	587437		**Contact State:**		
North Coord:	4507252		**Contact ZIP:**		
Phone No:			**Contact Email:**		
Owner Name:			**Contact Phone:**		
Owner Type:					
Date of Last Inspection:					
Activity Desc:	Transfer station - permit				
Waste Types:					

169	1 of 1	S	0.42 / 2,242.37	35.29 / 26	**Issaac D Inc** **426 Wythe Avenue** **Brooklyn NY 11211**	SWF/LF

Active:	No		**Owner Address:**		
Activity No:			**Owner Addr2:**		
Regltry Status:			**Owner City:**		
Accuracy Code:			**Owner State:**		
Auth No:			**Owner ZIP:**		
Auth Issue Dt:			**Owner Email:**		
Operator Name:			**Owner Phone:**		
Operator Type:			**Contact Name:**		
Expiration Date:			**Contact Addr:**		
Region:	2		**Contact Addr2:**		
County:	Kings		**Contact City:**		
East Coord:	587509		**Contact State:**		
North Coord:	4507104		**Contact ZIP:**		
Phone No:			**Contact Email:**		
Owner Name:			**Contact Phone:**		
Owner Type:					
Date of Last Inspection:					
Activity Desc:	Vehicle Dismantling Facility				
Waste Types:					

170	1 of 2	NE	0.43 / 2,246.04	8.74 / -1	**BROOKLYN NORTH 01 DOS -DDC** **50 KENT AVENUE** **BROOKLYN NY 11211**	LST

Spill No:	9600011	**Spill Date:**	1996-04-01 10:30:00
Site ID:	290161	**Rcvd Date:**	1996-04-01 10:44:00
DER Facility ID:	20058	**CAC Date:**	
CID:	275	**Insp Date:**	
Program Type:	ER	**Close Date:**	2005-05-31 00:00:00
SWIS Code:	2401	**Create Date:**	1996-04-01 00:00:00
Contribute Factor:	Tank Failure	**Update Date:**	2005-05-31 13:33:03.217000000
Water Body:		**DEC Region:**	2
Source:	Commercial/Industrial	**Lead DEC:**	AIIslam
Class:	B3	**Reported by:**	DEC
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	True		
Caller Remark:			

also ground water affected - reprts says that site is contaminated with petro and heavy metals. Also see spill # 9401167.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHITOMIRSKY TRANSFERRED FROM Y.KRIMGOLD. Also, refer to spill # 9607376 & 9401167. 12/14/04-Spill Case is trnsferred to I. Islam. The site is under remediation by LiRo Engineers. - II 4/22/05- Reviewed the quarterly monitoring report (Nov./04 - Jan./05). The monitoring data show persistently high level of both soil and groundwater contamination. LiRo claims that the long history of the site for operation as a manufactured gas plant (MGP) may be the cause of this. However, a letter has been issued in order for LiRo to consider alternative measure(s) to remediate the site. The monitoring report has been installed in the eDoc Folder. - II 5/13/05- Afsar Samani of DDC raised the MGP issue of this site in the meeting with DEC on 5/4/05 as LiRo has written them either to increase the cost for remediation of the MGP related contaminants at the site or get the Key Span and/or other responsible agency handle the MGP site through DEC. Koon Tang is exploring with the Central office as to the finding of responsible agency to handle the former MGP site remediation.- II. 5/31/03- Joe Moloughney of Central Office confirmed via email that this site would be remediated under the KeySpan Consent Order for MGP sites. This site has been assigned with # 224055 as the MGP site. Therefore, the spill is closed.- II

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	NYC DOS	***Spiller Country:***	001
Spiller Address:	50 KENT AVENUE	***Contact Name:***	DAN WEISMANN
Spiller City:	BROOKLYN	***Contact Phone:***	(718) 482-4933
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.722613350		
Longitude:	-73.959336680		

Material Information

OP Unit ID:	1027742	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	353405	***Med GW:***	False
Material Code:	0009	***Med SW:***	False
Material Name:	gasoline	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

OP Unit ID:	1027742	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	353404	***Med GW:***	False
Material Code:	0008	***Med SW:***	False
Material Name:	diesel	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

170	***2 of 2***	***NE***	***0.43 / 2,246.04***	***8.74 / -1***	***Brooklyn North 1 Garage 50 Kent Avenue Brooklyn NY 11211***	***SHWS***

Site Code:	338766	***Latitude:***	40.711443540
Site Code (GIS):	224028	***Longitude:***	-73.928806481
HW Code:	224028	***Latitude (GIS):***	40.7114435460213
SWIS:	2401	***Longitude (GIS):***	-73.9288064804972
Site Class:	N	***X Coord (GIS):***	590481.56038
Site Class (GIS):	N	***Y Coord (GIS):***	4507277.07964
Program:	HW	***Method:***	4.3
Acres:		***Accuracy:***	0 to 10 meters
Town:	New York City	***Record Added:***	1999-11-18 12:00:00
County:	Kings	***Record Update:***	2009-11-20 15:30:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Region: 2
Updated by: MOBARRIE
Town (GIS): New York City
Region (GIS): 2
County (GIS): Kings
Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Assess DOH:
Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

The site is being addressed under site no. 224055 (Williamsburg Works MGP).

Assessment:

Projects Information

Project Code: 01
Project Desc: Site Caracterization
Project Refer Name:
End Date: 2000-10-16 00:00:00
End Status: ACT
Code Name: Site Characterization
Operable Unit ID: 1100676
Operable Unit: 01
Operable Unit Desc: BROOKLYN NORTH GARAGE

171	1 of 1	NNE	0.43 / 2,257.37	4.41 / -5	NORTH 12TH ST. TRANSFER STA. 20 NORTH 12TH STREET Brooklyn NY 11222	SWF/LF

Active: No
Activity No: [24T68]
Regltry Status:
Owner Address:
Owner Addr2:
Owner City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Accuracy Code:		**Owner State:**	
Auth No:		**Owner ZIP:**	
Auth Issue Dt:		**Owner Email:**	
Operator Name:		**Owner Phone:**	
Operator Type:		**Contact Name:**	BOBBY HERBST; SUPERVISOR
Expiration Date:		**Contact Addr:**	
Region:	2	**Contact Addr2:**	
County:	Kings	**Contact City:**	
East Coord:	587750	**Contact State:**	
North Coord:	4508667	**Contact ZIP:**	
Phone No:	7182374288	**Contact Email:**	
Owner Name:		**Contact Phone:**	
Owner Type:			
Date of Last Inspection:			
Activity Desc:	Transfer station - permit		
Waste Types:			

172	1 of 1	SSW	0.44 / 2,320.37	16.08 / 7	COWIGS DRUG 14-16 SO BROADWAY RED HOOK NY	LST

Spill No:	9904198	**Spill Date:**	1994-01-23 12:00:00
Site ID:	97187	**Rcvd Date:**	1999-07-09 11:54:00
DER Facility ID:	86627	**CAC Date:**	
CID:	312	**Insp Date:**	
Program Type:	ER	**Close Date:**	1999-07-13 00:00:00
SWIS Code:	1400	**Create Date:**	1999-07-09 00:00:00
Contribute Factor:	Tank Failure	**Update Date:**	2004-08-11 00:00:00
Water Body:		**DEC Region:**	3
Source:	Commercial/Industrial	**Lead DEC:**	vpmccabe
Class:	C3	**Reported by:**	Other
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Dutchess
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

LOOKING TO SELL THE PROPERTY - UPSTAIRS APT THERE AS WELL

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE/WEITZ 7/13/99 SEE ONE-PAGE UPDATE BY D. WEITZ. NFA This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 07/09/99, 'Phone' = - -, 'Site Insp' = 7-13;D.W..

Spiller Information

Spiller Name:	KENNARD SCHWAMB	**Spiller Zip:**	
Spiller Company:	COWIGS DRUG STORE	**Spiller Country:**	001
Spiller Address:	14-16 SO BROADWAY	**Contact Name:**	KENNARD SCHWAMB
Spiller City:	REDHOOK	**Contact Phone:**	
Spiller State:	NY	**Contact Ext:**	
Latitude:	42.057491220		
Longitude:	-73.902010959		

Material Information

OP Unit ID:	1078620	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	304093	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

173	1 of 1	ESE	0.44 / 2,327.96	27.14 / 18	285 and 291 Metropolitan Ave 285, 291 Metropolitan Avenue Brooklyn NY 11211	BROWNFIELDS

Site Code:	382333	**Site Code (GIS):**	C224124
HW Code:	C224124	**Site Class (GIS):**	N
Site Class:	N	**Address1 (GIS):**	285, 291 Metropolitan Avenue
Site Address:	285, 291 Metropolitan Avenue	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11211	**ZIP Code (GIS):**	11211
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587997.86615
Acres:	0.250	**Y Coord (GIS):**	4507634.61380
Record Added:	2007-06-01 12:37:00	**Method:**	4.2
Record Update:	2009-08-07 08:29:00	**Accuracy:**	Variable
Updated by:	yywong	**Latitude (GIS):**	40.7149330145413
Latitude:	40.714933333	**Longitude (GIS):**	-73.958155558217
Longitude:	-73.958155556		

Site Name: 285 and 291 Metropolitan Ave

Site Name (GIS): 285 and 291 Metropolitan Ave

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Program: BCP

Program Desc: BCP

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

This is a new BCP application which pertains to properties located at 285 and 291 Metropolitan Ave., Brooklyn, Kings County. This site is approximately 0.25 acres in size in an urban area. Surrounding uses are commercial and residential. Directly to the north, across the street from the site on North 4th Street, is a public school. The site consists of an automobile repair facility (former gas station) and a neighboring garage with residential uses on the second floor. The future use for this site is residential and commercial. Suspected and known contaminants are petroleum and metals and MTBE which are impacting the soil and groundwater. This BCP application is currently under review and the Department of Environmental Conservation will determine the application's approval and eligibility. Review of application terminated since the applicant is no longer an entity authorized in NYS to make the application. Following termination of the BCP application, the site was referred back for investigation and remediation under spill no. 0607903.

Assessment:

A limited investigation was performed on 291 Metropolitan Ave in October 2006 and spill number 0607903 was assigned. From four soil borings, one soil sample was collected from each. From another two soil borings, two samples were collected from each. From two borings, a grab groundwater was collected in each. The groundwater was contaminated with BTEX compounds and MTBE. Additional investigation will be required to define the extent of contamination.

Owner Information

Seq No:	0000001	***Owner Street:***	291 METROPOLITAN AVENUE
Sub Type:	NNN	***Owner Street 2:***	
Own Op:	04	***Owner City:***	BROOKLYN
Owner Name:		***Owner State:***	NY
Owner Company:	G&A AUTO REPAIR	***Owner Zip:***	11211
Country:	United States of America		

Seq No:	0000001	***Owner Street:***	291 METROPOLITAN AVENUE
Sub Type:	06	***Owner Street 2:***	
Own Op:	01	***Owner City:***	BROOKLYN
Owner Name:		***Owner State:***	NY
Owner Company:	291 METROPOLITAN AVENUE, LLC	***Owner Zip:***	11211
Country:	United States of America		

Seq No:	0000001	***Owner Street:***	291 METROPOLITAN AVENUE
Sub Type:	06	***Owner Street 2:***	
Own Op:	06	***Owner City:***	BROOKLYN
Owner Name:	MR. DANIEL MILLER	***Owner State:***	NY
Owner Company:	291 METROPOLITAN AVENUE, LLC	***Owner Zip:***	11211
Country:	United States of America		

174	1 of 1	S	0.44 / 2,346.95	40.07 / 31	97 BROADWAY 97 BROADWAY BROOKLYN NY	LST

Spill No:	0330029	***Spill Date:***	2003-08-27 10:45:00
Site ID:	105738	***Rcvd Date:***	2003-08-27 10:45:00
DER Facility ID:	93255	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2006-03-28 00:00:00
SWIS Code:	2401	***Create Date:***	2003-08-27 11:14:00
Contribute Factor:	Tank Failure	***Update Date:***	2006-03-28 12:37:23.857000000
Water Body:		***DEC Region:***	2
Source:	Non Major Facility > 1,100 gal	***Lead DEC:***	KPSARNOW
Class:	A1	***Reported by:***	DEC
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

DEC Rossan was investigating an open lot where there was a NYC Building Permit posted and found an unregistered underground storage tank open being prepared for removal. There was odors of petroleum coming from the tank which may have product leaking.

DEC Remark:

Contacted development corp. Tank was cleaned, registered and properly disposed of. Contaminated soil around tank was excavated and taken off-site. Spill closed 3/28/06

Spiller Information

Spiller Name:		***Spiller Zip:***	11219-
Spiller Company:	S H B REALTY CORP.	***Spiller Country:***	001
Spiller Address:	C/O PARK AVE F/1071 38 ST	***Contact Name:***	
Spiller City:	BROOKLYN	***Contact Phone:***	(347) 242-4504
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.710494850		
Longitude:	-73.965113130		

Material Information

OP Unit ID:	880595	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	496527	***Med GW:***	True
Material Code:	0001A	***Med SW:***	False
Material Name:	#2 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

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175 ***1 of 1*** ***S*** ***0.44 / 2,348.93*** ***25.21 / 16*** ***CONTAINER SERVICE CORP.***
36 BROADWAY
Brooklyn NY 11211
SWF/LF

Active:	No	***Owner Address:***	
Activity No:	[24T51]	***Owner Addr2:***	
Regltry Status:		***Owner City:***	
Accuracy Code:		***Owner State:***	
Auth No:	2-6101-00009	***Owner ZIP:***	
Auth Issue Dt:		***Owner Email:***	
Operator Name:		***Owner Phone:***	
Operator Type:		***Contact Name:***	LOUIE BRANDEFINO; MANAGER
Expiration Date:		***Contact Addr:***	
Region:	2	***Contact Addr2:***	
County:	Kings	***Contact City:***	
East Coord:	587200	***Contact State:***	
North Coord:	4507000	***Contact ZIP:***	
Phone No:		***Contact Email:***	
Owner Name:		***Contact Phone:***	
Owner Type:			
Date of Last Inspection:			
Activity Desc:	Transfer station - permit		
Waste Types:			

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176 ***1 of 1*** ***NE*** ***0.45 / 2,353.51*** ***11.48 / 2*** ***K - Williamsburg Works***
Kent Ave & 12th Street
Brooklyn NY 11211-
SHWS

Site Code:	372653	***Latitude:***	40.723611111
Site Code (GIS):	224055	***Longitude:***	-73.960555556
HW Code:	224055	***Latitude (GIS):***	40.723610795659
SWIS:	2401	***Longitude (GIS):***	-73.9605555582353
Site Class:	A	***X Coord (GIS):***	587783.74864
Site Class (GIS):	A	***Y Coord (GIS):***	4508595.50480
Program:	HW	***Method:***	4.2
Acres:	5.800	***Accuracy:***	Variable

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Town:	New York City	**Record Added:**	2006-10-27 17:50:00
County:	Kings	**Record Update:**	2019-04-19 11:28:00
Region:	2	**Updated by:**	DJEATON
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	Kings		

Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Assess DOH: The NYSDOH will evaluate the potential for impacts to public health from exposure to site contaminants once sufficient information from the investigation of the site becomes available for review.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The Williamsburg Works Manufactured Gas Plant (MGP) site is located in a commercial/industrial area in the Williamsburg section of Brooklyn, New York. The site is approximately six acres in size and is composed of three parcels of land located on the east bank of the East River between North 11th and North 12th Streets on the west and east sides of Kent Avenue. Site features: Site features include a vacant asphalt paved lot and the foundation slab for the recently demolished document storage warehouse on the west side of Kent Avenue and a two -story commercial building on the east side of Kent Avenue. Current zoning and land use: The land uses in the area surrounding the MGP site are currently a mix of industrial, residential, and parkland uses. The privately-owned document storage warehouse was in active use until it was destroyed in a fire on January 31, 2015 and subsequently demolished. The vacant lot at 50 Kent Ave. is owned by the NYC Department of Parks and Recreation and used as an outdoor music venue, flea market and skate park. The two-story commercial building on the east side of Kent Avenue is privately owned and in active use. The nearest residential property is located approximately 1 block to the south. Past use of the site: A manufactured gas plant operated on the site from circa 1850 until approximately 1930. Following the decommissioning of the MGP, the lot was occupied by a NYC Department of Sanitation Garage that was demolished around 2000. Site Geology and Hydrogeology: The site is underlain by: urban fill and varied glacial sediments consisting of outwash sand and gravel, till, and lenticular clay more than 100 feet in thickness. The groundwater table is approximately 5 feet below ground surface. Groundwater flows to the west, toward the East River.

Assessment:

The Remedial Investigation of the site has not been fully completed, since large portions of the site are occupied by buildings. However, the work that has been completed has identified significant coal tar contamination in the subsurface. Soils beneath the vacant lot at 50 Kent Avenue are heavily impacted. Design work is currently under way for an excavation IRM on this parcel during the 2015 field season, and tar collection wells have been completed around the perimeter of this property. Tar removal from these wells is taking place on a continuing basis. Tar contamination has moved off site to the north but does not appear to have reached the shoreline in that area. A large portion of the former plant footprint lies beneath a document storage warehouse. Test borings around the perimeter of this building confirm the presence of MGP tars in the area, and off site migration of this tar has taken place, leading to contamination of sediments beneath adjacent areas of the East River.

Materials Information

Waste Name:	COAL TAR	**Waste Quantity:**	UNKNOWN
Waste Code:			

Owner Information

Seq No:	0000001	**Owner Street:**	240 Division St., at Marcy Ave.
Sub Type:	C01	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:	Williamsburg Branch	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	11211
Owner Co.:	Brooklyn Public Library		

HW Extra Information

Dump:	False	**Dell:**	
Structure:	False	**Updated By:**	ldennist

Lagoon:	False	**Record Added:**	2013-09-20 14:19:00
Landfill:	False	**Record Updated:**	2013-09-20 14:19:00
Pond:	False	**Latitude:**	
Disposal Start:		**Longitude:**	
Disposal Terminate:			

Projects Information

Project Code:	05	**Code Name:**	Remedial Action
Project Desc:	Remedial Action	**Operable Unit ID:**	1237856
Project Refer Name:		**Operable Unit:**	01A
End Date:	2018-03-27 00:00:00	**Operable Unit Desc:**	50 Kent Avenue IRM
End Status:	ACT		
Project Code:	04	**Code Name:**	Remedial Design
Project Desc:	Remedial Design	**Operable Unit ID:**	1237856
Project Refer Name:	50 Kent Ave IRM design	**Operable Unit:**	01A
End Date:	2015-06-30 00:00:00	**Operable Unit Desc:**	50 Kent Avenue IRM
End Status:	ACT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
177	1 of 1	NE	0.45 / 2,365.50	11.72 / 2	BKLYN UNION GAS /WILLIAMSBURGH WORKS KENT AVE N 12TH ST /E RIV BROOKLYN NY 11211	SEMS ARCHIVE

Site ID:	0201979	**FIPS Code:**	36047
EPA ID:	NYD980532030	**Cong District:**	14
NPL:	Not on the NPL	**Region:**	02
Federal Facility:	No	**County:**	KINGS
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information		

Action Information

Operable Units:	00	**Start Actual:**	
Action Code:	VS	**Finish Actual:**	09/24/1986
Action Name:	ARCH SITE	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf In-Hse
Operable Units:	00	**Start Actual:**	09/05/1986
Action Code:	PA	**Finish Actual:**	09/24/1986
Action Name:	PA	**Qual:**	N
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	06/01/1981
Action Code:	DS	**Finish Actual:**	06/01/1981
Action Name:	DISCVRY	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
178	1 of 2	NE	0.45 / 2,368.82	11.72 / 2	K - Williamsburg Works Kent Ave & 12th Street Brooklyn NY 11211-	BROWNFIELDS

Site Code:	58606	**Site Code (GIS):**	C224055
HW Code:	C224055	**Site Class (GIS):**	N
Site Class:	N	**Address1 (GIS):**	Kent Ave & 12th Street
Site Address:	Kent Ave & 12th Street	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11211-	**ZIP Code (GIS):**	11211-
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587790.18475
Acres:	5.000	**Y Coord (GIS):**	4508606.59701
Record Added:	2004-04-30 11:50:00	**Method:**	4.3
Record Update:	2009-12-07 10:11:00	**Accuracy:**	0 to 10 meters

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Updated by: MOBARRIE
Latitude: 40.723710020
Longitude: -73.960477810
Latitude (GIS): 40.7237100190192
Longitude (GIS): -73.9604778058135
Site Name: K - Williamsburg Works
Site Name (GIS): K - Williamsburg Works
Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Program: BCP
Program Desc: BCP
Assess DOH:
Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

See Site 224055

Assessment:

Owner Information

Seq No: 0000000
Sub Type: B99
Own Op: 01
Owner Name:
Owner Company: KEYSPAN
Country: Unknown
Owner Street:
Owner Street 2:
Owner City:
Owner State: NY
Owner Zip:

178	2 of 2	NE	0.45 /	11.72 /	Williamsburg Works	VCP

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			2,368.82	2	Kent Ave & 12th Street Brooklyn NY 11211-	

Site Code:	58605	**Site Code (GIS):**	V00704
HW Code:	V00704	**Site Class (GIS):**	N
Site Class:	N	**Address1 (GIS):**	Kent Ave & 12th Street
Site Address:	Kent Ave & 12th Street	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11211-	**ZIP Code (GIS):**	11211-
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587790.13730
Acres:		**Y Coord (GIS):**	4508606.62655
Record Added:	2003-11-06 09:37:00	**Method:**	4.3
Record Update:	2006-10-30 12:25:00	**Accuracy:**	0 to 10 meters
Updated by:	DKMACNEA	**Accuracy Unit:**	
Latitude:	40.723710284	**Latitude (GIS):**	40.7237102901509
Longitude:	-73.960478364	**Longitude (GIS):**	-73.9604783634401

Site Name: Williamsburg Works

Site Name (GIS): Williamsburg Works

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Program: VCP

Program Desc: VCP

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

See Site 224055

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assessment:						
179	1 of 6	NE	0.45 / 2,374.77	10.86 / 1	BUG, Williamsburg Works Kent Avenue, North 12th Street Brooklyn 11211 NY	HSWDS

Reg Site ID: U
Site No:
EPA ID: NYD980532030
Is Site Active?: No
Registry: N
Years of Operation: 1850 to 1936
RCRA: Unknown
HRS Score: U
HRS Date: U
Acres: 0.00
Site Code: 2A
Site Code Desc: Coal Gasification Plant
Owner: U
Owner Name: (formerly) Brooklyn Union Gas
Owner Address: 195 Montague Street
Brooklyn
Owner Telephone: (718)403-3053
Operator: Same
Operator Name: U
Operator Address: U
Operator Telephone: U
Completed Investigation: PA
Samples Collected: None
Threat to Env/Public Health?: E
Surface Water Contamination?: Unknown
Groundwater Contamination?: Unknown
Drinking Water Contam?: Unknown
Surface Water Class: U
Groundwater Class: U
Active Drinking Water Supply?: Unknown
Hazard Substance Exposed?: Unknown
Controlled Site Access?: Unknown
Ambient Air Contamination?: U
Threat of Direct Contact?: Unknown
Doc Fish/Wildlife Mortality?: Unknown
Impact on Special Status?: Unknown
TCLP:
Surface Water:
Groundwater:
Drinking Water:
Fish or Wildlife Mortality:
Fish or Wildlife Resource:
Building:
Hazard Substance Disposed: Suspected coal/tar
Air:
Surface Water:
Surface Soil:
Waste:
EP Toxicity:
Groundwater:
Sediment:
Subsurface Soil:
Leachate:
Regulatory Agencies Involved: Cercla 103c
USEPA
NYSDEC
Preparer: Julia Slack
Engineering Aide
NYSDEC
May 25, 1994
Nominated by:

VOCs: No
Semi VOCs: No
PCBs: No
Pesticides: No
Metals: No
Asbestos: No
County: Kings
Region: 2
Latitude: 40 43 25 N
Longitude: 73 57 30 W
Quadrangle: U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Describe the Site: This was formerly the site of a coal-gasification plant, purchased by Brooklyn Union at the turn of the century. One of the by-products produced was a hydrocarbon tar which was temporarily stored on-site. Ownership and use of the property since 1936 is unknown.

Describe the Threat:

The soil was possibly contaminated with trace amounts of hydrocarbon tar; impact was probably reduced by time and excavation of soils.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
179	2 of 6	NE	0.45 / 2,374.77	10.86 / 1	BUG, Williamsburg Works Kent Avenue, North 12th Street Brooklyn 11211 NY	HSWDS

Reg Site ID:	U	***VOCs:***	
Site No:	HS2017	***Semi VOCs:***	
EPA ID:	NYD980532030	***PCBs:***	
Is Site Active?:		***Pesticides:***	
Registry:	N	***Metals:***	
Years of Operation:		***Asbestos:***	
RCRA:		***County:***	Kings
HRS Score:		***Region:***	2
HRS Date:		***Latitude:***	
Acres:		***Longitude:***	
Site Code:	2A	***Quadrangle:***	
Site Code Desc:	Coal Gasification Plant		
Owner:	(formerly) Brooklyn Union Gas		
Owner Name:			
Owner Address:			
Owner Telephone:			
Operator:	U		
Operator Name:			
Operator Address:			
Operator Telephone:			
Completed Investigation:			
Samples Collected:			
Threat to Env/Public Health?:			
Surface Water Contamination?:			
Groundwater Contamination?:			
Drinking Water Contam?:			
Surface Water Class:			
Groundwater Class:			
Active Drinking Water Supply?:			
Hazard Substance Exposed?:			
Controlled Site Access?:			
Ambient Air Contamination?:			
Threat of Direct Contact?:			
Doc Fish/Wildlife Mortality?:			
Impact on Special Status?:			
TCLP:			
Surface Water:			
Groundwater:			
Drinking Water:			
Fish or Wildlife Mortality:			
Fish or Wildlife Resource:			
Building:			
Hazard Substance Disposed:	Suspected coal/tar		
Air:			
Surface Water:			
Surface Soil:			
Waste:			
EP Toxicity:			
Groundwater:			
Sediment:			
Subsurface Soil:			
Leachate:			
Regulatory Agencies Involved:			
Preparer:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Nominated by:
Describe the Site: This was formerly the site of a coal-gasification plant, purchased by Brooklyn Union at the turn of the century. One of the by-products produced was a hydrocarbon tar which was temporarily stored on-site. Ownership and use of the propetiy since 1936 is unknown.

Describe the Threat:

The soil was possibly contaminated with trace amounts of hydrocarbon tar; impact was probably reduced by time and excavation of soils.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
179	3 of 6	NE	0.45 / 2,374.77	10.86 / 1	BUG, Williamsburg Works Kent Avenue, North 12th Street Brooklyn 11211 NY	HSWDS

Reg Site ID:	U	**VOCs:**	No
Site No:	HS2017	**Semi VOCs:**	No
EPA ID:	NYD980532030	**PCBs:**	No
Is Site Active?:	No	**Pesticides:**	No
Registry:	N	**Metals:**	No
Years of Operation:	1850 to 1936	**Asbestos:**	No
RCRA:	Unknown	**County:**	Kings
HRS Score:	U	**Region:**	2
HRS Date:	U	**Latitude:**	40 43 25 N
Acres:	0.00	**Longitude:**	73 57 30 W
Site Code:	2A	**Quadrangle:**	U

Site Code Desc: Coal Gasification Plant
Owner: U
Owner Name: (formerly) Brooklyn Union Gas
Owner Address: 195 Montague Street
Brooklyn
Owner Telephone: (718)403-3053
Operator: Same
Operator Name: U
Operator Address: U
Operator Telephone: U
Completed Investigation: PA
Samples Collected: None
Threat to Env/Public Health?: E
Surface Water Contamination?: Unknown
Groundwater Contamination?: Unknown
Drinking Water Contam?: Unknown
Surface Water Class: U
Groundwater Class: U
Active Drinking Water Supply?: Unknown
Hazard Substance Exposed?: Unknown
Controlled Site Access?: Unknown
Ambient Air Contamination?: U
Threat of Direct Contact?: Unknown
Doc Fish/Wildlife Mortality?: Unknown
Impact on Special Status?: Unknown
TCLP:
Surface Water:
Groundwater:
Drinking Water:
Fish or Wildlife Mortality:
Fish or Wildlife Resource:
Building:
Hazard Substance Disposed: Suspected coal/tar
Air:
Surface Water:
Surface Soil:
Waste:
EP Toxicity:
Groundwater:
Sediment:
Subsurface Soil:
Leachate:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Regulatory Agencies Involved: Cercla 103c
USEPA
NYSDEC

Preparer: Julia Slack
Engineering Aide
NYSDEC
May 25, 1994

Nominated by:

Describe the Site: This was formerly the site of a coal-gasification plant, purchased by Brooklyn Union at the turn of the century. One of the by-products produced was a hydrocarbon tar which was temporarily stored on-site. Ownership and use of the property since 1936 is unknown.

Describe the Threat:

The soil was possibly contaminated with trace amounts of hydrocarbon tar; impact was probably reduced by time and excavation of soils.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
179	4 of 6	NE	0.45 / 2,374.77	10.86 / 1	BUG, Williamsburg Works Kent Avenue, North 12th Street Brooklyn 11211 NY	HSWDS

Reg Site ID:	U	**VOCs:**	No
Site No:	HS2017	**Semi VOCs:**	No
EPA ID:	NYD980532030	**PCBs:**	No
Is Site Active?:	No	**Pesticides:**	No
Registry:	N	**Metals:**	No
Years of Operation:	1850 to 1936	**Asbestos:**	No
RCRA:	Unknown	**County:**	Kings
HRS Score:	U	**Region:**	2
HRS Date:	U	**Latitude:**	40 43 25 N
Acres:	0.00	**Longitude:**	73 57 30 W
Site Code:	2A	**Quadrangle:**	U

Site Code Desc: Coal Gasification Plant
Owner: U
Owner Name: (formerly) Brooklyn Union Gas
Owner Address: 195 Montague Street
Brooklyn
Owner Telephone: (718)403-3053
Operator: Same
Operator Name: U
Operator Address: U
Operator Telephone: U
Completed Investigation: PA
Samples Collected: None
Threat to Env/Public Health?: E
Surface Water Contamination?: Unknown
Groundwater Contamination?: Unknown
Drinking Water Contam?: Unknown
Surface Water Class: U
Groundwater Class: U
Active Drinking Water Supply?: Unknown
Hazard Substance Exposed?: Unknown
Controlled Site Access?: Unknown
Ambient Air Contamination?: U
Threat of Direct Contact?: Unknown
Doc Fish/Wildlife Mortality?: Unknown
Impact on Special Status?: Unknown
TCLP:
Surface Water:
Groundwater:
Drinking Water:
Fish or Wildlife Mortality:
Fish or Wildlife Resource:
Building:
Hazard Substance Disposed: Suspected coal/tar
Air:
Surface Water:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Surface Soil:
Waste:
EP Toxicity:
Groundwater:
Sediment:
Subsurface Soil:
Leachate:
Regulatory Agencies Involved: Cercla 103c
USEPA
NYSDEC
Preparer: Julia Slack
Engineering Aide
NYSDEC
May 25, 1994
Nominated by:
Describe the Site: This was formerly the site of a coal-gasification plant, purchased by Brooklyn Union at the turn of the century. One of the by-products produced was a
hydrocarbon tar which was temporarily stored on-site. Ownership and use of the property since 1936 is unknown.
Describe the Threat:

The soil was possibly contaminated with trace amounts of hydrocarbon tar; impact was probably reduced by time and excavation of soils.

179	5 of 6	NE	0.45 / 2,374.77	10.86 / 1	**BUG. Williamsburg Works** **Kent Avenue. North 12th Street** **Brooklyn 11211** **NY**	HSWDS

Reg Site ID:	U	**VOCs:**	No
Site No:	HS2017	**Semi VOCs:**	No
EPA ID:	NYD980532030	**PCBs:**	No
Is Site Active?:	No	**Pesticides:**	No
Registry:	N	**Metals:**	No
Years of Operation:	1850 to 1936	**Asbestos:**	No
RCRA:	Unknown	**County:**	Kings
HRS Score:	U	**Region:**	2
HRS Date:	U	**Latitude:**	40 43 25 N
Acres:	0.00	**Longitude:**	73 57 30 W
Site Code:	2A	**Quadrangle:**	U

Site Code Desc: Coal Gasification Plant
Owner: U
Owner Name: (formerly) Brooklyn Union Gas
Owner Address: 195 Montague
Street Brooklyn
Owner Telephone: (718)403-3053
Operator: Same
Operator Name: U
Operator Address: U
Operator Telephone: U
Completed Investigation: PA
Samples Collected: None
Threat to Env/Public Health?: E
Surface Water Contamination?: Unknown
Groundwater Contamination?: Unknown
Drinking Water Contam?: Unknown
Surface Water Class: U
Groundwater Class: U
Active Drinking Water Supply?: Unknown
Hazard Substance Exposed?: Unknown
Controlled Site Access?: Unknown
Ambient Air Contamination?: U
Threat of Direct Contact?: Unknown
Doc Fish/Wildlife Mortality?: Unknown
Impact on Special Status?: Unknown
TCLP:
Surface Water:
Groundwater:
Drinking Water:

Fish or Wildlife Mortality:
Fish or Wildlife Resource:
Building:
Hazard Substance Disposed: Suspected coal/tar
Air:
Surface Water:
Surface Soil:
Waste:
EP Toxicity:
Groundwater:
Sediment:
Subsurface Soil:
Leachate:
Regulatory Agencies Involved: Cercla 103c
USEPA
NYSDEC
Preparer: Julia Slack
Engineering Aide
NYSDEC
May 25, 1994
Nominated by:
Describe the Site: This was formerly the site of a coal-gasification plant. purchased by Brooklyn Union at the turn of the century. One of the by-products
produced was a hydrocarbon tar which was temporarily stored on-site. Ownership and use of the property since 1936 is unknown.
Describe the Threat:

The soil was possibly contaminated with trace amounts of hydrocarbon tar; impact was probably reduced by time and excavation of soils.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
179	6 of 6	NE	0.45 / 2,374.77	10.86 / 1	K - Williamsburg Works Kent Ave & 12th Street Brooklyn NY 11211-	MGP

Site Code:	224055	***Project Manager:***	PRATT, GERALD
SWIS Code:	2401	***Region:***	2
Class:	A	***Town:***	New York City
Disp Start:		***County:***	Kings
Disp Term:		***Latitude:***	40.723611111
Acres:	5.8	***Longitude:***	-73.960555556

Details

Description:

Location: The Williamsburg Works Manufactured Gas Plant (MGP) site is located in a commercial/industrial area in the Williamsburg section of Brooklyn, New York. The site is approximately six acres in size and is composed of three parcels of land located on the east bank of the East River between North 11th and North 12th Streets on the west and east sides of Kent Avenue. Site features: Site features include a vacant asphalt paved lot and the foundation slab for the recently demolished document storage warehouse on the west side of Kent Avenue and a two -story commercial building on the east side of Kent Avenue. Current zoning and land use: The land uses in the area surrounding the MGP site are currently a mix of industrial, residential, and parkland uses. The privately-owned document storage warehouse was in active use until it was destroyed in a fire on January 31, 2015 and subsequently demolished. The vacant lot at 50 Kent Ave. is owned by the NYC Department of Parks and Recreation and used as an outdoor music venue, flea market and skate park. The two-story commercial building on the east side of Kent Avenue is privately owned and in active use. The nearest residential property is located approximately 1 block to the south. Past use of the site: A manufactured gas plant operated on the site from circa 1850 until approximately 1930. Following the decommissioning of the MGP, the lot was occupied by a NYC Department of Sanitation Garage that was demolished around 2000. Site Geology and Hydrogeology: The site is underlain by: urban fill and varied glacial sediments consisting of outwash sand and gravel, till, and lenticular clay more than 100 feet in thickness. The groundwater table is approximately 5 feet below ground surface. Groundwater flows to the west, toward the East River.

Assess ENV:

The Remedial Investigation of the site has not been fully completed, since large portions of the site are occupied by buildings. However, the work that has been completed has identified significant coal tar contamination in the subsurface. Soils beneath the vacant lot at 50 Kent Avenue are heavily impacted. Design work is currently under way for an excavation IRM on this parcel during the 2015 field season, and tar collection wells have been completed around the perimeter of this property. Tar removal from these wells is taking place on a continuing basis. Tar contamination has moved off site to the north but does not appear to have reached the shoreline in that area. A large portion of the former plant footprint lies beneath a document storage warehouse. Test borings around the perimeter of this building confirm the presence of MGP tars in the area, and off site migration of this tar has

taken place, leading to contamination of sediments beneath adjacent areas of the East River.

Assess DOH:

The NYSDOH will evaluate the potential for impacts to public health from exposure to site contaminants once sufficient information from the investigation of the site becomes available for review.

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180 **1 of 2** **NE** **0.45 / 2,384.00** **10.86 / 1** **BKLYN UNION GAS /WILLIAMSBURGH WORKS KENT AVE N 12TH ST /E RIV BROOKLYN NY 11211** **CERCLIS**

Site ID:	0201979	***RNPL Status Code:***	N
Site EPA ID:	NYD980532030	***NPL Status:***	Not on the NPL
Site Street Address 2:		***RFED Facility Code:***	N
Site County Name:	KINGS	***RFED Facility Desc:***	Not a Federal Facility
Site FIPS Code:	36047	***USGS Hydro Unit No.:***	02030201
Region Code:	02	***Site Cong. Dist. Code:***	14
Site SMSA No.:	5600	***ROT Desc:***	Other
Site Prim. Latitude:	40D43M25S	***FR NPL Update No.:***	
Site Prim. Longitude:	073D57M30S	***RFRA Code:***	
Lat Long Source:			

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	
Act Code ID:		***Act Start Date:***	
RAT Code:		***Act Complete Date:***	
RAT Short Name:		***AGT Order No.:***	0
RAT Name:		***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:		***SH Seq:***	
RAT Level:		***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:			
RAT Def:			

Site Desc: FORMERLY THE SITE OF A COAL-GASIFICATION PLANT. ONE OF THE BY-PRODUCTS PRODUCED DURING THE PLANT'S OPERATING YEARS WAS A HYDROCARBON TAR WHICH WAS TEMPORARILY STORED ON SITE UNTIL SOLD FOR USE IN ROOFING OR ROAD SURFACING.

.

Site Alias: No alias data available

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	DS	***Act Complete Date:***	6/1/1981 00:00:00
RAT Short Name:	DISCVRY	***AGT Order No.:***	10
RAT Name:	DISCOVERY	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		

Site Desc:
Site Alias:

CERCLIS Assess History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

OU ID:	00	**RALT Short Name:**	EPA In-House
Act Code ID:	001	**Act Start Date:**	
RAT Code:	VS	**Act Complete Date:**	9/24/1986 00:00:00
RAT Short Name:	ARCH SITE	**AGT Order No.:**	1500
RAT Name:	ARCHIVE SITE	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		
RAT Def:	The decision is made that no further activity is planned at the site.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	9/5/1986 00:00:00
RAT Code:	PA	**Act Complete Date:**	9/24/1986 00:00:00
RAT Short Name:	PA	**AGT Order No.:**	130
RAT Name:	PRELIMINARY ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
Site Desc:			
Site Alias:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
180	2 of 2	NE	0.45 / 2,384.00	10.86 / 1	**BKLYN UNION GAS /WILLIAMSBURGH WORKS KENT AVE N 12TH ST /E RIV BROOKLYN NY 11211**	CERCLIS NFRAP

Site ID:	201979	**Site FIPS Code:**	36047
Site EPA ID:	NYD980532030	**Region Code:**	2
Site Parent ID:		**Site Cong. Dist. Code:**	14
Site County Name:	KINGS	**Federal Facility:**	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	6/1/1981
RAT Code:	DS	**AGT Order No.:**	10
RAT Short Name:	DISCVRY	**SH OU:**	
RAT Name:	DISCOVERY	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

OU ID:	0	**Act Start Date:**	9/5/1986
Act Code ID:	1	**Act Complete Date:**	9/24/1986
RAT Code:	PA	**AGT Order No.:**	130
RAT Short Name:	PA	**SH OU:**	
RAT Name:	PRELIMINARY ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	NFRAP
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	9/24/1986
RAT Code:	VS	**AGT Order No.:**	1500
RAT Short Name:	ARCH SITE	**SH OU:**	
RAT Name:	ARCHIVE SITE	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA In-House	**RNPL Status Code:**	N

RAT Def: The decision is made that no further activity is planned at the site.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
181	1 of 1	NE	0.45 / 2,396.66	5.35 / -4	Williamsburg - Former Pratt Refinery 26 N 12th St. Brooklyn NY 11211	SHWS

Site Code:	533192	**Latitude:**	40.724219499
Site Code (GIS):	224055A	**Longitude:**	-73.959631363
HW Code:	224055A	**Latitude (GIS):**	40.724219504357
SWIS:	2401	**Longitude (GIS):**	-73.9596313633215
Site Class:	A	**X Coord (GIS):**	587861.00000
Site Class (GIS):	A	**Y Coord (GIS):**	4508664.00000
Program:	HW	**Method:**	4.3
Acres:	7.000	**Accuracy:**	0 to 10 meters
Town:	New York City	**Record Added:**	2016-10-03 15:06:00
County:	Kings	**Record Update:**	2018-07-03 14:35:00
Region:	2	**Updated by:**	GWCROSS
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	Kings		

Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Description:

The Williamsburg-Pratt Refinery site is located in a commercial/industrial area in the Williamsburg section of Brooklyn The site comprises a single real estate parcel, Block 2277 Lot 1, at 26 N 12th St. It is approximately 7 acres in size and is located between Kent Ave. and the East River and between N 12th St. and Bushwick Inlet. Site Features: The site includes empty above ground petroleum bulk storage tanks, a 3 story office building, a one story cinder block garage, a fuel dispenser island, and a large asphalt paved area. Current Zoning and Land Use: The land use in the surrounding area is currently a mix of industrial, residential, commercial and parkland use. The nearest residential property is located approximately 2 blocks to the south. Past Use of the Site: A petroleum refinery operated on the site from circa 1870 into the early 1900s. Subsequently, the property was utilized as a major petroleum bulk storage facility until the early 2000s. Site Geology and Hydrogeology: The site is underlain by urban fill and varied glacial sediments consisting of outwash sand and gravel, till and lenticular clay more than 100 feet in thickness. The groundwater table is approximately 6 feet below ground surface. Groundwater flows to the west, toward the East River.

Assessment:

The Williamsburg former Pratt Refinery has not yet been subject to a formal remedial investigation, however, New York City commissioned an environmental assessment of the parcel prior to purchasing it, and an off-site component of the Williamsburg MGP remedial investigation evaluated portions of the site. Soils beneath the Williamsburg former Pratt Refinery are impacted with both petroleum and coal tar. Although not fully understood, the petroleum impacts appear to be spatially associated with historic refinery operations and from more recent petroleum bulk storage. Coal tar has migrated through the subsurface from the former Williamsburg MGP under the southern margin of the site. The coal tar impacts are relatively deep, ranging from 30 to 50 feet below ground surface. Sediment data gathered as part of the Williamsburg MGP RI show co mingled coal tar and petroleum contamination in the East River sediment adjacent to the site.

182	1 of 1	ENE	0.46 / 2,416.75	24.16 / 15	F N W MECHANICAL 139 NORTH 10TH STREET BROOKLYN NY 11211	LST

Spill No:	0306649	***Spill Date:***	2003-09-23 16:15:00
Site ID:	191515	***Rcvd Date:***	2003-09-23 16:27:00
DER Facility ID:	25519	***CAC Date:***	
CID:	252	***Insp Date:***	
Program Type:	ER	***Close Date:***	2006-11-13 00:00:00
SWIS Code:	2401	***Create Date:***	2003-09-23 00:00:00
Contribute Factor:	Tank Test Failure	***Update Date:***	2006-11-13 13:22:22.530000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	BKFALVEY
Class:	B3	***Reported by:***	Tank Tester
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

RECOMMEND TO UNCOVER-EVALUATE AND RE-TEST

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 9/23/03, ROSSAN; DDO: Tank test failure letter was prepared and sent to: Mr. Frank Dross F N W Mechanical 139 North 10th Street Brooklyn, NY 11211 Ed. 10/3/05: CBN Called Phil Fazin, the tank tester and was told he would get back to DEC with more info. 9/22/06 ttf letter sent to owner: Sandra Maislen San Ten Raz LLC 120 Pleaseant St., Apt. 2 Brookline, MA 02446 bf 11/13/06 On 10/12/06, received letter from Sandra Maislen in response to ttf letter. Reviewed letter and the attachments. The fill line, stick line, and vent line failed. I called Petroleum Tanks to see if they remember detecting any contamination when lines were replaced. I was told Mark Salamack was the person in charge of the tank repairs. He was in a meeting at the time of the call and I left a message for him to call me. Mr. Salamack (718-624-4842) called me back and told me that there was no observed contamination and no elevated reading on the PID meter used at the time of the repairs. NFA. bf

Spiller Information

Spiller Name:	FRANK	***Spiller Zip:***	
Spiller Company:	FRANK DROSS	***Spiller Country:***	001
Spiller Address:	139 NORTH TENTH	***Contact Name:***	PHIL FAZIN
Spiller City:	BROOKLYN	***Contact Phone:***	(516) 375-5890
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.719884680		
Longitude:	-73.956442830		

Material Information

OP Unit ID:	873086	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	560016	***Med GW:***	False
Material Code:	0001A	***Med SW:***	False
Material Name:	#2 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Tank Test Information

Spill Tank ID:	1528698	***Source:***	
Tank No:		***Leak Rate:***	.00
Tank SIze:	3000	***Gross Fail:***	
Material:	0001	***Modified by:***	Spills
EPA UST:		***Last Modified:***	2004-10-01 04:00:45.140000000
UST:		***Test Method:***	03
Cause:		***Alt Test Method:***	Horner EZ Check I or II

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183 | ***1 of 1*** | ***ESE*** | ***0.46 / 2,419.52*** | ***26.17 / 17*** | ***METROPOLITAIN AVE AND ROEBLING ST BROOKLYN NY*** | ***LST***

Spill No:	9713408	***Spill Date:***	1998-03-03 20:25:00
Site ID:	299218	***Rcvd Date:***	1998-03-03 20:43:00
DER Facility ID:	242090	***CAC Date:***	
CID:	371	***Insp Date:***	
Program Type:	ER	***Close Date:***	1998-03-04 00:00:00
SWIS Code:	4301	***Create Date:***	1998-03-03 00:00:00
Contribute Factor:	Tank Overfill	***Update Date:***	1998-03-05 00:00:00
Water Body:		***DEC Region:***	2
Source:	Passenger Vehicle	***Lead DEC:***	KGHALE
Class:	C4	***Reported by:***	Fire Department
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Richmond
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

someone overfilled their cars gas tank - cleanup in progress

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was HALE

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	UNKNOWN	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	
Spiller City:		***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.709459994		
Longitude:	-73.960642000		

Material Information

OP Unit ID:	1056267	***Med Air:***	False
OU:	01	***Med in Air:***	False

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Material ID:	324426	**Med GW:**	False
Material Code:	0008	**Med SW:**	False
Material Name:	diesel	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	30.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

184	1 of 1	E	0.46 / 2,428.42	23.24 / 14	**WINTER RESIDENCE** **167 N. 9TH ST** **BROOKLYN NY**	LST

Spill No:	0701659	**Spill Date:**	2007-05-09 14:00:00
Site ID:	381213	**Rcvd Date:**	2007-05-09 17:10:00
DER Facility ID:	330604	**CAC Date:**	
CID:	410	**Insp Date:**	
Program Type:	ER	**Close Date:**	2007-05-10 00:00:00
SWIS Code:	2401	**Create Date:**	2007-05-10 05:27:00
Contribute Factor:	Tank Overfill	**Update Date:**	2007-05-10 08:14:23.560000000
Water Body:		**DEC Region:**	2
Source:	Private Dwelling	**Lead DEC:**	jbvought
Class:		**Reported by:**	Responsible Party
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Kings
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

SPILL ONTO BASEMENT FLOOR, CLEANUP COMPLETE:

DEC Remark:

05/10/07-Vought-Off hours responder. Vought called Winters and left message to return call to cell phone. Vought called Vijax and spoke to Anthony Rotello and cause of spill was bad gauge. Spill came out of gauge and onto concrete floor. No sewers or drains affected. Rotello confirmed that spill amount less than five gallons. Gauge will be replaced. No spill out of vent pipe. Vought received call from resident (Ms Winter) is satsified with cleanup and confirmed that spill on concrete and no sewers or drains affected. Vought provided contact info in case additional issues arrise. Spill closed by Vought.

Spiller Information

Spiller Name:	ANTHONY LOSQUADRO	**Spiller Zip:**	11237
Spiller Company:	FIJAX FUEL CORP	**Spiller Country:**	001
Spiller Address:	222 VARICK AVE	**Contact Name:**	MR. WINTER
Spiller City:	BROOKLYN	**Contact Phone:**	(718) 388-3142
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.718812000		
Longitude:	-73.956186000		

Material Information

OP Unit ID:	1138681	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	2128675	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	5.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	5.00	**Oxygenate:**	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
185	1 of 3	SSW	0.47 / 2,466.92	16.41 / 7	416 Kent Avenue 416 Kent Avenue Brooklyn NY 11249	BROWNFIELDS

Site Code:	502497	**Site Code (GIS):**	C224200
HW Code:	C224200	**Site Class (GIS):**	C
Site Class:	C	**Address1 (GIS):**	416 Kent Avenue
Site Address:	416 Kent Avenue	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11249	**ZIP Code (GIS):**	11249
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587057.38169
Acres:	1.056	**Y Coord (GIS):**	4507112.81759
Record Added:	2014-12-02 13:50:00	**Method:**	1.1
Record Update:	2018-12-06 11:45:00	**Accuracy:**	None
Updated by:	JEBROWN	**Latitude (GIS):**	40.7103330280898
Latitude:	40.710333333	**Longitude (GIS):**	-73.9693611131267
Longitude:	-73.969361111		

Site Name: 416 Kent Avenue

Site Name (GIS): 416 Kent Avenue

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Program: BCP

Program Desc: BCP

Assess DOH: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The 416 Kent Avenue site is located in an urban area along the East River in Brooklyn, Kings County. The site is on the southern portion of the city block bordered by what would be an extension of Broadway followed by Block 2467 to the north (paper street), Kent Avenue to the east, what would be an extension of South 8th Street to the south (paper street) followed by Block 2134, and the East River to the west. Site Features: The irregularly-shaped site encompasses an area of approximately 46,000 square feet (1.056 acres). Currently the site is under construction for a 22-story residential building with subgrade parking and retail space, first- and second-floor amenity space, ground floor retail space with residential use beginning on the second floor. Current Zoning and Land Use: The site is located in zoning districts R7-3 and C4-3. Zone C4-3 encompasses approximately 3,900 square feet of the property, and the remaining approximately 42,100 square feet is in zoning district R7-3 with a C2-4 commercial overlay. The property will be mixed-use with residential and commercial spaces. Past Use of the Site: Past land uses associated with the site include a ferry terminal (1887), vacant land (1935 to 1965) and a trucking company (2001 to circa 2012). Site Geology and Hydrogeology: The subsurface strata at the site consists of historic urban fill characterized by dark gray and brown fine to coarse-grained sand with varying amounts of brick, concrete, gravel, organic clay, coal, and slag extending to depths ranging from 2 to 13 feet below ground surface (bgs) in the majority of the site and up to 24 feet bgs next to the East River. The fill layer is underlain by sand and silt layers with trace gravel and mica schist. Bedrock underlying the site is part of the Hartland Formation and depth to bedrock is approximately 75 to 100 feet bgs. Groundwater is between 6 and 15 feet bgs and is flowing to the west, toward the East River.

Assessment:

Remediation at the site is complete. Prior to remediation the contaminants of concern included certain metals, volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Remedial actions have successfully achieved the restricted residential soil cleanup objectives, which allow for the site's residential and commercial use. Endpoint samples collected and analyzed across the site confirmed the success of the remedial action. The site requires an institutional control, in the form of an environmental easement, and engineering controls in the form of a soil cover system and

submembrane depressurization system. A Site Management Plan (SMP) was completed to manage remaining contamination at the site and includes an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details and steps and media-specific requirements necessary to ensure these controls remain in place and effective.

Materials Information

Waste Name:	MERCURY	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	tetrachloroethene (PCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	TETRACHLOROETHYLENE (PCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	TRICHLOROETHENE (TCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	BENZO(B)FLUORANTHENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	LEAD	***Waste Quantity:***	UNKNOWN
Waste Code:			

Owner Information

Seq No:	0000001	***Owner Street:***	c/o Spitzer Enterprises
Sub Type:	E	***Owner Street 2:***	555 Madison Avenue
Own Op:	01	***Owner City:***	New York
Owner Name:	Charles Morisi	***Owner State:***	NY
Owner Company:	420 Kent Avenue LLC	***Owner Zip:***	10022
Country:	United States of America		
Seq No:	0000001	***Owner Street:***	c/o Spitzer Enterprises
Sub Type:	P03	***Owner Street 2:***	555 Madison Avenue
Own Op:	06	***Owner City:***	New York
Owner Name:	Charles Morisi	***Owner State:***	NY
Owner Company:	420 Kent Avenue LLC	***Owner Zip:***	10022
Country:	United States of America		
Seq No:	0000001	***Owner Street:***	420 Kent Avenue
Sub Type:	E	***Owner Street 2:***	
Own Op:	04	***Owner City:***	Williamsburg
Owner Name:		***Owner State:***	NY
Owner Company:	Cine Magic Riverfront Studios	***Owner Zip:***	11249
Country:	United States of America		
Seq No:	0000001	***Owner Street:***	240 Division Avenue
Sub Type:	NNN	***Owner Street 2:***	
Own Op:	19	***Owner City:***	Brooklyn
Owner Name:	Catherine Skrzypek	***Owner State:***	NY
Owner Company:	Brooklyn Public Library - Williamsburg	***Owner Zip:***	11211
Country:	United States of America		

HW Extra Information

Dump:	False	***Disposal Start:***	
Structure:	False	***Disposal Terminate:***	
Lagoon:	False	***Latitude:***	
Landfill:	False	***Longitude:***	
Pond:	False	***Record Added:***	2014-12-02 15:32:00
Dell:		***Record Updated:***	2018-11-26 11:51:00
Updated By:	JXGRECO		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Projects Information

Project Code:	02	***Operable Unit ID:***	1251867
Project Desc:	Remedial Investigation	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2015-05-29 00:00:00	***Code Name:***	Remedial Investigation
End Status:	ACT		
Project Code:	04	***Operable Unit ID:***	1251867
Project Desc:	Remedial Design	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2015-06-01 00:00:00	***Code Name:***	Remedial Design
End Status:	ACT		
Project Code:	25	***Operable Unit ID:***	1255514
Project Desc:		***Operable Unit:***	00
Project Refer Name:		***Operable Unit Desc:***	Site Management
End Date:	2018-12-03 00:00:00	***Code Name:***	Certificate of Completion
End Status:	ACT		
Project Code:	05	***Operable Unit ID:***	1251867
Project Desc:	Remedial Action	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2018-12-03 00:00:00	***Code Name:***	Remedial Action
End Status:	ACT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
185	2 of 3	SSW	0.47 / 2,466.92	16.41 / 7	416 Kent Avenue 416 Kent Avenue Brooklyn NY 11249	ENG

Site Code:	502497	***Site Code (GIS):***	C224200
HW Code:	C224200	***Site Class (GIS):***	C
Site Class:	C	***Address 1 (GIS):***	416 Kent Avenue
Control Type:	ENG	***Locality (GIS):***	Brooklyn
Program:	BCP	***Zip Code (GIS):***	11249
Program Desc:	BCP	***County (GIS):***	Kings
SWIS:	2401	***Town (GIS):***	New York City
Acres:	1.056	***Region (GIS):***	2
Site Address:	416 Kent Avenue	***X Coord (GIS):***	587057.38169
City:	Brooklyn	***Y Coord (GIS):***	4507112.81759
ZIP:	11249	***Method:***	1.1
County:	Kings	***Accuracy:***	None
Region:	2	***Accuracy Unit:***	
Town:	New York City	***Latitude (GIS):***	40.7103330280898
Latitude:	40.710333333	***Longitude (GIS):***	-73.9693611131267
Longitude:	-73.969361111		
Site Name:	416 Kent Avenue		
Site Name (GIS):	416 Kent Avenue		
Address 2 (GIS):			

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The

Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Assess DOH: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Description:

Location: The 416 Kent Avenue site is located in an urban area along the East River in Brooklyn, Kings County. The site is on the southern portion of the city block bordered by what would be an extension of Broadway followed by Block 2467 to the north (paper street), Kent Avenue to the east, what would be an extension of South 8th Street to the south (paper street) followed by Block 2134, and the East River to the west. Site Features: The irregularly-shaped site encompasses an area of approximately 46,000 square feet (1.056 acres). Currently the site is under construction for a 22-story residential building with subgrade parking and retail space, first- and second-floor amenity space, ground floor retail space with residential use beginning on the second floor. Current Zoning and Land Use: The site is located in zoning districts R7-3 and C4-3. Zone C4-3 encompasses approximately 3,900 square feet of the property, and the remaining approximately 42,100 square feet is in zoning district R7-3 with a C2-4 commercial overlay. The property will be mixed-use with residential and commercial spaces. Past Use of the Site: Past land uses associated with the site include a ferry terminal (1887), vacant land (1935 to 1965) and a trucking company (2001 to circa 2012). Site Geology and Hydrogeology: The subsurface strata at the site consists of historic urban fill characterized by dark gray and brown fine to coarse-grained sand with varying amounts of brick, concrete, gravel, organic clay, coal, and slag extending to depths ranging from 2 to 13 feet below ground surface (bgs) in the majority of the site and up to 24 feet bgs next to the East River. The fill layer is underlain by sand and silt layers with trace gravel and mica schist. Bedrock underlying the site is part of the Hartland Formation and depth to bedrock is approximately 75 to 100 feet bgs. Groundwater is between 6 and 15 feet bgs and is flowing to the west, toward the East River.

Assessment:

Remediation at the site is complete. Prior to remediation the contaminants of concern included certain metals, volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Remedial actions have successfully achieved the restricted residential soil cleanup objectives, which allow for the site's residential and commercial use. Endpoint samples collected and analyzed across the site confirmed the success of the remedial action. The site requires an institutional control, in the form of an environmental easement, and engineering controls in the form of a soil cover system and submembrane depressurization system. A Site Management Plan (SMP) was completed to manage remaining contamination at the site and includes an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details and steps and media-specific requirements necessary to ensure these controls remain in place and effective.

Controls Information

Control Code:	13	***Record Added Date:***	2018-08-24 13:54:19.573000000
Control Name:	Vapor Mitigation	***Record Updated Date:***	2018-12-27 09:41:00.313000000
Control Type:	ENG	***Updated By:***	SMQUANDT
In Place Date:	2015-10-22 00:00:00		

Control Code:	15	***Record Added Date:***	2018-08-24 13:54:19.573000000
Control Name:	Cover System	***Record Updated Date:***	2018-12-27 09:41:00.313000000
Control Type:	ENG	***Updated By:***	SMQUANDT
In Place Date:	2015-10-22 00:00:00		

Materials Information

Waste Name:	MERCURY	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	TRICHLOROETHENE (TCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	TETRACHLOROETHYLENE (PCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	LEAD	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	BENZO(B)FLUORANTHENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	tetrachloroethene (PCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			

Owner Information

Own Op:	04	**Owner Street:**	420 Kent Avenue
Seq No:	0000001	**Owner Street 2:**	
Sub Type:	E	**Owner City:**	Williamsburg
Owner Name:		**Owner State:**	NY
Owner Company:	Cine Magic Riverfront Studios	**Owner Zip:**	11249
Country:	United States of America		

Own Op:	19	**Owner Street:**	240 Division Avenue
Seq No:	0000001	**Owner Street 2:**	
Sub Type:	NNN	**Owner City:**	Brooklyn
Owner Name:	Catherine Skrzypek	**Owner State:**	NY
Owner Company:	Brooklyn Public Library - Williamsburg	**Owner Zip:**	11211
Country:	United States of America		

Own Op:	06	**Owner Street:**	c/o Spitzer Enterprises
Seq No:	0000001	**Owner Street 2:**	555 Madison Avenue
Sub Type:	P03	**Owner City:**	New York
Owner Name:	Charles Morisi	**Owner State:**	NY
Owner Company:	420 Kent Avenue LLC	**Owner Zip:**	10022
Country:	United States of America		

Own Op:	01	**Owner Street:**	c/o Spitzer Enterprises
Seq No:	0000001	**Owner Street 2:**	555 Madison Avenue
Sub Type:	E	**Owner City:**	New York
Owner Name:	Charles Morisi	**Owner State:**	NY
Owner Company:	420 Kent Avenue LLC	**Owner Zip:**	10022
Country:	United States of America		

HW Extra Information

Dump:	False	**Disposal Started:**	
Structure:	False	**Disposal Terminate:**	
Lagoon:	False	**Latitude:**	
Landfill:	False	**Longitude:**	
Pond:	False	**Record Added:**	2014-12-02 15:32:00
Dell:		**Record Updated:**	2018-11-26 11:51:00
Updated by:	JXGRECO		

Projects Information

Project Code:	02	**Operable Unit ID:**	1251867
Project Desc:	Remedial Investigation	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2015-05-29 00:00:00	**Code Name:**	Remedial Investigation
End Status:	ACT		

Project Code:	05	**Operable Unit ID:**	1251867
Project Desc:	Remedial Action	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2018-12-03 00:00:00	**Code Name:**	Remedial Action
End Status:	ACT		

Project Code:	04	**Operable Unit ID:**	1251867
Project Desc:	Remedial Design	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2015-06-01 00:00:00	**Code Name:**	Remedial Design
End Status:	ACT		

Project Code:	25	**Operable Unit ID:**	1255514
Project Desc:		**Operable Unit:**	00
Project Refer Name:		**Operable Unit Desc:**	Site Management
End Date:	2018-12-03 00:00:00	**Code Name:**	Certificate of Completion
End Status:	ACT		

185	3 of 3	SSW	0.47 / 2,466.92	16.41 / 7	416 Kent Avenue 416 Kent Avenue	INST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					Brooklyn NY 11249	

Site Code:	502497	**Site Code (GIS):**	C224200
HW Code:	C224200	**Site Class (GIS):**	C
Site Class:	C	**Address 1 (GIS):**	416 Kent Avenue
Control Type:	INST	**Locality (GIS):**	Brooklyn
Program:	BCP	**Zip Code (GIS):**	11249
Program Desc:	BCP	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Site Address:	416 Kent Avenue	**Region (GIS):**	2
City:	Brooklyn	**X Coord (GIS):**	587057.38169
ZIP:	11249	**Y Coord (GIS):**	4507112.81759
County:	Kings	**Method:**	1.1
Region:	2	**Accuracy:**	None
Town:	New York City	**Latitude (GIS):**	40.7103330280898
Latitude:	40.710333333	**Longitude (GIS):**	-73.9693611131267
Longitude:	-73.969361111	**Acres:**	1.056

Site Name: 416 Kent Avenue
Site Name (GIS): 416 Kent Avenue
Address 2 (GIS):

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Assess DOH: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Description:

Location: The 416 Kent Avenue site is located in an urban area along the East River in Brooklyn, Kings County. The site is on the southern portion of the city block bordered by what would be an extension of Broadway followed by Block 2467 to the north (paper street), Kent Avenue to the east, what would be an extension of South 8th Street to the south (paper street) followed by Block 2134, and the East River to the west. Site Features: The irregularly-shaped site encompasses an area of approximately 46,000 square feet (1.056 acres). Currently the site is under construction for a 22-story residential building with subgrade parking and retail space, first- and second-floor amenity space, ground floor retail space with residential use beginning on the second floor. Current Zoning and Land Use: The site is located in zoning districts R7-3 and C4-3. Zone C4-3 encompasses approximately 3,900 square feet of the property, and the remaining approximately 42,100 square feet is in zoning district R7-3 with a C2-4 commercial overlay. The property will be mixed-use with residential and commercial spaces. Past Use of the Site: Past land uses associated with the site include a ferry terminal (1887), vacant land (1935 to 1965) and a trucking company (2001 to circa 2012). Site Geology and Hydrogeology: The subsurface strata at the site consists of historic urban fill characterized by dark gray and brown fine to coarse-grained sand with varying amounts of brick, concrete, gravel, organic clay, coal, and slag extending to depths ranging from 2 to 13 feet below ground surface (bgs) in the majority of the site and up to 24 feet bgs next to the East River. The fill layer is underlain by sand and silt layers with trace gravel and mica schist. Bedrock underlying the site is part of the Hartland Formation and depth to bedrock is approximately 75 to 100 feet bgs. Groundwater is between 6 and 15 feet bgs and is flowing to the west, toward the East River.

Assessment:

Remediation at the site is complete. Prior to remediation the contaminants of concern included certain metals, volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Remedial actions have successfully achieved the restricted residential soil cleanup objectives, which allow for the site's residential and commercial use. Endpoint samples collected and analyzed across the site confirmed the success of the remedial action. The site requires an institutional control, in the form of an environmental easement, and engineering controls in the form of a soil cover system and submembrane depressurization system. A Site Management Plan (SMP) was completed to manage remaining contamination at the site and includes an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details and steps and media-specific requirements necessary to ensure these controls remain in place and effective.

Controls Information

Control Code:	14	***Record Added Date:***	2018-08-24 13:54:19.573000000
Control Name:	Soil Management Plan	***Record Updated Date:***	2018-12-27 09:41:00.313000000
Control Type:	INST	***In Place Date:***	2015-10-22 00:00:00
Updated By:	SMQUANDT		
Control Code:	25	***Record Added Date:***	2018-08-24 13:54:19.573000000
Control Name:	Landuse Restriction	***Record Updated Date:***	2018-12-27 09:41:00.313000000
Control Type:	INST	***In Place Date:***	2015-10-22 00:00:00
Updated By:	SMQUANDT		
Control Code:	31	***Record Added Date:***	2018-08-24 13:54:19.573000000
Control Name:	Monitoring Plan	***Record Updated Date:***	2018-12-27 09:41:00.313000000
Control Type:	INST	***In Place Date:***	2015-10-22 00:00:00
Updated By:	SMQUANDT		
Control Code:	32	***Record Added Date:***	2018-08-24 13:54:19.573000000
Control Name:	Site Management Plan	***Record Updated Date:***	2018-12-27 09:41:00.313000000
Control Type:	INST	***In Place Date:***	2015-10-22 00:00:00
Updated By:	SMQUANDT		
Control Code:	33	***Record Added Date:***	2018-08-24 13:54:19.573000000
Control Name:	O&M Plan	***Record Updated Date:***	2018-12-27 09:41:00.313000000
Control Type:	INST	***In Place Date:***	2015-10-22 00:00:00
Updated By:	SMQUANDT		
Control Code:	J	***Record Added Date:***	2018-08-24 13:54:19.573000000
Control Name:	Environmental Easement	***Record Updated Date:***	2018-12-27 09:41:00.313000000
Control Type:	INST	***In Place Date:***	2015-10-22 00:00:00
Updated By:	SMQUANDT		
Control Code:	34	***Record Added Date:***	2018-08-24 13:54:19.573000000
Control Name:	IC/EC Plan	***Record Updated Date:***	2018-12-27 09:41:00.313000000
Control Type:	INST	***In Place Date:***	2015-10-22 00:00:00
Updated By:	SMQUANDT		
Control Code:	08	***Record Added Date:***	2018-08-24 13:54:19.573000000
Control Name:	Ground Water Use Restriction	***Record Updated Date:***	2018-12-27 09:41:00.313000000
Control Type:	INST	***In Place Date:***	2015-10-22 00:00:00
Updated By:	SMQUANDT		

Materials Information

Waste Name:	TRICHLOROETHENE (TCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	TETRACHLOROETHYLENE (PCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	BENZO(B)FLUORANTHENE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	tetrachloroethene (PCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	LEAD	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	MERCURY	***Waste Quantity:***	UNKNOWN
Waste Code:			

Owner Information

Owner Op:	01	**Owner Street 2:**	555 Madison Avenue
Seq No:	0000001	**Owner City:**	New York
Sub Type:	E	**Owner State:**	NY
Owner Name:	Charles Morisi	**Owner Zip:**	10022
Owner Company:	420 Kent Avenue LLC	**Country:**	United States of America
Owner Street:	c/o Spitzer Enterprises		

Owner Op:	06	**Owner Street 2:**	555 Madison Avenue
Seq No:	0000001	**Owner City:**	New York
Sub Type:	P03	**Owner State:**	NY
Owner Name:	Charles Morisi	**Owner Zip:**	10022
Owner Company:	420 Kent Avenue LLC	**Country:**	United States of America
Owner Street:	c/o Spitzer Enterprises		

Owner Op:	04	**Owner Street 2:**	
Seq No:	0000001	**Owner City:**	Williamsburg
Sub Type:	E	**Owner State:**	NY
Owner Name:		**Owner Zip:**	11249
Owner Company:	Cine Magic Riverfront Studios	**Country:**	United States of America
Owner Street:	420 Kent Avenue		

Owner Op:	19	**Owner Street 2:**	
Seq No:	0000001	**Owner City:**	Brooklyn
Sub Type:	NNN	**Owner State:**	NY
Owner Name:	Catherine Skrzypek	**Owner Zip:**	11211
Owner Company:	Brooklyn Public Library - Williamsburg	**Country:**	United States of America
Owner Street:	240 Division Avenue		

HW Extra Information

Dump:	False	**Disposal Start:**	
Structure:	False	**Disposal Terminate:**	
Lagoon:	False	**Latitude:**	
Landfill:	False	**Longitude:**	
Pond:	False	**Record Added:**	2014-12-02 15:32:00
Dell:		**Record Updated:**	2018-11-26 11:51:00
Updated By:	JXGRECO		

Projects Information

Project Code:	04	**Operable Unit ID:**	1251867
Project Desc:	Remedial Design	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2015-06-01 00:00:00	**Code Name:**	Remedial Design
End Status:	ACT		

Project Code:	05	**Operable Unit ID:**	1251867
Project Desc:	Remedial Action	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2018-12-03 00:00:00	**Code Name:**	Remedial Action
End Status:	ACT		

Project Code:	25	**Operable Unit ID:**	1255514
Project Desc:		**Operable Unit:**	00
Project Refer Name:		**Operable Unit Desc:**	Site Management
End Date:	2018-12-03 00:00:00	**Code Name:**	Certificate of Completion
End Status:	ACT		

Project Code:	02	**Operable Unit ID:**	1251867
Project Desc:	Remedial Investigation	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2015-05-29 00:00:00	**Code Name:**	Remedial Investigation
End Status:	ACT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
186	1 of 2	E	0.47 / 2,467.23	19.46 / 10	Former Sterling Transformer Corp. 510 Driggs Avenue	BROWNFIELDS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					Brooklyn NY 11211	

Site Code:	502541	**Site Code (GIS):**	C224203
HW Code:	C224203	**Site Class (GIS):**	A
Site Class:	A	**Address1 (GIS):**	510 Driggs Avenue
Site Address:	510 Driggs Avenue	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11211	**ZIP Code (GIS):**	11211
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	588186.44968
Acres:	0.400	**Y Coord (GIS):**	4507977.01353
Record Added:	2014-12-03 15:24:00	**Method:**	4.2
Record Update:	2018-06-11 09:51:00	**Accuracy:**	Variable
Updated by:	RKCORCOR	**Latitude (GIS):**	40.7179969008463
Latitude:	40.717997222	**Longitude (GIS):**	-73.9558750022571
Longitude:	-73.955875000		

Site Name: Former Sterling Transformer Corp.

Site Name (GIS): Former Sterling Transformer Corp.

Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Program: BCP

Program Desc: BCP

Assess DOH: Since the site is fenced and covered by asphalt or concrete, people will not come into contact with site-related soil and groundwater contamination unless they dig below the ground surface. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because there are no on-site buildings, inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site development. In addition, sampling indicates soil vapor intrusion is a concern for off-site buildings.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The site is located in the Williamsburg section of the borough of Brooklyn, NY. The site has about175 feet of frontage along Driggs Avenue and 100 feet of frontage along North 8th Street. Site Features: The property is currently developed with an asphalt-paved parking lot, with a small unoccupied attendant's booth. Current Zoning and Land Use: The property is currently a vacant parking lot. The site is zoned commercial/industrial/high density residential (M1-2/R6A and R6B). Allowable uses include light manufacturing, warehouses, wholesalers, and multi-story residential buildings. Past use of the Site: Based on a map dated 1855, the property is believed to have been occupied by a manufactured gas plant (MGP). The MGP was demolished by 1887. By 1942, southern portions of the site were developed with a garage. Between 1942 and 1951, the garage was converted to an industrial building and occupied by a chair manufacturer. The chair manufacturer was replaced by a transformer manufacturer circa 1965 and later by a food warehouse circa 1991. Both buildings were demolished in 2006 and replaced with the existing parking lot. Geology and Hydrogeology: Soil at the site is described as historic fill materials to a depth of about 15 feet below the surface followed by native brown fine sand with silt and some clay. Groundwater is present at about 12 feet below ground surface, and flows to the northeast.

Assessment:

Nature and Extent of Contamination A Remedial Investigation (RI) was conducted at the site in August and September 2015. Soil and groundwater samples were analyzed for Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Metals, Polychlorinated Biphenyls (PCBs) and Pesticides. Soil vapor samples were analyzed for VOCs. Soil borings in the southern half of the site encountered refusal between 18 and 21 feet below ground surface (bgs), in the vicinity of the suspected former MGP gas holder foundation. A source area near the location of the former MGP gas holder is suspected due to the presence of non-aqueous phase liquids (NAPL) and elevated levels of petroleum VOCs, chlorinated VOCs (CVOCs), and naphthalene. The following are the results for each medium sampled: Soil: Results of the RI show that fill materials are present to a depth of about 15 feet bgs. Chlorinated and petroleum-related VOCs were reported above unrestricted use soil cleanup objectives (SCOs) in samples collected in the southern portion of the site from 10 to 21 feet bgs. Compounds included benzene (up to 0.89 parts per million (ppm)), chrysene (up to 38 ppm,

naphthalene (up to 620 ppm) and vinyl chloride (up to 2.6 ppm). The unrestricted use SCOs for benzene, chrysene, naphthalene and vinyl chloride are 0.06 ppm, 1 ppm, 12 ppm and 0.02 ppm, respectively. SVOCs were detected above unrestricted use SCOs throughout the site at all sampled depths. Compounds included benz(a)anthracene (150 ppm) benzo(a)pyrene (86 ppm), benzo(b)fluoranthracene (100 ppm), chrysene (120 ppm), dibenz(a,h)anthracene (4.2 ppm), and indeno(1,2,3-cd)pyrene (27 ppm). The unrestricted use SCOs for benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthracene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene are 1 ppm, 1ppm, 1 ppm, 1 ppm, 0.33 ppm, and 0.5 ppm, respectively. Off-site investigation of soil was not conducted as part of the RI. Metals including chromium, mercury, and lead were detected up to 121 ppm. Pesticides including chlordane, a-chlordane 4,4'-DDT, 4,4'-DDE, and deildrin were detected up to .97 ppm. Detections of metals and pesticides were predominantly at the 0 - 5 foot sampling depth. PCBs were not detected during environmental sampling. Groundwater: CVOCs were reported above ambient water quality standards (AWQS) at all of the sample locations, with pure solvent found in the southern portion of the site and elevated concentrations (up to 1,200 parts per billion, or ppb, of cis-1,2-dichloroethene) in the southeast corner of the site. The AWQS for cis-1,2-dichloroethene is 5 ppb. Benzene and SVOCs were also detected above AWQS in several monitoring wells. Benzene was detected up to 4,300 ppb in the central portion of the site. SVOCs including ben(a)anthracene, benzo(a)pyrene, benzo(b)flouranthene, chrysene, and indeno(1,2,3-cd)pyrene, were detected between 0.02 and 0.35 ppb, predominantly in the western portion of the site. Metals including iron, sodium, and manganese were detected above standards at levels commonly observed throughout Brooklyn due to historic over pumping of groundwater in the area. PCBs were not detected during environmental sampling. Data indicates potential off-site impacts in groundwater related to this site. Soil Vapor: Chlorinated solvents were reported in all of the soil vapor samples, with the highest levels (vinyl chloride at 116,000 micrograms (ug)/cubic meter) in the eastern portion of the site. Petroleum-related compounds were detected in soil vapor samples. Benzene was the highest petroleum- related compound at 1,240 ug/cubic meter, detected in the eastern portion of the lot. All other petroleum related compounds were detected between 2.26 ug/cubic meter and 390 ug/cubic meter. Data indicates potential off-site impacts in soil vapor related to this site.

Materials Information

Waste Name:	fluoranthene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	indeno(1,2,3-CD)pyrene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	chrysene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	benzo(a)anthracene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	pyrene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	benzo(b)fluoranthene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	dibenz[a,h]anthracene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	xylene (mixed)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	ethylbenzene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	vinyl chloride	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	benzene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	cis-1,2-dichloroethene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	benzo(a)pyrene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	fluorine	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	toluene	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	naphthalene	**Waste Quantity:**	UNKNOWN
Waste Code:			

Owner Information

Seq No:	0000002	**Owner Street:**	435 Graham Avenue
Sub Type:	NNN	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:	Dealice Fuller	**Owner State:**	NY
Owner Company:	Brooklyn community Board 1	**Owner Zip:**	11211
Country:	United States of America		

Seq No:	0000001	**Owner Street:**	266 Broadway, Suite 501
Sub Type:	P03	**Owner Street 2:**	
Own Op:	06	**Owner City:**	Brooklyn
Owner Name:	Michael Kohn	**Owner State:**	NY
Owner Company:	187 North 8 Street Owner LLC	**Owner Zip:**	11211
Country:	United States of America		

Seq No:	0000001	**Owner Street:**	81 Devoe Street
Sub Type:	NNN	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Company:	Brooklyn Public Library - Leonard Branch	**Owner Zip:**	11211
Country:	United States of America		

Seq No:	0000002	**Owner Street:**	2329 Nostrand Avenue
Sub Type:	P03	**Owner Street 2:**	
Own Op:	06	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Owner Company:	Driggs Partners LLC	**Owner Zip:**	11210
Country:	United States of America		

Seq No:	0000001	**Owner Street:**	266 Broadway Suite 501
Sub Type:	06	**Owner Street 2:**	
Own Op:	01	**Owner City:**	Brooklyn
Owner Name:	Michael Kohn	**Owner State:**	NY
Owner Company:	187 North 8 Street Owner LLC	**Owner Zip:**	11211
Country:	United States of America		

HW Extra Information

Dump:	False	**Disposal Start:**	
Structure:	False	**Disposal Terminate:**	
Lagoon:	False	**Latitude:**	
Landfill:	False	**Longitude:**	
Pond:	False	**Record Added:**	2014-12-11 11:01:00
Dell:		**Record Updated:**	2016-11-03 13:26:00
Updated By:	GTBOBERS		

Projects Information

Project Code:	02	**Operable Unit ID:**	1251911
Project Desc:	Remedial Investigation	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2016-11-09 00:00:00	**Code Name:**	Remedial Investigation
End Status:	ACT		

Project Code:	04	**Operable Unit ID:**	1251911
Project Desc:	Remedial Design	**Operable Unit:**	01
Project Refer Name:		**Operable Unit Desc:**	Remedial Program
End Date:	2016-11-09 00:00:00	**Code Name:**	Remedial Design
End Status:	ACT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
186	2 of 2	E	0.47 / 2,467.23	19.46 / 10	Former Sterling Transformer Corp. - Off-Site 510 Driggs Avenue Brooklyn NY 11211	BROWNFIELDS

Site Code:	533273	**Site Code (GIS):**	C224203A
HW Code:	C224203A	**Site Class (GIS):**	A
Site Class:	A	**Address1 (GIS):**	510 Driggs Avenue
Site Address:	510 Driggs Avenue	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11211	**ZIP Code (GIS):**	11211
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	588186.44968
Acres:		**Y Coord (GIS):**	4507977.01353
Record Added:	2016-10-05 12:46:00	**Method:**	4.2
Record Update:	2018-03-06 15:27:00	**Accuracy:**	Variable
Updated by:	GTBOBERS	**Latitude (GIS):**	40.7179969008463
Latitude:	40.717997222	**Longitude (GIS):**	-73.9558750022571
Longitude:	-73.955875000		

Site Name: Former Sterling Transformer Corp. - Off-Site

Site Name (GIS): Former Sterling Transformer Corp. - Off-Site

Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Program: BCP

Program Desc: BCP

Assess DOH: Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

The area of concern subject to this work is considered off-site from BCP site C224203 and reflects the investigation and possible remediation of contamination that may have migrated from that site. This work is being carried out as provided for under the Environmental Conservation Law Section 27-1411.5. Please see C224203 for further information regarding the status of the site in the Brownfield Cleanup program. Location: The site is located in the Williamsburg section of the borough of Brooklyn, NY. Driggs Avenue bounds the property to the southeast, N 8th Street bounds the property to the southwest, and N 9th Street bounds the property to the north. The site is bound to the west by various mixed-use residential buildings. Site Features: The site consists of multiple tax lots including a paved parking lot and mixed-use residential buildings. Current Zoning and Land Use: The site is currently zoned commercial/industrial/high density residential and general residence (M1-2/R6A and R6B). Allowable uses include light manufacturing, warehouses, wholesalers, and multi-story residential buildings. Past Use of Site: Based on a map dated 1855, the property is believed to have been occupied by a manufactured gas plant (MGP). The MGP was demolished by 1887. By 1942, southern portions of the site were developed with a garage. Between 1942 and 1951, the garage was converted to an industrial building and occupied by a chair manufacturer. The chair manufacturer was replaced by a transformer manufacturer circa 1965 and later by food warehouse around 1991. Both buildings were demolished in 2006 and replaced with the existing parking lot. Geology and Hydrogeology: Soil at the site is described as historic fill materials to a depth of about 15 feet below the surface followed by native brown fine sand with silt and some clay. Groundwater is present at about 12 feet below ground surface, and flows to the northeast.

Assessment:

Nature and Extent of Contamination: Based upon the remedial investigation at the BCP site #C224203, the primary contaminants of concern are expected to be naphthalene, vinyl chloride, and cis-1,2-dichloroethene which were found in the BCP site soil, groundwater, and soil vapor. The BCP site soils also contained some semi-volatile organic compounds (SVOCs), such as benzo(a)pyrene, benzo(a) anthracene and benzo(b)fluoranthene, chrysene, dibenz[a,h]anthracene. The off-site investigation has not begun, therefore this section will be updated to reflect the investigation results as data become available.

Owner Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Seq No:	0000001	**Owner Street:**	266 Broadway Suite 501
Sub Type:	06	**Owner Street 2:**	
Own Op:	01	**Owner City:**	Brooklyn
Owner Name:	Michael Kohn	**Owner State:**	NY
Owner Company:	187 North 8 Street Owner LLC	**Owner Zip:**	11211
Country:	United States of America		

HW Extra Information

Dump:	False	**Disposal Start:**	
Structure:	True	**Disposal Terminate:**	
Lagoon:	False	**Latitude:**	
Landfill:	False	**Longitude:**	
Pond:	False	**Record Added:**	2016-10-20 15:22:00
Dell:		**Record Updated:**	2016-10-21 10:11:00
Updated By:	GTBOBERS		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
187	1 of 1	ENE	0.47 / 2,479.19	20.51 / 11	34 Berry Street 34 Berry Street Brooklyn NY 11249	BROWNFIELDS

Site Code:	564025	**Site Code (GIS):**	C224268
HW Code:	C224268	**Site Class (GIS):**	A
Site Class:	A	**Address1 (GIS):**	34 Berry Street
Site Address:	34 Berry Street	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11249	**ZIP Code (GIS):**	11249
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	588132.03594
Acres:	0.830	**Y Coord (GIS):**	4508330.40539
Record Added:	2017-11-09 14:19:00	**Method:**	1.1
Record Update:	2019-01-22 15:13:00	**Accuracy:**	None
Updated by:	JHOCONNE	**Latitude (GIS):**	40.7211857905739
Latitude:	40.721186111	**Longitude (GIS):**	-73.9564694463061
Longitude:	-73.956469444		

Site Name: 34 Berry Street
Site Name (GIS): 34 Berry Street
Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.
Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.
Program: BCP
Program Desc: BCP
Assess DOH: Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.
Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The Site is located in an urban area in the Williamsburg neighborhood of Brooklyn. The approximately 36,472 square-foot, irregularly shaped Site is bounded to the north by North 12th Street, to the east by Berry Avenue, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The Site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the Site. A basement level parking garage is located under the building and courtyard, with an entrance ramp located on North 11th Street. A small, street-level valet parking lot is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The Site is currently vacant and is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and

commercial properties. Past Use of the Site: Historic records indicated that the Site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the Site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the Site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility in the southwestern portion of the Site, and a parking lot in the eastern portion of the Site containing two gasoline tanks of unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). Shallow subsurface soils encountered during previous investigations included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below grade, underlain by apparent native silty sand and silt. Depth to bedrock at the Site is expected to be approximately 100 feet below ground surface. The dominant groundwater flow direction at the Site is believed to be to the northwest; however, groundwater flow direction may be influenced by tidal fluctuations in the East River. Groundwater is approximately 13 to 14 feet below ground surface (relative to sidewalk grade).

Assessment:

Based on investigations conducted to date, identified contamination at the Site is associated with a petroleum spill. OM&M activities completed to monitor remediation efforts associated with the spill have identified a solvent plume in groundwater, consisting mainly of 1,2-DCA. Soil: Some 34 post-excavation grab samples at depths of 10 to 14 feet below grade revealed high levels of contamination. VOCs namely Chlorobenzene concentrations ranged from 1.6 to 16.2 ppm, 1,3-dichlorobenzene 4.5 ppm, toluene 1.8 ppm and 2-butanone 6.4 ppm compared to UUSCOs of 1.1, 2.4, 0.7 and 0.12 ppm respectively. Groundwater: Groundwater samples taken on a quarterly basis from wells located on-site and off-site revealed LNAPL present in the northeast section of the site. The extent and thickness of the plume has been reduced over the years by the recovery system. Petroleum-related VOCs (namely BTEX)were detected at concentrations ranging from 2.1 ppb to 750 ppb. CVOCs (namely DCA) were detected at concentrations ranging from 0.25 to 2,400 ppb. Soil Vapor: To date no soil vapor samples have been taken at the site. SVI is included in the proposed RIWP.

Owner Information

Seq No:	0000002	***Owner Street:***	435 Graham Avenue
Sub Type:	NNN	***Owner Street 2:***	
Own Op:	19	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY
Owner Company:	Brooklyn Community Board District 1	***Owner Zip:***	11211
Country:	United States of America		

Seq No:	0000001	***Owner Street:***	107 Norman Avenue
Sub Type:	NNN	***Owner Street 2:***	
Own Op:	19	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY
Owner Company:	NYPL - Greenpoint Library	***Owner Zip:***	11222
Country:	United States of America		

Seq No:	0000001	***Owner Street:***	850 Cassatt Road, Suite 300
Sub Type:	P03	***Owner Street 2:***	
Own Op:	01	***Owner City:***	Berwyn
Owner Name:	c/o LCOR Incorporated	***Owner State:***	PA
Owner Company:	34 Berry Street LLC	***Owner Zip:***	19312
Country:	United States of America		

Seq No:	0000001	***Owner Street:***	850 Cassatt Road, Suite 300
Sub Type:	P03	***Owner Street 2:***	
Own Op:	06	***Owner City:***	Berwyn
Owner Name:	Seth Landau	***Owner State:***	PA
Owner Company:	34 Berry Street LLC	***Owner Zip:***	19312
Country:	United States of America		

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188 ***1 of 3*** ***S*** ***0.48 / 2,525.28*** ***39.75 / 30*** ***COLBON OIL COMPANY 108 SOUTH BROADWAY RED HOOK NY*** ***LST***

Spill No:	8708381	***Spill Date:***	1987-12-29 12:00:00
Site ID:	121777	***Rcvd Date:***	1987-12-29 19:44:00
DER Facility ID:	138827	***CAC Date:***	1988-08-04 00:00:00
CID:		***Insp Date:***	1988-08-04 00:00:00
Program Type:	ER	***Close Date:***	1988-08-04 00:00:00
SWIS Code:	1448	***Create Date:***	1987-12-30 00:00:00
Contribute Factor:	Tank Test Failure	***Update Date:***	1988-11-25 00:00:00
Water Body:		***DEC Region:***	3

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source:	Commercial/Industrial	**Lead DEC:**	jeokesso
Class:	D3	**Reported by:**	Tank Tester
Meets Std:	True	**Referred to:**	
Penalty:	False	**County:**	Dutchess
REM Phase:	0	**After Hours:**	True
UST Trust:	True		
Caller Remark:			

2-3K SYSTEM. TO I & RETEST.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON / / : NOTIFIED OF RESPONSIBILITIES. 02/29/88: WILL REPAIR 1 MONTH FROM 02-29-88 LR. 09/07/88: PBS TO FOLLOW.

Spiller Information

Spiller Name:	MR. COLBURN	**Spiller Zip:**	
Spiller Company:	SAME	**Spiller Country:**	001
Spiller Address:		**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	42.058825597		
Longitude:	-73.914718158		

Material Information

OP Unit ID:	913020	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	463776	**Med GW:**	True
Material Code:	0009	**Med SW:**	False
Material Name:	gasoline	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	.00	**Med Subway:**	False
Units:		**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	False		

Tank Test Information

Spill Tank ID:	1532850	**Source:**	
Tank No:		**Leak Rate:**	.00
Tank Size:	0	**Gross Fail:**	
Material:	0009	**Modified by:**	Spills
EPA UST:		**Last Modified:**	2004-10-01 04:00:45.140000000
UST:		**Test Method:**	00
Cause:		**Alt Test Method:**	Unknown

188	2 of 3	S	0.48 / 2,525.28	39.75 / 30	AGWAY 108 SOUTH BROADWAY RED HOOK NY	LST

Spill No:	8800423	**Spill Date:**	1988-04-13 14:00:00
Site ID:	123288	**Rcvd Date:**	1988-04-13 15:10:00
DER Facility ID:	138827	**CAC Date:**	1988-04-13 00:00:00
CID:		**Insp Date:**	1988-04-13 00:00:00
Program Type:	ER	**Close Date:**	1988-04-13 00:00:00
SWIS Code:	1448	**Create Date:**	
Contribute Factor:	Tank Overfill	**Update Date:**	2003-12-02 00:00:00
Water Body:		**DEC Region:**	3
Source:	Commercial/Industrial	**Lead DEC:**	UNASSIGNED
Class:		**Reported by:**	Responsible Party
Meets Std:	True	**Referred to:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Penalty:	False	**County:**	Dutchess
REM Phase:	0	**After Hours:**	False
UST Trust:	False		
Caller Remark:			

2K TANK OVERFILL CLEANED UP NFA

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was

Spiller Information

Spiller Name:		**Spiller Zip:**	
Spiller Company:	AGWAY	**Spiller Country:**	001
Spiller Address:	SAME	**Contact Name:**	
Spiller City:		**Contact Phone:**	
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	42.058825597		
Longitude:	-73.914718158		

Material Information

OP Unit ID:	917306	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	463130	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	5.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

188	3 of 3	S	0.48 / 2,525.28	39.75 / 30	**CULLEN RESIDENCE** **108 SOUTH BROADWAY** **RED HOOK NY**	LST

Spill No:	9501554	**Spill Date:**	1995-05-06 15:00:00
Site ID:	164654	**Rcvd Date:**	1995-05-06 16:33:00
DER Facility ID:	138827	**CAC Date:**	1995-06-07 00:00:00
CID:		**Insp Date:**	
Program Type:	ER	**Close Date:**	1995-06-07 00:00:00
SWIS Code:	1448	**Create Date:**	
Contribute Factor:	Tank Failure	**Update Date:**	2003-12-02 00:00:00
Water Body:		**DEC Region:**	3
Source:	Private Dwelling	**Lead DEC:**	VPMCCABE
Class:	D4	**Reported by:**	Other
Meets Std:	False	**Referred to:**	
Penalty:	False	**County:**	Dutchess
REM Phase:	0	**After Hours:**	True
UST Trust:	False		
Caller Remark:			

OLD TANK RUSTED ON BOTTOM OWNER REPORTED LEAK TANK PUMPED DRY & SECURED SERVICE MAN ESTIMATES LESS THAN FIVE GAL TANK TO BE REPLACED CLEANED UP

DEC Remark:

Spiller Information

Spiller Name:		**Spiller Zip:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Spiller Company:		**Spiller Country:**	001
Spiller Address:		**Contact Name:**	
Spiller City:	***Update***	**Contact Phone:**	
Spiller State:	ZZ	**Contact Ext:**	
Latitude:	42.058825597		
Longitude:	-73.914718158		

Material Information

OP Unit ID:	1015950	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	370158	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	5.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	.00	**Oxygenate:**	
Med Soil:	True		

189	1 of 2	NE	0.48 / 2,538.95	13.80 / 4	**Former Sunbelt Equipment** **25 KENT AVENUE** **Brooklyn NY 11249**	**BROWNFIELDS**

Site Code:	503484	**Site Code (GIS):**	C224207
HW Code:	C224207	**Site Class (GIS):**	C
Site Class:	C	**Address1 (GIS):**	25 KENT AVENUE
Site Address:	25 KENT AVENUE	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11249	**ZIP Code (GIS):**	11249
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	588018.27566
Acres:	1.830	**Y Coord (GIS):**	4508524.88603
Record Added:	2015-01-06 11:42:00	**Method:**	1.1
Record Update:	2019-01-26 10:27:00	**Accuracy:**	None
Updated by:	JEBROWN	**Latitude (GIS):**	40.7229496811964
Latitude:	40.722950000	**Longitude (GIS):**	-73.9577888912525
Longitude:	-73.957788889		

Site Name: Former Sunbelt Equipment

Site Name (GIS): Former Sunbelt Equipment

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Program: BCP

Program Desc: BCP

Assess DOH: Remedial actions are complete and measures are in place where necessary to control the potential for coming in contact with residual contamination remaining at the site.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The Former Sunbelt Equipment site is located in an urban area in the Williamsburg section of Brooklyn, Kings County. The site is bounded by Wythe Avenue to the east, N 13th Street to the north, Kent Avenue to the west, and N 12th Street to the south. Site Features: The site comprises the full block. The property formerly included two groups of interconnected structures which have been razed. The perimeter of the site is enclosed with 10-ft. tall chain-link, corrugated metal and/or plywood fencing. Concrete block walls, 2-3 feet tall, border portions of the north, east and west property boundaries and are topped by the aforementioned fencing. Current Zoning/Use: The site is currently zoned M1-2 which are often buffers between M2 or M3 districts and adjacent residential or commercial districts. M1 districts include light industrial uses although offices, hotels and most retail uses are also permitted. The property is currently vacant. Surrounding land uses are primarily industrial including a former MGP site and an abandoned major oil storage facility (MOSF); however, both of these sites are slated for redevelopment as parks. Past Use(s) of the Site: Beginning in roughly 1867, the site was part of a large, multi-block petroleum refinery known as the Pratt works. Sanborn fire insurance maps dated 1887 and 1916 show numerous storage tanks related to the Pratt Works, and to paint manufacturing facilities. Subsequent land uses include manufacturing, lumber storage, and a scrap metal yard. Most recently, the property was used for storage and maintenance of heavy construction equipment. Multiple spills have been reported related to petroleum free product observed at the water table near the intersection of Kent Ave and N. 13th St. and in association with underground storage tank (UST) removals. A total of 11 USTs were removed or closed in place and excavation and removal of petroleum contaminated soil was conducted near the northwest corner and at the center of the site. An approximate total of 85 tons of contaminated soil has been excavated and disposed of off-site. Site Geology and Hydrogeology: Regional maps show bedrock as an igneous intrusive known as the Ravenswood granodiorite of middle Ordovician to middle Cambrian age. Soil borings on the site have not encountered bedrock and it is presumed to be in excess of 70 feet below ground surface. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and/or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas. Soil at the site is described as historic fill material to a depth of approximately 8 to 12 feet below the surface underlain by native brown fine sand with silt and some clay. Groundwater at the site is present under water table conditions at a depth of approximately 5 to 12 feet below grade. Local flow on site appears to be to the southeast; however, it is highly likely that overall flow is westward towards the East River.

Assessment:

Prior to Remediation: Sampling data indicate that soil, groundwater and soil vapor have been impacted by on-site and/or off-site contamination. The primary contaminants of concern include metals, VOCs and SVOCs. Soil: Soils contain metals above unrestricted and/or restricted use SCOs including high concentrations of arsenic and lead. Lead concentrations are particularly high in the western portion of the site where concentrations of lead range from 397 to 9,350 parts per million (ppm). Soils throughout the site contain VOCs above unrestricted use SCOs. Visibly petroleum-contaminated soils have been found in several areas near locations where underground storage tanks were once located. SVOCs including benzo(a)anthracene, benzo(a)pyrene and benzo(b)fluoranthene above unrestricted and restricted use SCOs. Benzo(a)pyrene concentrations range from 1 to 13.6 ppm. Site contamination extends to depths of approximately 15 feet. Deeper soils appear to be unimpacted. Groundwater: Groundwater on the site exceeds standards for VOCs. Most notable is benzene at concentrations up to 3,300 parts per billion (ppb). SVOCs include naphthalene at concentrations up to 600 ppb. Both the VOCs and SVOCs appear to be derived from former petroleum tank locations. Soil Vapor: TCE (ND-16.2 ug/m3) PCE (ND-245 ug/m3) and TCA (ND-284 ug/m3) were detected in soil vapor samples collected from the site. These COCs have not been identified in soil or groundwater samples collected at the site and therefore no on-site source has been identified. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were VOCs, SVOCs and metals in soil; VOCs and SVOCs in groundwater; and VOCs in soil vapor. Remedial actions have successfully achieved soil cleanup objectives for unrestricted use over a majority of the site, and restricted residential and commercial use in two small areas of the site. Residual contamination in the soil in these two areas is being managed under a Site Management Plan.

Materials Information

Waste Name:	tetrachloroethene (PCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	trichloroethene (TCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	COPPER	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	benzene, toluene, ethylbenzene and xylenes (BTEX)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	ARSENIC	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	MERCURY	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	Polycyclic Aromatic Hydrocarbons (PAHs), Total	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name: 1,1,1-TRICHLOROETHANE **Waste Quantity:** UNKNOWN
Waste Code:

Waste Name: LEAD **Waste Quantity:** UNKNOWN
Waste Code:

Owner Information

Seq No: 0000001 **Owner Street:** 2929 Arch Street, 28th Floor
Sub Type: 06 **Owner Street 2:**
Own Op: 01 **Owner City:** Philadelphia
Owner Name: Eric Shiela **Owner State:** PA
Owner Company: 19 Kent Acquisition LLC **Owner Zip:** 19104-2868
Country: United States of America

Seq No: 0000003 **Owner Street:** 2929 Arch Street, 28th Floor
Sub Type: P03 **Owner Street 2:**
Own Op: 06 **Owner City:** Philadelphia
Owner Name: Jeremiah Kane **Owner State:** PA
Owner Company: 19 Kent Partners LLC **Owner Zip:** 19104
Country: United States of America

Seq No: 0000001 **Owner Street:** 435 Graham Avenue
Sub Type: C01 **Owner Street 2:**
Own Op: 19 **Owner City:** Brooklyn
Owner Name: Dealice Fuller **Owner State:** NY
Owner Company: Community Board No. 1, Brooklyn **Owner Zip:** 11211
Country: United States of America

Seq No: 0000001 **Owner Street:** 679 Driggs Avenue
Sub Type: P03 **Owner Street 2:**
Own Op: 06 **Owner City:** Brooklyn
Owner Name: Toby Moskovits **Owner State:** NY
Owner Company: 19 Kent Development LLC **Owner Zip:** 11211
Country: United States of America

Seq No: 0000002 **Owner Street:** 2929 Arch Street, 28th Floor
Sub Type: P03 **Owner Street 2:**
Own Op: 06 **Owner City:** Philadelphia
Owner Name: Eric Shiela **Owner State:** PA
Owner Company: 19 Kent Acquisition LLC **Owner Zip:** 19104
Country: United States of America

HW Extra Information

Dump: False **Disposal Start:**
Structure: False **Disposal Terminate:**
Lagoon: False **Latitude:**
Landfill: False **Longitude:**
Pond: False **Record Added:** 2015-01-09 13:33:00
Dell: **Record Updated:** 2017-12-08 15:29:00
Updated By: SXDEYETT

Projects Information

Project Code: 04 **Operable Unit ID:** 1252839
Project Desc: Remedial Design **Operable Unit:** 01
Project Refer Name: Remedial Design **Operable Unit Desc:** Remedial Program
End Date: 2016-12-30 00:00:00 **Code Name:** Remedial Design
End Status: ACT

Project Code: 05 **Operable Unit ID:** 1252839
Project Desc: Remedial Action **Operable Unit:** 01
Project Refer Name: **Operable Unit Desc:** Remedial Program

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

End Date:	2017-12-27 00:00:00	**Code Name:**	Remedial Action
End Status:	ACT		
Project Code:	02	**Operable Unit ID:**	1252839
Project Desc:	Remedial Investigation	**Operable Unit:**	01
Project Refer Name:	RI	**Operable Unit Desc:**	Remedial Program
End Date:	2015-07-31 00:00:00	**Code Name:**	Remedial Investigation
End Status:	ACT		
Project Code:	25	**Operable Unit ID:**	1312568
Project Desc:		**Operable Unit:**	00
Project Refer Name:	Former Sunbelt Equipment	**Operable Unit Desc:**	Site Management
End Date:	2017-12-27 00:00:00	**Code Name:**	Certificate of Completion
End Status:	ACT		

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189 **2 of 2** **NE** **0.48 / 2,538.95** **13.80 / 4** **Former Sunbelt Equipment**
25 KENT AVENUE
Brooklyn NY 11249 **INST**

Site Code:	503484	**Site Code (GIS):**	C224207
HW Code:	C224207	**Site Class (GIS):**	C
Site Class:	C	**Address 1 (GIS):**	25 KENT AVENUE
Control Type:	INST	**Locality (GIS):**	Brooklyn
Program:	BCP	**Zip Code (GIS):**	11249
Program Desc:	BCP	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Site Address:	25 KENT AVENUE	**Region (GIS):**	2
City:	Brooklyn	**X Coord (GIS):**	588018.27566
ZIP:	11249	**Y Coord (GIS):**	4508524.88603
County:	Kings	**Method:**	1.1
Region:	2	**Accuracy:**	None
Town:	New York City	**Latitude (GIS):**	40.7229496811964
Latitude:	40.722950000	**Longitude (GIS):**	-73.9577888912525
Longitude:	-73.957788889	**Acres:**	1.830

Site Name: Former Sunbelt Equipment
Site Name (GIS): Former Sunbelt Equipment
Address 2 (GIS):

Site Class Desc: Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Site Class Desc (GIS): Complete: The classification used for sites where the Department has determined that remediation has been satisfactorily completed under a remedial program (i. e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program, and RCRA Corrective Action Program). State Superfund (Registry) sites must have completed all active operation, maintenance, or monitoring requirements before they can be delisted and made class C. Non-registry sites may be made a class C after successful completion of all required construction or after a no further action remedy has been selected by the Department. These sites will be issued a Certificate of Completion (COC), but may still require ongoing maintenance and periodic certification of institutional/engineering controls (IC/ECs).

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Assess DOH: Remedial actions are complete and measures are in place where necessary to control the potential for coming in contact with residual contamination remaining at the site.

Description:

Location: The Former Sunbelt Equipment site is located in an urban area in the Williamsburg section of Brooklyn, Kings County. The site is bounded by Wythe Avenue to the east, N 13th Street to the north, Kent Avenue to the west, and N 12th Street to the south. Site Features: The site comprises the full block. The property formerly included two groups of interconnected structures which have been razed. The perimeter of the site is enclosed with 10-ft. tall chain-link, corrugated metal and/or plywood fencing. Concrete block walls, 2-3 feet tall, border portions of the north, east and west property boundaries and are topped by the aforementioned fencing. Current Zoning/Use: The site is currently zoned M1-2 which are often buffers between M2 or

M3 districts and adjacent residential or commercial districts. M1 districts include light industrial uses although offices, hotels and most retail uses are also permitted. The property is currently vacant. Surrounding land uses are primarily industrial including a former MGP site and an abandoned major oil storage facility (MOSF); however, both of these sites are slated for redevelopment as parks. Past Use(s) of the Site: Beginning in roughly 1867, the site was part of a large, multi-block petroleum refinery known as the Pratt works. Sanborn fire insurance maps dated 1887 and 1916 show numerous storage tanks related to the Pratt Works, and to paint manufacturing facilities. Subsequent land uses include manufacturing, lumber storage, and a scrap metal yard. Most recently, the property was used for storage and maintenance of heavy construction equipment. Multiple spills have been reported related to petroleum free product observed at the water table near the intersection of Kent Ave and N. 13th St. and in association with underground storage tank (UST) removals. A total of 11 USTs were removed or closed in place and excavation and removal of petroleum contaminated soil was conducted near the northwest corner and at the center of the site. An approximate total of 85 tons of contaminated soil has been excavated and disposed of off-site. Site Geology and Hydrogeology: Regional maps show bedrock as an igneous intrusive known as the Ravenswood granodiorite of middle Ordovician to middle Cambrian age. Soil borings on the site have not encountered bedrock and it is presumed to be in excess of 70 feet below ground surface. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and/or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas. Soil at the site is described as historic fill material to a depth of approximately 8 to 12 feet below the surface underlain by native brown fine sand with silt and some clay. Groundwater at the site is present under water table conditions at a depth of approximately 5 to 12 feet below grade. Local flow on site appears to be to the southeast; however, it is highly likely that overall flow is westward towards the East River.

Assessment:

Prior to Remediation: Sampling data indicate that soil, groundwater and soil vapor have been impacted by on-site and/or off-site contamination. The primary contaminants of concern include metals, VOCs and SVOCs. Soil: Soils contain metals above unrestricted and/or restricted use SCOs including high concentrations of arsenic and lead. Lead concentrations are particularly high in the western portion of the site where concentrations of lead range from 397 to 9,350 parts per million (ppm). Soils throughout the site contain VOCs above unrestricted use SCOs. Visibly petroleum-contaminated soils have been found in several areas near locations where underground storage tanks were once located. SVOCs including benzo(a)anthracene, benzo(a)pyrene and benzo(b)fluoranthene above unrestricted and restricted use SCOs. Benzo(a)pyrene concentrations range from 1 to 13.6 ppm. Site contamination extends to depths of approximately 15 feet. Deeper soils appear to be unimpacted. Groundwater: Groundwater on the site exceeds standards for VOCs. Most notable is benzene at concentrations up to 3,300 parts per billion (ppb). SVOCs include naphthalene at concentrations up to 600 ppb. Both the VOCs and SVOCs appear to be derived from former petroleum tank locations. Soil Vapor: TCE (ND-16.2 ug/m3) PCE (ND-245 ug/m3) and TCA (ND-284 ug/m3) were detected in soil vapor samples collected from the site. These COCs have not been identified in soil or groundwater samples collected at the site and therefore no on-site source has been identified. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were VOCs, SVOCs and metals in soil; VOCs and SVOCs in groundwater; and VOCs in soil vapor. Remedial actions have successfully achieved soil cleanup objectives for unrestricted use over a majority of the site, and restricted residential and commercial use in two small areas of the site. Residual contamination in the soil in these two areas is being managed under a Site Management Plan.

Controls Information

Control Code:	25	***Record Added Date:***	2017-11-29 07:34:08.717000000
Control Name:	Landuse Restriction	***Record Updated Date:***	2017-12-27 14:42:56.747000000
Control Type:	INST	***In Place Date:***	2017-11-09 00:00:00
Updated By:	JJTEETER		
Control Code:	32	***Record Added Date:***	2017-11-29 07:34:08.717000000
Control Name:	Site Management Plan	***Record Updated Date:***	2017-12-27 14:42:56.747000000
Control Type:	INST	***In Place Date:***	2017-11-09 00:00:00
Updated By:	JJTEETER		
Control Code:	J	***Record Added Date:***	2017-11-29 07:34:08.717000000
Control Name:	Environmental Easement	***Record Updated Date:***	2017-12-27 14:42:56.747000000
Control Type:	INST	***In Place Date:***	2017-11-09 00:00:00
Updated By:	JJTEETER		
Control Code:	08	***Record Added Date:***	2017-11-29 07:34:08.717000000
Control Name:	Ground Water Use Restriction	***Record Updated Date:***	2017-12-27 14:42:56.747000000
Control Type:	INST	***In Place Date:***	2017-11-09 00:00:00
Updated By:	JJTEETER		

Materials Information

Waste Name:	1,1,1-TRICHLOROETHANE	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	Polycyclic Aromatic Hydrocarbons (PAHs), Total	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	LEAD	***Waste Quantity:***	UNKNOWN

Waste Code:

Waste Name: COPPER ***Waste Quantity:*** UNKNOWN
Waste Code:

Waste Name: ARSENIC ***Waste Quantity:*** UNKNOWN
Waste Code:

Waste Name: tetrachloroethene (PCE) ***Waste Quantity:*** UNKNOWN
Waste Code:

Waste Name: trichloroethene (TCE) ***Waste Quantity:*** UNKNOWN
Waste Code:

Waste Name: benzene, toluene, ethylbenzene and xylenes (BTEX) ***Waste Quantity:*** UNKNOWN
Waste Code:

Waste Name: MERCURY ***Waste Quantity:*** UNKNOWN
Waste Code:

Owner Information

Owner Op:	06	***Owner Street 2:***	
Seq No:	0000002	***Owner City:***	Philadelphia
Sub Type:	P03	***Owner State:***	PA
Owner Name:	Eric Shiela	***Owner Zip:***	19104
Owner Company:	19 Kent Acquisition LLC	***Country:***	United States of America
Owner Street:	2929 Arch Street, 28th Floor		

Owner Op:	19	***Owner Street 2:***	
Seq No:	0000001	***Owner City:***	Brooklyn
Sub Type:	C01	***Owner State:***	NY
Owner Name:	Dealice Fuller	***Owner Zip:***	11211
Owner Company:	Community Board No. 1, Brooklyn	***Country:***	United States of America
Owner Street:	435 Graham Avenue		

Owner Op:	06	***Owner Street 2:***	
Seq No:	0000003	***Owner City:***	Philadelphia
Sub Type:	P03	***Owner State:***	PA
Owner Name:	Jeremiah Kane	***Owner Zip:***	19104
Owner Company:	19 Kent Partners LLC	***Country:***	United States of America
Owner Street:	2929 Arch Street, 28th Floor		

Owner Op:	01	***Owner Street 2:***	
Seq No:	0000001	***Owner City:***	Philadelphia
Sub Type:	06	***Owner State:***	PA
Owner Name:	Eric Shiela	***Owner Zip:***	19104-2868
Owner Company:	19 Kent Acquisition LLC	***Country:***	United States of America
Owner Street:	2929 Arch Street, 28th Floor		

Owner Op:	06	***Owner Street 2:***	
Seq No:	0000001	***Owner City:***	Brooklyn
Sub Type:	P03	***Owner State:***	NY
Owner Name:	Toby Moskovits	***Owner Zip:***	11211
Owner Company:	19 Kent Development LLC	***Country:***	United States of America
Owner Street:	679 Driggs Avenue		

HW Extra Information

Dump:	False	***Disposal Start:***	
Structure:	False	***Disposal Terminate:***	
Lagoon:	False	***Latitude:***	
Landfill:	False	***Longitude:***	
Pond:	False	***Record Added:***	2015-01-09 13:33:00
Dell:		***Record Updated:***	2017-12-08 15:29:00
Updated By:	SXDEYETT		

Projects Information

Project Code:	05	***Operable Unit ID:***	1252839
Project Desc:	Remedial Action	***Operable Unit:***	01
Project Refer Name:		***Operable Unit Desc:***	Remedial Program
End Date:	2017-12-27 00:00:00	***Code Name:***	Remedial Action
End Status:	ACT		

Project Code:	04	***Operable Unit ID:***	1252839
Project Desc:	Remedial Design	***Operable Unit:***	01
Project Refer Name:	Remedial Design	***Operable Unit Desc:***	Remedial Program
End Date:	2016-12-30 00:00:00	***Code Name:***	Remedial Design
End Status:	ACT		

Project Code:	02	***Operable Unit ID:***	1252839
Project Desc:	Remedial Investigation	***Operable Unit:***	01
Project Refer Name:	RI	***Operable Unit Desc:***	Remedial Program
End Date:	2015-07-31 00:00:00	***Code Name:***	Remedial Investigation
End Status:	ACT		

Project Code:	25	***Operable Unit ID:***	1312568
Project Desc:		***Operable Unit:***	00
Project Refer Name:	Former Sunbelt Equipment	***Operable Unit Desc:***	Site Management
End Date:	2017-12-27 00:00:00	***Code Name:***	Certificate of Completion
End Status:	ACT		

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190 | ***1 of 4*** | ***NE*** | ***0.49 / 2,561.50*** | ***5.45 / -4*** | ***BAYSIDE FUEL***
1 NORTH 12TH STREET
BROOKLYN NY | ***LST***

Spill No:	0411570	***Spill Date:***	2005-01-28 08:57:00
Site ID:	336794	***Rcvd Date:***	2005-01-28 08:57:00
DER Facility ID:	272130	***CAC Date:***	
CID:	444	***Insp Date:***	
Program Type:	ER	***Close Date:***	2006-09-22 00:00:00
SWIS Code:	2401	***Create Date:***	2005-01-28 09:29:00
Contribute Factor:	Tank Overfill	***Update Date:***	2006-09-28 13:25:28.467000000
Water Body:		***DEC Region:***	2
Source:	Commercial Vehicle	***Lead DEC:***	qxabidi
Class:	C4	***Reported by:***	Affected Persons
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

OVER FILLED WHILE FILING UP A TANK: CLEANED UP:

DEC Remark:

Tipple was at the site at 6:40 AM and discovered the spill. Detailed work outline was discussed with Bayside and Classic Fuel to clean up both the yard area and the street. 08/10/06: This spill is transferred from Mr. Koon Tang to Q.Abidi. Called Pat at (718)372-9800 and talked to Ms. Dana regarding status of the spill. She said that when Mr. Pat will come she will find about it and she will convey my message to Pat. Mr. Pat will call me back. -QA 09/22/06: On September 21, received a closing confirmation letter from Mr. Albert Cirino (Model Petroleum Transportation INC.). According to Mr.Cirino the spill was on concrete. No water and no land were contaminted by the spill. the spill is cleaned. Also talk to Bayside Terminal manager Mr. Sergio, He said they clean their yard. Also talk to Mr. John (718)388-1515 he said yard is asphaltand asphalt is sealed, it is not open dirt. John spoke on phone that they picked up each & every pocket of the product. so according to letter of Albert Cirino and Conversation with John and Terminal Manager Sergio DEC Staff closed the spill. -QA

Spiller Information

Spiller Name:	PAT	***Spiller Zip:***	11222
Spiller Company:	CLASSIC FUEL	***Spiller Country:***	001
Spiller Address:	150 BANKER STREET	***Contact Name:***	SCOTT VITELLO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Spiller City:	BROOKLYN	**Contact Phone:**	(718) 372-9800
Spiller State:	NY	**Contact Ext:**	
Latitude:	40.724753000		
Longitude:	-73.961332000		

Material Information

OP Unit ID:	1098795	**Med Air:**	False
OU:	01	**Med in Air:**	False
Material ID:	578974	**Med GW:**	False
Material Code:	0001A	**Med SW:**	False
Material Name:	#2 fuel oil	**Med DW:**	False
CAS No:		**Med Sewer:**	False
Material Family:	Petroleum	**Med Surf:**	False
Quantity:	10.00	**Med Subway:**	False
Units:	G	**Med Utility:**	False
Recovered:	10.00	**Oxygenate:**	
Med Soil:	True		

190	*2 of 4*	*NE*	*0.49 / 2,561.50*	*5.45 / -4*	***BAYSIDE FUEL OIL DEPOT CORP.*** ***1 NORTH 12TH STREET*** ***BROOKLYN NY 11211***	***MOSF***

Site ID:	344682	**Expiration Date:**	
Site Status:	Inactive	**DEC Region:**	2
Program No:	2-1240	**County:**	Kings
Program Type Code:	MOSF	**UTM X:**	587800.43256
Program Type Desc:	Major Oil Storage Facility Program	**UTM Y:**	4508705.26930
Site Type:	Storage Terminal/Petroleum Distributor		

190	*3 of 4*	*NE*	*0.49 / 2,561.50*	*5.45 / -4*	***Bayside Fuel Oil Depot Corp - N 12th St (former)*** ***1-65 North 12th St*** ***Brooklyn NY***	***PFAS***

Facility ID:	BSF0462	**County:**	Kings
Survey Complete:	YES		
Survey:	Class B Fire Suppression Foam Usage Survey - New York State Bulk Storage Facilities		
Q. 6:	NO		
Q. 7:	NO		
Q. 8:	NO		
Q. 9:	NO		
Q. 10:	NO		
Q. 11:	NO		
Q. 12:			
Q. 13:			

Reference: If a respondent indicated that the facility used/stored/disposed PFOA/PFOS substances, it does not necessarily mean that there is an environmental/public health concern associated with that facility. Also, if a respondent indicated that they currently/formerly used, stored, disposed of, or released Class B firefighting foam it does not necessarily mean that the foam contains/contained PFOA/PFOS since many Class B foams do not contain these substances. DEC is in the process of reviewing/evaluating the returned surveys to determine if additional follow-up or study is needed.
Return rate: 91 surveys were sent to facilities; 90 were returned completed as of June 1, 2017.
Questions 1 & 2 relate to name and address; questions 3-5 relate to facility ownership.
Q. 6: Is any Class B fire suppression foam currently stored and/or used at the facility?
Q. 7: Has any Class B fire suppression foam ever been stored and/or used at the facility?
Q. 8: Has Class B fire suppression foam ever been used for training purposes at the facility?
Q. 9: Has Class B fire suppression foam ever been used for firefighting or other emergency response purposes at the facility?
Q. 10: Has the facility ever experienced a spill or leak of Class B fire suppression foam?
Q. 11: Has your facility ever been responsible for the use of Class B fire suppression foam at a location other than the facility (i.e. offsite training, emergency response, or spill)?

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
190	4 of 4	NE	0.49 / 2,561.50	5.45 / -4	Bayside Oil 1-65 North 12th Street Brooklyn NY 11211-	VCP

Site Code:	57122	**Site Code (GIS):**	V00587
HW Code:	V00587	**Site Class (GIS):**	N
Site Class:	N	**Address1 (GIS):**	1-65 North 12th Street
Site Address:	1-65 North 12th Street	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11211-	**ZIP Code (GIS):**	11211-
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	587780.99995
Acres:	8.000	**Y Coord (GIS):**	4508727.99987
Record Added:	2002-06-04 11:02:00	**Method:**	4.3
Record Update:	2009-10-30 11:49:00	**Accuracy:**	0 to 10 meters
Updated by:	MOBARRIE	**Accuracy Unit:**	
Latitude:	40.724804491	**Latitude (GIS):**	40.7248044964056
Longitude:	-73.960569532	**Longitude (GIS):**	-73.9605695322467

Site Name: Bayside Oil

Site Name (GIS): Bayside Oil

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Program: VCP

Program Desc: VCP

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

The TransGas Energy (TGE) Facility is a project for a new energy facility located on the East River waterfront between the Greenpoint and Williamsburg sections of Brooklyn. TGE proposed to construct and operate an 1100-megawatt gas-fired plant on the Brooklyn waterfront near Bushwick Inlet between the communities of Greenpoint and Williamsburg. For over 100 years, the Site has been operated as a fuel oil storage and distribution facility. Site soils and groundwater are contaminated with Petroleum spill contaminants, MGP Waste and heavy metal contamination. TGE entered the Department?s Voluntary Cleanup Program (VCP) in December 2002. The current owner of the Site is the Bayside Fuel Oil Depot. Under Bayside Fuel and previous owners (which include Socony Mobil, Texaco Refining and Marketing and others), the Site has been operated as a fuel oil storage and distribution facility for over 100 years. The Phase II assessment was completed in January 2003 and confirmed widespread groundwater and soil contamination with MGP waste and petroleum related contaminants. RI is on-going. The VCP Agreement was terminated in 2009 for lack of progress. There is an existing oil spill stipulation (Spill No. 9804544) with Texaco Refining and Marketing that has resulted in ongoing recovery of free-product and contaminated-groundwater. See also site no. 224055 (Williamsburg Works MGP) for further information.

Assessment:

Previous studies at the Site confirm widespread petroleum contamination with MGP involvement. For example, fuel oil and naphthalene odors are reported in boring logs as deep as 60 feet, and in July 2002 TRC Environmental (TGE?s consultant) found heavy staining and MGP waste in a boring 20 feet below grade and reported the occurrence to NYSDEC as a spill (No. 0203677). In addition to organic pollutants, a 1997 investigation also found soil samples with elevated levels of lead. The Phase II assessment was completed in January 2003 and confirmed widespread groundwater and soil contamination with MGP waste and petroleum related contaminants. Heavy staining and odors (coal tar) observed from 20 feet depths to top of clay at 60 feet depths. VOCs and PAH exceed RSCOs below 20 feet depth. Benzene concentrations below 20 feet depth observed up to 864,000 ppb. Off-site benzene detected upto 128,000 ppb. Free product observed (wells B4, MW7). On-site groundwater impacted from water table to top of clay by petroleum and coal tar related compounds. Benzene detected throughout the site at concentrations of 6.5 ppb to 29,500 ppb (in MWB-11). MTBE ranged from 1.2 to 329 ppb and naphthalene ranged from 1.6 to 579 ppb.

Owner Information

Seq No:	0000000	***Owner Street:***	1776 NORTH 12TH STREET
Sub Type:	01	***Owner Street 2:***	
Own Op:	04	***Owner City:***	BROOKLYN
Owner Name:		***Owner State:***	NY
Owner Co.:	BAYSIDE FUEL OIL DEPOT CORP.	***Owner Zip:***	11214
Country:	United States of America		
Seq No:	0000000	***Owner Street:***	1776 SHORE PARKWAY
Sub Type:	ZZZ	***Owner Street 2:***	
Own Op:	01	***Owner City:***	BROOKLYN
Owner Name:		***Owner State:***	NY
Owner Co.:	BAYSIDE FUEL OIL DEPOT CORP.	***Owner Zip:***	11214
Country:	United States of America		
Seq No:	0000000	***Owner Street:***	ONE NORTH 12TH STREET
Sub Type:	ZZZ	***Owner Street 2:***	
Own Op:	06	***Owner City:***	BROOKLYN
Owner Name:	ATTN: ADAM VICTOR	***Owner State:***	NY
Owner Co.:	TRANSGAS ENERGY SYSTEMS LLC	***Owner Zip:***	11201
Country:	United States of America		

191	*1 of 1*	*NE*	*0.49 / 2,575.16*	*14.95 / 6*	***NATIONS RENT 91 NORTH 12TH ST BROOKLYN NY***	***LST***

Spill No:	0003390	***Spill Date:***	2000-06-19 13:00:00
Site ID:	304635	***Rcvd Date:***	2000-06-19 13:21:00
DER Facility ID:	109591	***CAC Date:***	
CID:	389	***Insp Date:***	
Program Type:	ER	***Close Date:***	2003-12-09 00:00:00
SWIS Code:	2401	***Create Date:***	2000-06-19 00:00:00
Contribute Factor:	Tank Failure	***Update Date:***	2003-12-09 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	SMSANGES
Class:	B3	***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	True		
Caller Remark:			

caller reporting a spill of material from a leaky tank no clean up as of yet and no callback is necessary

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 6/20 SPOKE WITH TYREE..CLEANUP IN PROGRESS, WILL TAKE END POINT SAMPLES 3/15/01 HISTORICAL SITE CLEANUP MANAGED BY S. SANGESLAND This duplicate spill number is closed. Ref SPILL #9906462

Spiller Information

Spiller Name:	UNKNOWN	***Spiller Zip:***	
Spiller Company:	Unknown	***Spiller Country:***	999
Spiller Address:	UNKNOWN	***Contact Name:***	CALLER
Spiller City:	UNKNOWN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.722581760		
Longitude:	-73.957833420		

Material Information

OP Unit ID:	824755	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	551709	***Med GW:***	False
Material Code:	0008	***Med SW:***	False
Material Name:	diesel	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

OP Unit ID:	824755	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	551710	***Med GW:***	False
Material Code:	0010	***Med SW:***	False
Material Name:	hydraulic oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

OP Unit ID:	824755	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	551712	***Med GW:***	False
Material Code:	0022	***Med SW:***	False
Material Name:	waste oil/used oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

OP Unit ID:	824755	***Med Air:***	False
OU:	01	***Med in Air:***	False
Material ID:	551711	***Med GW:***	False
Material Code:	0015	***Med SW:***	False
Material Name:	motor oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
192	1 of 1	ENE	0.50 / 2,628.64	16.26 / 7	94 N. 13th Street 94 N. 13th Street Brooklyn NY 11249	BROWNFIELDS

Site Code:	491045	**Site Code (GIS):**	C224186
HW Code:	C224186	**Site Class (GIS):**	N
Site Class:	N	**Address1 (GIS):**	94 N. 13th Street
Site Address:	94 N. 13th Street	**Address2 (GIS):**	
City:	Brooklyn	**Locality (GIS):**	Brooklyn
ZIP:	11249	**ZIP Code (GIS):**	11249
County:	Kings	**County (GIS):**	Kings
SWIS:	2401	**Town (GIS):**	New York City
Region:	2	**Region (GIS):**	2
Town:	New York City	**X Coord (GIS):**	588099.18154
Acres:	1.147	**Y Coord (GIS):**	4508449.36435
Record Added:	2014-01-22 10:11:00	**Method:**	4.2
Record Update:	2014-02-27 10:37:00	**Accuracy:**	Variable
Updated by:	BXANDERS	**Latitude (GIS):**	40.7222607910617
Latitude:	40.722261111	**Longitude (GIS):**	-73.9568416692306
Longitude:	-73.956841667		

Site Name: 94 N. 13th Street

Site Name (GIS): 94 N. 13th Street

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Program: BCP

Program Desc: BCP

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

BCP Denial Letter signed by DER Div Director on 2/19/14. Site Location: The proposed 94 N. 13th Street BCP site is located in the Williamsburg section of Brooklyn, Kings County. The site is made up of two tax parcels and is bordered by Wythe Avenue, N. 12th Street, and N. 13th Street. Site Features: The site is developed with two-one story commercial/industrial buildings which were built in the 1960's and are occupied. There is a small parking area and buildings cover most of the site area, which is approximately 1.147 acres in size. Current Zoning and Land Use: The site is zoned M1-2 which includes light industrial uses and is currently used by a manufacturer of clear plastic bags, and a manufacturer of wooden pallets. Past Uses of the Site: Previous uses were manufacturing and include the storage of manufactured gas and also as a plating facility. Site Geology and Hydrogeology: The geologic setting of Long Island is well documented and consists of crystalline bedrock overlain by layers of unconsolidated deposits. The bedrock in this area is igneous intrusive classified as the ravenwood grano-diorite of middle Ordovician to middle Cambrian age. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisteing of dredge spoils, rubble and/or other materials have historically been used to raise and improve the drainage of low lying areas. Subsurface soils consist of a mixture of a silty non-native fill, to a depth of approximately 12 feet below grade followed by sand and gravel. The elevation of the site is 15 feet above National Geodetic Vertical Datum (NGVD) and the area topography gradually slopes to the northwest. Groundwater is present at a depth of approximately 7 feet below the surface and is expected to flow north.

Assessment:

Nature of Contamination: Based upon investigations conducted to date, the primary contaminants of concern include benzene, toluene, ethylbenzene and xylene (BTEX), napthalene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene; various SVOCs (PAHs), including benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene; and several metals (lead, mercury, barium, nickel, zinc and copper). Soil- Subsurface soil contains maximum concentrations of BTEX (944 ppm), napthalene (280 ppm), total PAHs (218 ppm), lead (920 ppm), mercury (18 ppm). The metals concentrations were 920 ppm for lead, 18 ppm for mercury, 160 ppm for copper, 52 ppm for nickel, 2,300 ppm for zinc, and 2,400 ppm for barium. Groundwater- On-site groundwater contained low levels of PAHs, with a maximum concentration of total PAHs of 7 ug/L. Lead was detected at a maximum concentration of 254 ug/L. Off-site groundwater contained BTEX concentrations as high as 6,480 ug/L, 1,600 ug/L of napthalene, total PAHs of 1,670 ug/L, 600 ug/L of 1,2,4-trimethylbenzene,and 160 ug/L of 1,3,5-trimethylbenzene.

Owner Information

Seq No:	0000001	***Owner Street:***	107 Norman Avenue
Sub Type:	NNN	***Owner Street 2:***	
Own Op:	19	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY
Owner Company:	Brooklyn Public Library-Greenpoint Branch	***Owner Zip:***	11222
Country:	United States of America		

Seq No:	0000001	***Owner Street:***	23 Heyward Street
Sub Type:	E	***Owner Street 2:***	
Own Op:	01	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY
Owner Company:	94 North LLC	***Owner Zip:***	11211
Country:	United States of America		

Seq No:	0000002	***Owner Street:***	32-18 152nd Street
Sub Type:	E	***Owner Street 2:***	
Own Op:	01	***Owner City:***	Flushing
Owner Name:		***Owner State:***	NY
Owner Company:	Golden Fountain Realty Inc.	***Owner Zip:***	11354
Country:	United States of America		

Seq No:	0000002	***Owner Street:***	94 N. 13th Street
Sub Type:	E	***Owner Street 2:***	
Own Op:	04	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY
Owner Company:	New York Pallets Distribution, Inc.	***Owner Zip:***	11211
Country:	United States of America		

Seq No:	0000001	***Owner Street:***	56 Skillman Avenue
Sub Type:	P03	***Owner Street 2:***	
Own Op:	06	***Owner City:***	Brooklyn
Owner Name:	Zelig Weiss	***Owner State:***	NY
Owner Company:	Wythe Berry LLC	***Owner Zip:***	11211
Country:	United States of America		

Seq No:	0000001	***Owner Street:***	94 N. 13th Street
Sub Type:	E	***Owner Street 2:***	
Own Op:	04	***Owner City:***	Brooklyn
Owner Name:		***Owner State:***	NY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner Company: Star Poly Bag, Inc. **Owner Zip:** 11211
Country: United States of America

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193 **1 of 1** **ENE** **0.50 / 2,655.04** **16.43 / 7**

K - Wythe Ave. Station
Wythe Ave., Berry St., N 12th & 13th St
Brooklyn NY 11211

SHWS

Site Code:	378992	**Latitude:**	40.722222222
Site Code (GIS):	224069	**Longitude:**	-73.956388889
HW Code:	224069	**Latitude (GIS):**	40.7222219014691
SWIS:	2401	**Longitude (GIS):**	-73.9563888912404
Site Class:	A	**X Coord (GIS):**	588137.47252
Site Class (GIS):	A	**Y Coord (GIS):**	4508445.50169
Program:	HW	**Method:**	4.2
Acres:	2.000	**Accuracy:**	Variable
Town:	New York City	**Record Added:**	2007-03-27 14:30:00
County:	Kings	**Record Update:**	2019-02-09 15:38:00
Region:	2	**Updated by:**	JEBROWN
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	Kings		

Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Assess DOH: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining in Operable Unit 1. Contaminated groundwater at the site is not used for drinking or other purposes and the area is served by a public water supply that is not affected by this contamination. Direct contact with contaminants in the soil is unlikely because the site is covered with pavement and buildings. Volatile organic compounds in the contaminated soil or contamination groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying structures and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion for any future on-site redevelopment of Operable Unit 2. Environmental sampling indicates that soil vapor intrusion is not a concern for off-site buildings.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The former Wythe Avenue Station is located in the Williamsburg neighborhood of Brooklyn, New York, Kings County. The site occupies nine parcels, and is bounded by North 13th Street to the north, North 12th Street to the south, Berry Street to the east and Wythe Avenue to the west. These nine parcels are identified as Block 2283, Lots 1, 25, 28, 31, 33, 35, 38, 41 and 43, and comprise approximately 2.07 acres. Site Features: The site is comprised of commercial and industrial properties, and site topography is nearly flat. Lot 1 (OU1) contains a newly constructed twenty-one story hotel and retail stores, the remaining eight lots (OU2) comprise several one-story warehouse buildings on the east half of the site which are currently occupied by the Mirtex Trading Corporation. Current Zoning and Land Use: The area is zoned M1-1 and M1-2, which allow for light industrial and commercial uses. The site is surrounded by mixed use parcels, including light industrial, commercial and residential. The nearest residential area is within 100 feet to the southwest. Past Use of the Site: The site was operated as a Manufactured Gas Plant (MGP) holder station by Brooklyn Union Gas Co. from approximately 1903 to 1965. The station operated solely for gas distribution, and no gas production facilities were present at the site. Over the life of facility, manufactured gas, and possibly natural gas, based on the years of operation, was stored at the facility. In 1965 the holders and all associated MGP buildings were dismantled when the property was sold. Subsequent development of the site included two one-story buildings on the western two parcels, used for manufacturing and warehousing, in 1968. The eastern portion of the site was redeveloped with several warehouse buildings between 1985 and 1991. Operable Units: The site was divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of a release or exposure pathway resulting from the site contamination. Operable Unit 1 (OU1) consists of the parcel (Lot 1) owned by Wythe Berry LLC on the western half of the site (approximate size of 1.15 acres). Operable unit 2 (OU2) consists of the remaining eight parcels owned by Mihata Corporation on the eastern half of the site (approximate size of 0.92 acres). Geology and Hydrogeology: The site is underlain by up to 12 feet of urban fill material, then various layers of gravelly sands, silts and clays. Bedrock is approximately 100 feet below the ground surface. Groundwater is encountered at depths of 7 to 10 feet beneath the site, and generally flows to the north in the western portion of the site, and to the east in the eastern portion of the site.

Assessment:

Prior to Completion of Remediation For OU 1: Lot 1 Parcel Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. Based upon investigations conducted, the primary contaminants of concern for OU 1 were BTEX and naphthalene (VOCs), and polycyclic aromatic hydrocarbons (PAHs) (SVOCs). Prior to the IRM, the subsurface soil showed exceedances of the unrestricted soil cleanup objectives (SCOs) for benzene, toluene, ethylbenzene and xylene (BTEX), various PAH constituents, and several metals. Benzene was found as high as 70 parts per million (ppm), compared to an SCO of 0.06 ppm. Toluene was found as high as 550 ppm (0.7 SCO), ethylbenzene as high as 270 ppm (1 ppm SCO), and total xylenes as high as 610 ppm (0.26 ppm SCO). Naphthalene was detected as high as 9,400 ppm, compared to an SCO of 12 ppm. Several PAH compounds were detected as high as 96 ppm, with most having an SCO of 1 ppm. The metal constituents that exceeded the unrestricted SCOs were as follows: lead as high as 1400 ppm (63 ppm SCO); mercury as high as 18 ppm (0.18 ppm SCO); and arsenic as high as 40 ppm (13 ppm SCO). Subsurface soil offsite had minor exceedances of only the unrestricted SCOs. Groundwater - Groundwater was only sampled at one on-site location during the investigation due to existing buildings, and was found to be impacted by SVOCs and lead. Lead was detected at a concentration of 254 ppb (25 ppb standard); and the four PAHs detected (benz(a)anthracene, benz(a)pyrene, benzo(b)fluoranthene, and chrysene) had a maximum concentration of 0.08 ppb, with a standard of 0.002 ppb. Groundwater sampled at two offsite locations was found to be impacted by VOCs and SVOCs. Soil Vapor - There were no soil vapor samples collected at OU-1. Post-remediation (OU1 only): An IRM was performed at OU1 in 2014 that removed approximately 68,000 tons of impacted material to depths ranging from 15 to 30 feet below ground surface. Prior to remediation, the primary contaminants of concern were BTEX and naphthalene (VOCs), and PAHs (SVOCs). Of the 28 confirmatory samples taken, 25 met the site remedial action SCOs for restricted residential use. The three samples which did not meet the SCOs, and which exceeded only for metals and PAHs, were found at depths greater than 15 feet below ground surface. Groundwater samples collected post-IRM indicated a decrease in concentrations of detected constituents. Prior to Completion of Remediation For OU2 Parcel: Mihata Corporation Properties Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. Based upon investigations conducted, the primary contaminants of concern for OU2 were BTEX and naphthalene (VOCs), and polycyclic aromatic hydrocarbons (PAHs) (SVOCs). a full investigation of these media could not be performed due to the presence of existing buildings. The subsurface soil showed exceedances of the unrestricted soil cleanup objectives (SCOs) for benzene, toluene, ethylbenzene and xylene (BTEX), various PAH constituents, and several metals. Benzene was found as high as 330 pats per million (ppm), compared to an SCO of 0.06 ppm. Toluene was found as high as 840 ppm (0.7 SCO), ethylbenzene as high as 1,200 ppm (1 ppm SCO), and total xylenes as high as 1,600 ppm (0.26 ppm SCO). Naphthalene was detected as high as 1,300 ppm, compared to an SCO of 12 ppm. Several PAH compounds were detected as high as 13 ppm, with most having an SCO of 1 ppm. The metal constituents that exceeded the unrestricted SCOs were as follows: lead as high as 1,600 ppm (63 ppm SCO); mercury as high as 2.3 ppm (0.18 ppm SCO); and arsenic as high as 77 ppm (13 ppm SCO). Subsurface soil offsite had minor exceedances of only the unrestricted SCOs. Groundwater - Groundwater was sampled at two on-site locations during the investigation due to existing buildings, with one location within the holder footprint, and the other at the site boundary. The location within the holder was impacted by SVOCs and lead, while the boundary location had impacts from VOCs and one SVOC. Lead was detected at a concentration of 35 parts per billion (ppb) (25 ppb standard); and the four PAHs detected (benz(a)anthracene, benz(a)pyrene, benzo(b)fluoranthene, and chrysene) had a maximum concentration of 0.25 ppb, with a standard of 0.002 ppb. The VOCs found to exceed standards were benzene at 2,200 ppb (1 ppb standard), toluene at 1,200 ppb (5 ppb standard), ethylbenzene at 600 ppb (5 ppb standard), xylene at 2,480 ppb (standard of 5 ppb), isopropyl benzene at 30 ppb (5 ppb standard), naphthalene at 1,200 ppb (guidance value of 10 ppb), n-propylbenzene at 42 ppb (5 ppb standard), styrene at 690 ppb (5 ppb standard), 1,2,4-trimethylbenzene at 600 ppb (5 ppb standard), and 1,3,5-trimethylbenzene at 160 ppb (5 ppb standard). Naphthalene was the SVOC which was found at 1,100 ppb (guidance value of 10 ppb). Groundwater sampled at one offsite location was found to be impacted by VOCs and SVOCs. Soil Vapor- There were three soil vapor samples collected at OU2 during the investigation. The sub-slab vapor samples contained compounds, including BTEX and trimethylbenzenes, which may be associated with gas holder operations and which are common petroleum products. One compound, TCE, was detected at 11 micrograms per cubic meter. This compound is a chlorinated solvent, which is not associated with former gas holder operations.

Materials Information

Waste Name:	COAL TAR	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	styrene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	benzo(b)fluoranthene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	trichloroethene (TCE)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	naphthalene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	dibenz[a,h]anthracene	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	xylene (mixed)	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	biphenyl	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	arsenic	***Waste Quantity:***	UNKNOWN
Waste Code:			

Waste Name:	1,3,5-trimethylbenzene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	methylene chloride	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	benzo[k]fluoranthene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	lead	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	indeno(1,2,3-CD)pyrene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	ethylbenzene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	butylbenzene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	n-propylbenzene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	1,2,4-trimethylbenzene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	benzo(a)pyrene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	benzene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	chrysene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	mercury	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	benzo(a)anthracene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	toluene	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	isopropylbenzene	**Waste Quantity:**	UNKNOWN
Waste Code:			

Owner Information

Seq No:	0000002	**Owner Street:**	435 Graham Avenue
Sub Type:	C05	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:	Gerald A. Esposito	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	11211
Owner Co.:	Brooklyn Community Board 1		
Seq No:	0000001	**Owner Street:**	Greenpoint Branch
Sub Type:	E	**Owner Street 2:**	107 Norman Avenue at Leonard Street
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	11222
Owner Co.:	Brooklyn Public Library		

HW Extra Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Dump:	False	**Dell:**	
Structure:	False	**Updated By:**	SXDEYETT
Lagoon:	False	**Record Added:**	2013-09-20 14:19:00
Landfill:	False	**Record Updated:**	2018-09-18 11:37:00
Pond:	False	**Latitude:**	
Disposal Start:		**Longitude:**	
Disposal Terminate:			

Projects Information

Project Code:	02	**Code Name:**	Remedial Investigation
Project Desc:	Remedial Investigation	**Operable Unit ID:**	1136491
Project Refer Name:		**Operable Unit:**	01
End Date:	2017-03-31 00:00:00	**Operable Unit Desc:**	Wythe Berry LLC Properties
End Status:	ACT		
Project Code:	01	**Code Name:**	Site Characterization
Project Desc:	Site Caracterization	**Operable Unit ID:**	1136491
Project Refer Name:		**Operable Unit:**	01
End Date:	2013-08-14 00:00:00	**Operable Unit Desc:**	Wythe Berry LLC Properties
End Status:	ACT		
Project Code:	04	**Code Name:**	Remedial Design
Project Desc:	Remedial Design	**Operable Unit ID:**	1247727
Project Refer Name:		**Operable Unit:**	01A
End Date:	2014-05-30 00:00:00	**Operable Unit Desc:**	Lot 1 Wythe Berry LLC
End Status:	ACT		
Project Code:	02	**Code Name:**	Remedial Investigation
Project Desc:	Remedial Investigation	**Operable Unit ID:**	1255245
Project Refer Name:		**Operable Unit:**	02
End Date:	2019-02-08 00:00:00	**Operable Unit Desc:**	Mihata Corporation Properties
End Status:	ACT		
Project Code:	05	**Code Name:**	Remedial Action
Project Desc:	Remedial Action	**Operable Unit ID:**	1247727
Project Refer Name:		**Operable Unit:**	01A
End Date:	2015-06-22 00:00:00	**Operable Unit Desc:**	Lot 1 Wythe Berry LLC
End Status:	ACT		

194	1 of 1	ENE	0.54 / 2,872.62	15.36 / 6	**K - Wythe Ave. Station** **Wythe Ave., Berry St., N 12th & 13th St** **Brooklyn NY 11211**	MGP

Site Code:	224069	**Project Manager:**	DEYETTE, SCOTT
SWIS Code:	2401	**Region:**	2
Class:	A	**Town:**	New York City
Disp Start:		**County:**	Kings
Disp Term:		**Latitude:**	40.722222222
Acres:	2	**Longitude:**	-73.956388889

Details

Description:

Location: The former Wythe Avenue Station is located in the Williamsburg neighborhood of Brooklyn, New York, Kings County. The site occupies nine parcels, and is bounded by North 13th Street to the north, North 12th Street to the south, Berry Street to the east and Wythe Avenue to the west. These nine parcels are identified as Block 2283, Lots 1, 25, 28, 31, 33, 35, 38, 41 and 43, and comprise approximately 2.07 acres. Site Features: The site is comprised of commercial and industrial properties, and site topography is nearly flat. Lot 1 (OU1) contains a newly constructed twenty-one story hotel and retail stores, the remaining eight lots (OU2) comprise several one-story warehouse buildings on the east half of the site which are currently occupied by the Mirtex Trading Corporation. Current Zoning and Land Use: The area is zoned M1-1 and M1-2, which allow for light industrial and commercial uses. The site is surrounded by mixed use parcels, including light industrial, commercial and residential. The nearest residential area is within 100 feet to the southwest. Past Use of the Site: The site was operated as a Manufactured Gas Plant (MGP) holder station by Brooklyn Union Gas Co. from approximately 1903 to 1965. The station operated solely for gas distribution, and no gas production facilities were present at the site. Over the life of facility, manufactured gas, and possibly natural gas, based on the years of operation, was stored at the facility. In 1965 the holders and all associated

MGP buildings were dismantled when the property was sold. Subsequent development of the site included two one-story buildings on the western two parcels, used for manufacturing and warehousing, in 1968. The eastern portion of the site was redeveloped with several warehouse buildings between 1985 and 1991. Operable Units: The site was divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of a release or exposure pathway resulting from the site contamination. Operable Unit 1 (OU1) consists of the parcel (Lot 1) owned by Wythe Berry LLC on the western half of the site (approximate size of 1.15 acres). Operable unit 2 (OU2) consists of the remaining eight parcels owned by Mihata Corporation on the eastern half of the site (approximate size of 0.92 acres). Geology and Hydrogeology: The site is underlain by up to 12 feet of urban fill material, then various layers of gravelly sands, silts and clays. Bedrock is approximately 100 feet below the ground surface. Groundwater is encountered at depths of 7 to 10 feet beneath the site, and generally flows to the north in the western portion of the site, and to the east in the eastern portion of the site.

Assess ENV:

Prior to Completion of Remediation For OU 1: Lot 1 Parcel Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. Based upon investigations conducted, the primary contaminants of concern for OU 1 were BTEX and naphthalene (VOCs), and polycyclic aromatic hydrocarbons (PAHs) (SVOCs). Prior to the IRM, the subsurface soil showed exceedances of the unrestricted soil cleanup objectives (SCOs) for benzene, toluene, ethylbenzene and xylene (BTEX), various PAH constituents, and several metals. Benzene was found as high as 70 parts per million (ppm), compared to an SCO of 0.06 ppm. Toluene was found as high as 550 ppm (0.7 SCO), ethylbenzene as high as 270 ppm (1 ppm SCO), and total xylenes as high as 610 ppm (0.26 ppm SCO). Naphthalene was detected as high as 9,400 ppm, compared to an SCO of 12 ppm. Several PAH compounds were detected as high as 96 ppm, with most having an SCO of 1 ppm. The metal constituents that exceeded the unrestricted SCOs were as follows: lead as high as 1400 ppm (63 ppm SCO); mercury as high as 18 ppm (0.18 ppm SCO); and arsenic as high as 40 ppm (13 ppm SCO). Subsurface soil offsite had minor exceedances of only the unrestricted SCOs. Groundwater - Groundwater was only sampled at one on-site location during the investigation due to existing buildings, and was found to be impacted by SVOCs and lead. Lead was detected at a concentration of 254 ppb (25 ppb standard); and the four PAHs detected (benz(a)anthracene, benz(a)pyrene, benzo(b)fluoranthene, and chrysene) had a maximum concentration of 0.08 ppb, with a standard of 0.002 ppb. Groundwater sampled at two offsite locations was found to be impacted by VOCs and SVOCs. Soil Vapor - There were no soil vapor samples collected at OU-1. Post-remediation (OU1 only): An IRM was performed at OU1 in 2014 that removed approximately 68,000 tons of impacted material to depths ranging from 15 to 30 feet below ground surface. Prior to remediation, the primary contaminants of concern were BTEX and naphthalene (VOCs), and PAHs (SVOCs). Of the 28 confirmatory samples taken, 25 met the site remedial action SCOs for restricted residential use. The three samples which did not meet the SCOs, and which exceeded only for metals and PAHs, were found at depths greater than 15 feet below ground surface. Groundwater samples collected post-IRM indicated a decrease in concentrations of detected constituents. Prior to Completion of Remediation For OU2 Parcel: Mihata Corporation Properties Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. Based upon investigations conducted, the primary contaminants of concern for OU2 were BTEX and naphthalene (VOCs), and polycyclic aromatic hydrocarbons (PAHs) (SVOCs). a full investigation of these media could not be performed due to the presence of existing buildings. The subsurface soil showed exceedances of the unrestricted soil cleanup objectives (SCOs) for benzene, toluene, ethylbenzene and xylene (BTEX), various PAH constituents, and several metals. Benzene was found as high as 330 pats per million (ppm), compared to an SCO of 0.06 ppm. Toluene was found as high as 840 ppm (0.7 SCO), ethylbenzene as high as 1,200 ppm (1 ppm SCO), and total xylenes as high as 1,600 ppm (0.26 ppm SCO). Naphthalene was detected as high as 1,300 ppm, compared to an SCO of 12 ppm. Several PAH compounds were detected as high as 13 ppm, with most having an SCO of 1 ppm. The metal constituents that exceeded the unrestricted SCOs were as follows: lead as high as 1,600 ppm (63 ppm SCO); mercury as high as 2.3 ppm (0.18 ppm SCO); and arsenic as high as 77 ppm (13 ppm SCO). Subsurface soil offsite had minor exceedances of only the unrestricted SCOs. Groundwater - Groundwater was sampled at two on-site locations during the investigation due to existing buildings, with one location within the holder footprint, and the other at the site boundary. The location within the holder was impacted by SVOCs and lead, while the boundary location had impacts from VOCs and one SVOC. Lead was detected at a concentration of 35 parts per billion (ppb) (25 ppb standard); and the four PAHs detected (benz(a)anthracene, benz(a)pyrene, benzo(b)fluoranthene, and chrysene) had a maximum concentration of 0.25 ppb, with a standard of 0.002 ppb. The VOCs found to exceed standards were benzene at 2,200 ppb (1 ppb standard), toluene at 1,200 ppb (5 ppb standard), ethylbenzene at 600 ppb (5 ppb standard), xylene at 2,480 ppb (standard of 5 ppb), isopropyl benzene at 30 ppb (5 ppb standard), naphthalene at 1,200 ppb (guidance value of 10 ppb), n-propylbenzene at 42 ppb (5 ppb standard), styrene at 690 ppb (5 ppb standard), 1,2,4-trimethylbenzene at 600 ppb (5 ppb standard), and 1,3,5-trimethylbenzene at 160 ppb (5 ppb standard). Naphthalene was the SVOC which was found at 1,100 ppb (guidance value of 10 ppb). Groundwater sampled at one offsite location was found to be impacted by VOCs and SVOCs. Soil Vapor- There were three soil vapor samples collected at OU2 during the investigation. The sub-slab vapor samples contained compounds, including BTEX and trimethylbenzenes, which may be associated with gas holder operations and which are common petroleum products. One compound, TCE, was detected at 11 micrograms per cubic meter. This compound is a chlorinated solvent, which is not associated with former gas holder operations.

Assess DOH:

Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining in Operable Unit 1. Contaminated groundwater at the site is not used for drinking or other purposes and the area is served by a public water supply that is not affected by this contamination. Direct contact with contaminants in the soil is unlikely because the site is covered with pavement and buildings. Volatile organic compounds in the contaminated soil or contamination groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying structures and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion for any future on-site redevelopment of Operable Unit 2. Environmental sampling indicates that soil vapor intrusion is not a concern for off-site buildings.

195	1 of 1	E	0.58 / 3,079.29	14.37 / 5	215 North 10th Street 215 North 10th Street Brooklyn NY 11211	SHWS

Site Code:	513998	**Latitude:**	40.718280000
Site Code (GIS):	224229	**Longitude:**	-73.953734000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

HW Code:	224229	**Latitude (GIS):**	40.7182796761288
SWIS:	2401	**Longitude (GIS):**	-73.9537340023048
Site Class:	N	**X Coord (GIS):**	588366.90689
Site Class (GIS):	N	**Y Coord (GIS):**	4508010.55565
Program:	HW	**Method:**	4.2
Acres:	0.410	**Accuracy:**	Variable
Town:	New York City	**Record Added:**	2015-09-21 13:21:00
County:	Kings	**Record Update:**	2018-02-27 16:39:00
Region:	2	**Updated by:**	JHOCONNE
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	Kings		

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

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c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The site is located at 215 North 10th Street in the Borough of Brooklyn, NY. The site is bordered on the south by North 10th Street with residential buildings on the opposite side of the street, to the west by a parking garage, to the north by a six story residential building, and to the east by Roebling Street with residential buildings on the opposite side of the street Site Features: The Site currently developed with one-story industrial building, two smaller one-story structures and parking areas. The Site is currently partially occupied by a motorcycle sales and service company and a marble importer/manufacturer. Current Zoning and Land Use: The site is currently zoned M1-2 (light manufacturing) with an R6A (residential) overlay. The site has a New York City 'e' designation for hazardous materials as a result of recent rezoning from the previous MX8 zoning (heavy industrial use). Past Use of the Site: The Site appears to have been developed sometime prior to 1887 and has been occupied by various industrial uses including a dry color and paint storage, a varnish research works (which utilized two benzene tanks and a gasoline tank) and a chemical warehouse. The site is listed as an inactive facility in the Chemical Bulk Storage database as site no. 2-000052 for storage of muriatic acid, ammonium hydroxide and nitric acid. Site Geology and Hydrogeology: NYSDEC has not received any reports including these details.

Assessment:

SEE SITE NO C224229 FOR FUTURE UPDATES Nature and Extent of Contamination: Based on preliminary sampling, contaminants of concern

include volatile organic compounds (VOCs) in soil, groundwater and soil vapor. Samples were analyzed for VOCs, semi-volatile organic compounds (SVOCs), metals, PCBs and pesticides. Soil - A total of eleven (11) soil borings were installed and from which twenty-five (25) soil samples were collected for analysis. Petroleum and chlorinated solvent-related VOCs were identified in soil samples. Benzene was found at a maximum concentration of 5.7 parts per million (ppm), ethylbenzene at a maximum concentration of 10 ppm, 1,3,5-trimethylbenzene at a maximum concentration of 35 ppm, tetrachloroethylene (PCE) at a maximum concentration of 9.4 ppm, trichloroethylene (TCE) at a maximum concentration of 220 ppm, cis-1,2-dichloroethylene (cis-1,2-DCE) at a maximum concentration of 36 ppm, vinyl chloride (VC) at a maximum concentration of 0.46 ppm and naphthalene at a maximum concentration of 100 ppm. Groundwater - As per the site map, total of four (4) monitoring wells were installed and sampled. Due to insufficient sample volume, only 3 of the wells were analyzed for VOCs (the likely downgradient well was not analyzed for VOCs). TCE was detected at a maximum concentration of 170 parts per billion (ppb), cis-1,2-DCE at a maximum concentration of 16 ppb, VC at a maximum concentration of 15 ppb and naphthalene at a maximum concentration of 31 ppb. Soil Vapor - A total of six (6) soil-vapor probes were installed, including one location beneath the occupied on-site building. Petroleum and chlorinated solvent contamination noted in soil-vapor samples including PCE at a maximum concentration of 7730 micrograms per cubic meter (ug/m3), TCE at a maximum concentration of 243,000 ug/m3, cis-1,2-DCE at a maximum concentration of 11,000 ug/m3 and VC at a maximum concentration of 1650 ug/m3. Significant Threat: Determination of significant threat will be made following completion of the Site Characterization.

Owner Information

Seq No:	0000001	***Owner Street:***	543 Bedford Avenue, #201
Sub Type:	05	***Owner Street 2:***	
Own Op:	01	***Owner City:***	Brooklyn
Owner Name:	-	***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	11211-8511
Owner Co.:	Northstar Equities LLC		

196	*1 of 1*	*ESE*	*0.67 / 3,560.15*	*16.66 / 7*	***BQE/Ansbacher Color & Dye Factory Meeker Avenue Brooklyn NY***	***SHWS***

Site Code:	55913	***Latitude:***	40.714501400
Site Code (GIS):	224016	***Longitude:***	-73.952880440
HW Code:	224016	***Latitude (GIS):***	40.7145013969288
SWIS:	2401	***Longitude (GIS):***	-73.9528804409891
Site Class:	03	***X Coord (GIS):***	588443.99992
Site Class (GIS):	03	***Y Coord (GIS):***	4507592.00015
Program:	HW	***Method:***	4.3
Acres:	0.600	***Accuracy:***	0 to 10 meters
Town:	New York City	***Record Added:***	1999-11-18 12:00:00
County:	Kings	***Record Update:***	2017-08-31 10:35:00
Region:	2	***Updated by:***	JXGRECO
Town (GIS):	New York City	***Region (GIS):***	2
County (GIS):	Kings		

Site Class Desc (GIS): This classification is assigned to a site at which contamination does not presently and is not reasonably foreseeable to constitute a significant threat to public health or the environment. This classification is not to be used for sites where insufficient data is available to make a definitive decision concerning significant threat.

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Assess DOH: Residual arsenic and lead contamination remain under the BQE and is covered with several layers of concrete and asphalt, thereby preventing direct contact. Contaminated soil also underlies several on-site buildings formerly used by Ansbacher. Groundwater in the area is not used, since public water is available. Off-site sampling of surface soils from residential yards adjacent to the site indicated the presence of metals (particularly arsenic and lead) at concentrations above the range of concentrations typically encountered in urban neighborhoods. However, the exact source of the metals in the soils could not be determined from the data collected. The NYSDOH gave the residents advice on how to minimize their exposure to these surface soil contaminants.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The site is located in the Williamsburg section of Brooklyn. The site is bounded by Havemeyer Street to the northwest, North 6th Street to the southwest, Macri Triangle park to the southeast, and North 8th Street to the northeast. Site Features: The site is completely covered with buildings in the northwest section; and covered with asphalt, concrete, and open park space in the southeast section. The site is bisected by an elevated portion of I-278

(the Brooklyn-Queens Expressway (BQE)) adjacent to the park. Current Zoning and Land Use(s): The site is zoned for residential, manufacturing, and commercial uses. The residential area is in the northwest section of the site. The manufacturing building along Meeker Avenue is unoccupied. Past Use of the Site: According to Sanborn maps, the former Ansbacher Color and Dye Factory (Ansbacher) occupied multiple buildings along North 6th Street, North 7th Street, and Metropolitan Avenue from ~1887 to ~1945. The assumed use of the facility was to manufacture paints and/or pigments for commercial and industrial use. In the early 1950's, the buildings in the southeastern section of the site were torn down to make room for the construction of the BQE. It is believed that during this construction, waste material and debris from the former Ansbacher plant may have been used as fill material in the project area. A Phase II - type investigation was conducted by the New York State Department of Transportation (NYSDOT) in 1988. The investigation found hazardous levels of arsenic and lead in the soil and elevated levels of arsenic, lead and cyanide in the groundwater. During the reconstruction of the BQE in the early 1990s, the NYSDOT completed an IRM (soil removal) within the project's right-of way. The remaining contaminated soil is located beneath asphalt and concrete. A Preliminary Site Assessment was completed by the New York State Department of Environmental Conservation (NYSDEC) during the summer of 1999 to evaluate the areas outside the BQE footprint. The sampling results indicate that the subsurface soils within the footprint of the former Ansbacher Plant contain elevated levels of arsenic, lead, and mercury. The groundwater in this area is also contaminated with these metals, but the contaminated groundwater has not migrated significantly beyond the footprint of the former factory. In 2015, the NYSDEC initiated an investigation on the perimeter of the site to identify the origin of chlorinated solvents found in groundwater beneath the sidewalk as part of routine sampling. Site Geology and Hydrogeology: The site is underlain by fine to medium sands; with limited quantities of coarse sand, gravel, and silt throughout the site at varying intervals. Groundwater is approximately 9.5 - 12.5' below grade. Flow direction in shallow groundwater is toward the west-southwest, while deeper groundwater appears to flow towards the east. (This may be due to the presence of the L train subway tunnel underneath North 7th Street.)

Assessment:

Nature and Extent of Contamination: - Soil Sampling was completed in multiple stages from 1988 to 1999. The primary contaminants of concern in soil at this site are arsenic, lead, and mercury. Arsenic has been found at concentrations up to 7,500 ppm, well above the cleanup objective for commercial use (16 ppm). This soil failed for EP Toxicity (48 mg/l, 5.0 mg/l criteria), indicating the soil is hazardous. Lead has been found at concentrations up to 10,600 ppm, well above the cleanup objective for commercial use (1,000 ppm). This soil failed for EP Toxicity (20.3 mg/l, 5.0 mg/l criteria), indicating the soil is hazardous. Mercury was also found at concentrations up to 294 ppm, well above the cleanup objective for commercial use (2.8 ppm). These concentrations were all found in the vicinity of the Arsenate Of Lead building in the southeast area of the site, which is now located in the footprint of the BQE. - Groundwater Sampling has been completed in multiple stages from 1988 to 2015. The primary contaminants of concern in groundwater are arsenic, lead, and mercury. Arsenic has been found at concentrations up to 15,500 ppb, well above the Class GA standard of 25 ppb. Lead has been found at concentrations up to 431 ppb, above the Class GA standard of 25 ppb. Mercury has been found at concentrations up to 75 ppb, well above the Class GA standard of 0.7 ppb. These concentrations were all found in the vicinity of the Arsenate Of Lead building in the southeast area of the site, which is now located in the footprint of the BQE. In 2015, groundwater in the northwest portion of the site was also found to contain tetrachloroethene (PCE) up to 1,900 ppb, trichloroethene (TCE) up to 120 ppb, and cis-1,2-dichloroethene (DCE) up to 320 ppb. PCE, TCE, and DCE all have a Class GA standard of 5 ppb. Significant Threat: The site does not constitute a significant threat to human health or the environment as the contaminated soil is covered by existing layers of asphalt and concrete, and the contaminated groundwater has not migrated significantly beyond the footprint of the former factory.

Materials Information

Waste Name:	ARSENIC	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	LEAD	***Waste Quantity:***	UNKNOWN
Waste Code:			
Waste Name:	mercury	***Waste Quantity:***	UNKNOWN
Waste Code:			

Owner Information

Seq No:	0000003	***Owner Street:***	Arsenal West
Sub Type:	C01	***Owner Street 2:***	16 West 61st Street
Own Op:	01	***Owner City:***	New York
Owner Name:		***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	10023-7604
Owner Co.:	NYC Parks and Recreation (General)		
Seq No:	0000001	***Owner Street:***	125 Park Avenue
Sub Type:	05	***Owner Street 2:***	Apt. 11th Floor
Own Op:	01	***Owner City:***	New York
Owner Name:		***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	10017
Owner Co.:	285 North 6th LLC		
Seq No:	0000002	***Owner Street:***	110A Broadway #110
Sub Type:	05	***Owner Street 2:***	
Own Op:	01	***Owner City:***	Brooklyn

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner Name:		**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	11249
Owner Co.:	297 North 7th LLC		

HW Extra Information

Dump:	False	**Dell:**	False
Structure:	False	**Updated By:**	DKHARRIN
Lagoon:	False	**Record Added:**	1999-11-18 12:00:00
Landfill:	True	**Record Updated:**	2016-03-16 14:25:00
Pond:	False	**Latitude:**	40:42:52:0
Disposal Start:	unknown	**Longitude:**	73:57:12:0
Disposal Terminate:	unknown		

Projects Information

Project Code:	01	**Code Name:**	Site Characterization
Project Desc:	Site Caracterization	**Operable Unit ID:**	586
Project Refer Name:		**Operable Unit:**	01
End Date:	2000-03-10 00:00:00	**Operable Unit Desc:**	Remdial Program
End Status:	ACT		
Project Code:	01	**Code Name:**	Site Characterization
Project Desc:	Site Caracterization	**Operable Unit ID:**	1273696
Project Refer Name:		**Operable Unit:**	02
End Date:	2016-05-20 00:00:00	**Operable Unit Desc:**	VOC contamination
End Status:	ACT		
Project Code:	05	**Code Name:**	Remedial Action
Project Desc:	Remedial Action	**Operable Unit ID:**	587
Project Refer Name:		**Operable Unit:**	01A
End Date:	1991-08-01 00:00:00	**Operable Unit Desc:**	IRM SOIL REMOVAL
End Status:	ACT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
197	1 of 1	NW	0.68 / 3,575.94	6.56 / -3	CE - E. 11th St. MGP East 11th - East 13th Sts. New York NY 10029	SHWS

Site Code:	566742	**Latitude:**	40.726409244
Site Code (GIS):	231110	**Longitude:**	-73.974062101
HW Code:	231110	**Latitude (GIS):**	40.7264092498257
SWIS:	3101	**Longitude (GIS):**	-73.974062101322
Site Class:	A	**X Coord (GIS):**	586639.43843
Site Class (GIS):	A	**Y Coord (GIS):**	4508892.73773
Program:	HW	**Method:**	4.2
Acres:		**Accuracy:**	Variable
Town:	New York City	**Record Added:**	2018-02-12 15:49:00
County:	New York	**Record Update:**	2018-03-14 17:00:00
Region:	2	**Updated by:**	GWCROSS
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	New York		

Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Assess DOH: People may contact contaminants in the soil if they dig below the surface. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Currently the concentrations of site-related contaminants in indoor air are consistent with background levels; however, additional actions are needed to ensure that elevated

concentrations of site-related contaminants in sub-slab vapor do not affect the indoor air quality in the future. Any actions that are determined to be needed to address soil vapor intrusion outside of Operable Unit 3 will be implemented as part of other operable units.

Source of Data:

Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Transitioning from VCP site V00534 Location: The site is located on the lower East Side of the Borough of Manhattan in New York City. The site is bounded by East 13th Street to the north and East 10th Street to the south. South of 12th Street, the site extends from Avenue D to the East River and north of 12th Street the site extends from 250 ft east of Avenue C to the East River. Site Features: The site is divided into three distinct areas; the first, designated the "Jacob Riis" Area, is located along the east side of Avenue D between East 11th and East 14th Streets. It includes the portion of the New York City Housing Authority's (NYCHA) Jacob Riis Houses complex, encompassing the high-rise apartment buildings commonly known as 170 Avenue D, 178 Avenue D, 1115 FDR Drive, 1141 FDR Drive, 1223 FDR Drive and the adjacent New York City Department of Environmental Protection Manhattan Pumping Station. The second area, designated the "Saint Emeric's Property"; is located along the western side of Avenue D between East 12th and East 13th Streets. This area encompasses the grounds of the Roman Catholic Church of St. Emeric, Escuela Hispania Montessori Head Start School (formerly Saint Emeric's School) and the church/school's parking lot and sidewalks. There are currently four buildings on the Saint Emeric's property. The third area is designated as "Haven Plaza"; which is directly to the west of the Saint Emeric's Property between E. 13th Street and the former E. 12th Street. Current Zoning: New York City Planning Commission designates the properties as R7-2: Moderate to High-Density Residential District and includes land uses designated as multilevel elevator residential buildings, transportation and utility use, and public facilities and institutions. Past Uses of the Site: The East 11th Street Works began operations sometime between 1859 and 1868 and was shut down in approximately 1933. During its operational period, the manufactured gas plant (MGP) consisted of 17 gas holders ranging in capacity from approximately 50,000 cubic feet (cu ft.) to 5,000,000 cu ft. Several of the gas holders were converted from gas storage to liquid storage of naphtha, tar or gas oil. The original gas holders built in the late 1800s were most likely constructed with below grade bottoms. Many of these were replaced by large gas holders built on grade, with storage capacities greater than 1,000,000 cu ft. of gas. Other production and storage facilities that were present at the former MGP included retorts, fuel/gas oil tanks, tar separators, purifying houses, condensers and scrubbers. Site Geology and Hydrogeology: Overburden materials at the site comprise three primary stratigraphic units: fill, alluvium and glacial deposits. The Fill Unit is the uppermost unit encountered and is the present day surface of the site. The Fill Unit consists of typical urban debris, including reworked gravel, sand and clay, as well as various types of anthropogenic material, such as, but not limited to, concrete, brick, ash, cinder and glass. The Fill Unit is underlain by the Sand-Silt Unit, which is underlain by the Silty-Clay Unit. Beneath the overburden lies gneiss bedrock, which is located at least 90 feet below ground surface (ft bgs). The Fill Unit and the Sand-Silt Unit, represent a shallow unconfined aquifer (or water-table aquifer) and the Silty-Clay Unit appears to be semi-confining to groundwater. Shallow groundwater, found at approximately 10 ft bgs, appears to flow in a radial pattern from a groundwater mound centered in the southern portion of the site generally toward the East River. The site has been divided into four operable units (OUs). An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. The OUs are defined as follows: OU1 - Jacob Riis Property OU2 - Off-site East River Park and East River sediments OU3 - St. Emeric's Property, now BCP site C231105 OU4 - Haven Plaza A site location map is attached as Figure 1. A site map with former and existing site features is attached as Figure 2.

Assessment:

Soil and groundwater samples have been analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and cyanide. Based upon the investigations to date, the primary constituents of concern are benzene, toluene, ethylbenzene, and xylene (BTEX) compounds, and polycyclic aromatic hydrocarbons (PAHs). Inorganic compounds are also observed in exceedance of Soil Cleanup Objectives (SCO), but would not be considered primary constituents of concern for MGP sites with the exception of cyanide. Soil - BTEX compounds are observed in exceedance of NYSDEC Unrestricted Soil Cleanup Objectives (USCO) at depths between 20 and 27 feet below ground surface (bgs) on the western portion of the Site (Parcel C) and between 13 and 19 feet bgs on the eastern portion of the Site (Parcel E). PAHs are observed in exceedance of USCOs throughout the Site, aside from the northern parcel (Parcel A). Exceedances are primarily observed at depths ranging from 1 to 15 feet bgs, though exceedances are observed at depths from 20 to 27 feet bgs in the western portion of the Site (Parcel C), and from 53 to 60 feet bgs in the central portion of the Site (Parcel D). Inorganic compounds are found in exceedance of USCOs throughout the Site, aside from the northern parcel (Parcel A). Exceedances are primarily observed at depths between 1 and 15 feet bgs. Exceedances at depths greater than 15 feet bgs have been observed in the western portion of the Site (Parcel C) between 15 and 17 feet bgs, in the central portion of the Site (Parcel D) between 53 and 60 feet bgs, and in eastern portion of the Site (Parcel E) between 42 and 44 feet bgs. BTEX, PAHs, and inorganic compounds have been observed in exceedance of USCOs in offsite locations to the southwest (west of Parcel F). BTEX exceedances have been observed at depths between 3 to 19 feet bgs, PAH exceedances have been observed at depths between 1 to 9 feet bgs, and inorganic compounds have been observed at depths ranging from 1 to 25 feet bgs. PAHs and inorganic compounds have been observed in exceedance of USCOs in offsite locations to the southeast (east of Parcel F), with PAHs observed between 0 and 8 feet bgs, and inorganics observed between 0 and 17 feet bgs. Inorganic compounds (lead and mercury) have been observed in exceedance of USCOs in offsite locations to the northeast (adjacent to Parcel B) between 2 and 3 feet bgs. Groundwater - BTEX compounds are found in exceedance of NYSDEC Class GA Groundwater Quality Standards and Guidance Values (GQSGV) in the western (Parcel C), central (Parcel D), and eastern (Parcel E) portions of the Site. PAHs are found in exceedance of GQSGVs in the central (Parcel D), and eastern (Parcel E) portions of the Site. Cyanide has been observed in exceedance of GQSGVs in one location on the eastern portion of the Site (Parcel E). BTEX compounds, PAHs, and cyanide have been observed in exceedance of GQSGVs at offsite locations to the southwest (west of Parcel F). Phenol has been observed in exceedance of GQSGVs at one offsite location to the southeast (east of Parcel F).

Owner Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Seq No:	0000001	**Owner Street:**	250 BROADWAY
Sub Type:	02	**Owner Street 2:**	
Own Op:	01	**Owner City:**	NY
Owner Name:		**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	10007
Owner Co.:	NYC HOUSING AUTHORITY		

Seq No:	0000001	**Owner Street:**	1 Centre Street
Sub Type:	C01	**Owner Street 2:**	19th Floor
Own Op:	19	**Owner City:**	New York
Owner Name:	Gale A. Brewer	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	10007
Owner Co.:	Manhattan Borough President		

Seq No:	0000001	**Owner Street:**	4 Irving Place
Sub Type:	01	**Owner Street 2:**	
Own Op:	06	**Owner City:**	New York
Owner Name:	Ken Kaiser	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	10003
Owner Co.:	Consolidated Edison Co of NY, Inc.		

Seq No:	0000002	**Owner Street:**	331 E.10th Street
Sub Type:	NNN	**Owner Street 2:**	
Own Op:	19	**Owner City:**	New York
Owner Name:	Tompkins Square Branch	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	10009
Owner Co.:	New York Public Library		

Seq No:	0000003	**Owner Street:**	59 East 4th Street
Sub Type:	NNN	**Owner Street 2:**	
Own Op:	19	**Owner City:**	New York
Owner Name:		**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	10003
Owner Co.:	Manhattan Community Board 3		

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198 **1 of 1** **S** **0.74 / 3,892.71** **11.29 / 2**

Kent Avenue Generating Station
500 Kent Avenue
Brooklyn NY 11211

SHWS

Site Code:	421905	**Latitude:**	40.706388889
Site Code (GIS):	224137	**Longitude:**	-73.968888889
HW Code:	224137	**Latitude (GIS):**	40.7063885834154
SWIS:	2401	**Longitude (GIS):**	-73.9688888911438
Site Class:	N	**X Coord (GIS):**	587102.41048
Site Class (GIS):	N	**Y Coord (GIS):**	4506675.42644
Program:	HW	**Method:**	4.2
Acres:	2.640	**Accuracy:**	Variable
Town:	New York City	**Record Added:**	2009-11-17 14:13:00
County:	Kings	**Record Update:**	2010-07-16 14:06:00
Region:	2	**Updated by:**	MOBARRIE
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	Kings		

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any

actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

The Kent Avenue Generating Station Site is located in Brooklyn, NY. It is along the waterfront (Wallabout Channel, trib to East River) on the west side of Kent Avenue, south of the intersection with Division Avenue. The site is the location of the former Kent Avenue Generating Station, which has since been demolished. Excepting activities related to building demolition and property rehabilitation, with respect to current use the site is considered inactive. The uses of the surrounding parcels are varied: across Kent Avenue is a NYC Park (Roberto Clemente Ballfield); immediately to the south is the Brooklyn Navy Yard 13 Acre Parcel Site (NYSDEC Site No. 224019A); immediately to the north across Division Avenue are commercial uses; properties to the northeast and to the southeast appear to have residential uses. Prior uses that appear to have led to site contamination include discharges during the period of operation of the power plant and on-site re-use of prior demolished structures as fill material. A number of environmental investigations of the property have occurred including a Phase II (2000) and other investigations focused on particular issues or areas of the site from 2006 to present. Reclassified to N. See V00732 - Kent Avenue Station Site. Work to be done under VCA Amendment.

Assessment:

The primary contaminants of concern at the site known at the time include PCBs, asbestos, various metals, petroleum constituents and PAHs. Investigations indicate SCG exceedances of PCB and petroeum compounds in sediments/ sludge contained in a large concrete structure (known as "the ash pit"); asbestos, metals and PAHs in subsurface soils/fill; and an area of groundwater petroleum contamination in the southwest corner of the property. The significance of the contamination needs to be determined.

Owner Information

Seq No:	0000001	***Owner Street:***	4 IRVING PLACE
Sub Type:	01	***Owner Street 2:***	
Own Op:	01	***Owner City:***	NEW YORK
Owner Name:		***Owner State:***	NY
Country:	United States of America	***Owner Zip:***	10003
Owner Co.:	CONSOLIDATED EDISON COMPANY OF NEW YORK		

199	*1 of 1*	*NNW*	*0.76 / 4,029.68*	*8.91 / -1*	***CE E.14th Street Works (East River Generating Sta)*** ***East 14th Street*** ***Manhattan NY 10009***	***SHWS***

Site Code:	58915	***Latitude:***	40.728080600
Site Code (GIS):	231007	***Longitude:***	-73.973879040
HW Code:	231007	***Latitude (GIS):***	40.7280805957613
SWIS:	3101	***Longitude (GIS):***	-73.973879042988
Site Class:	A	***X Coord (GIS):***	586652.72961
Site Class (GIS):	A	***Y Coord (GIS):***	4509078.44931
Program:	HW	***Method:***	4.3

Acres:		**Accuracy:**	0 to 10 meters
Town:	New York City	**Record Added:**	2002-08-29 14:54:00
County:	New York	**Record Update:**	2018-02-23 11:45:00
Region:	2	**Updated by:**	GWCROSS
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	New York		

Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The East River Generating Station site (former East 14th Street Works) is located in Lower Manhattan, New York and is bounded by East 13th Street to the south and East 16th Street Service Center to the north, Avenue C to the west, and the FDR Drive to the East Site Features: With the exception of the ball field area, the entire site is either paved, covered by buildings, or has several feet of bluestone cover. Access to the entire facility is restricted, with internal operational areas such as substations and power generation areas further restricted to authorized workers. Current Zoning/Use(s): The site is now the location of various Con Edison facilities including the East River Generating Station (steam and steam-electric production plant), a Major Oil Storage Facility (MOSF), five electrical substations, a service center, an administration building, parking lots and recreational fields. Historical Uses: The Site has been used for utility generation and transmission for more then 100 years. In the early years of site operations, the blocks between FDR Drive and Avenue C and East 16th and East 14th Streets were the location of a manufactured gas plant (MGP). In addition, a separate MGP operation was situated on the property to the south of the site, along FDR Drive. Con Edison has investigated both of these FMGP sites under separate programs. Geology & Hydrogeology: Overburden on site ranges in thickness from approximately 80 feet to 130 feet and overlies an uneven bedrock surface. The overburden consists of three main units, listed from the ground surface down: Fill, Alluvial clay and silt with sand and organics, and Glacial sands and clay/silt beds. The fill consists of silty sand with wood, brick and concrete fragments(gravel to cobble size), cinders and incinerator ash fill, and glass fragments. The bedrock formation beneath the Site is the Manhattan Schist. Groundwater is present beneath the Site in the overburden under unconfined conditions at depths ranging from approximately five to eight feet below grade. Groundwater in this area is not used for potable purposes. Groundwater flow across the site is to the southeast, with some localized variations due to the presence of extensive underground utilities. Tidal influences on groundwater flow are not significant.

Assessment:

Some low level MGP contamination has been found at depth below the ball fields, but no contaminated material is found near the ground surface.

Materials Information

Waste Name:	COAL TAR	**Waste Quantity:**	UNKNOWN
Waste Code:			

HW Extra Information

Dump:	False	**Dell:**	False
Structure:	False	**Updated By:**	ajsylves
Lagoon:	False	**Record Added:**	2004-07-14 10:13:00
Landfill:	False	**Record Updated:**	2004-07-14 10:13:00
Pond:	False	**Latitude:**	
Disposal Start:		**Longitude:**	
Disposal Terminate:			

Projects Information

Project Code:	01	**Code Name:**	Site Characterization
Project Desc:	Site Caracterization	**Operable Unit ID:**	1104845
Project Refer Name:	Ball fields assessment	**Operable Unit:**	02
End Date:	2008-03-05 00:00:00	**Operable Unit Desc:**	East River Ballfields (MGP)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
End Status:	ANF					

200	1 of 1	S	0.81 / 4,272.83	11.28 / 2	**Brooklyn Navy Yard 13 Acre Parcel** **Kent Avenue** **Brooklyn NY 11205-**	SHWS

Site Code:	57818	**Latitude:**	40.705191180
Site Code (GIS):	224019A	**Longitude:**	-73.968391370
HW Code:	224019A	**Latitude (GIS):**	40.7051911783215
SWIS:	2401	**Longitude (GIS):**	-73.9683913683908
Site Class:	02	**X Coord (GIS):**	587146.00003
Site Class (GIS):	02	**Y Coord (GIS):**	4506543.00011
Program:	HW	**Method:**	4.3
Acres:	5.890	**Accuracy:**	0 to 10 meters
Town:	New York City	**Record Added:**	1999-11-18 12:00:00
County:	Kings	**Record Update:**	2019-03-20 14:11:00
Region:	2	**Updated by:**	GWBURKE
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	Kings		

Site Class Desc (GIS): This classification is assigned to a site at which:

a. the disposal of hazardous waste has been confirmed and the presence of such hazardous waste or its components or breakdown products represents a significant threat to public health or the environment: or
b. hazardous waste disposal has not been confirmed, but the site has been listed on the Federal National Priorities List (NPL).

Site Class Desc: This classification is assigned to a site at which:

a. the disposal of hazardous waste has been confirmed and the presence of such hazardous waste or its components or breakdown products represents a significant threat to public health or the environment: or
b. hazardous waste disposal has not been confirmed, but the site has been listed on the Federal National Priorities List (NPL).

Assess DOH: Remedial actions are complete and measures are in place to control the potential for coming in contact with contamination remaining at the site.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: This site is on the north-east portion of the Brooklyn Navy Yard Development Corp. Industrial Park (BNYDC) and is a portion of the site (224019A) which had been operated by the NYC Sanitation Department is currently being redeveloped by Steiner Studios into a new roadway and elevated parking lot. The site is bordered by the East River on the north and west, by Kent Avenue on the east, and by the rest of BNYDC site on the south. Site Features: The 13-Acre parcel site includes the former Building 419 transformer substation area and two former drum storage areas. The site surrounds Wallabout Channel (barge basin)on three sides. The 224019A site deals with only 5.89 acres of the parcel, and excludes the former coal gasification plant known to have existed at the remaining 3.5 acres of the site. Those 3.5 acres have been designated as a separate site and given the ID number of 224019B. Also excluded from the original 13 acres are an approximate 3.61 acres of land under water, which have been excluded from the original site definition. Current Zoning and Land Use: The site is zoned for commercial and industrial uses, and is currently used for vehicle and materials storage. The surrounding area includes industrial, commercial and residential uses. Past Use of the Site: The site was used in support of ship building and repair activities. Support actions included waste storage at the two drum storage areas, and power distribution at the transformer substation. The railroad siding area was used for the loading and unloading of materials and fuels. These uses, as well as historic filling practices throughout the waterfront, have led to demonstrable levels of lead, Polycyclic Aromatic Hydrocarbons (PAHs) and/or polychloriinated biphenyls (PCB) contamination. Site Geology and Hydrogeology: The site is underlain by historic fill to a depth of approximately fifteen feet in many areas. Beyond the fill material is a silt sand, then sand unit down to a depth of approximately 100 feet where the Gardiners Clay is found. Groundwater occurs at depths of approximately five feet, and flow is generally to the north and west towards the East River.

Assessment:

Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were semi-volatile organic compounds and PCBs in the soil. Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil is being managed under a Site Management Plan.

Materials Information

Waste Name:	LEAD	**Waste Quantity:**	UNKNOWN
Waste Code:	D008		
Waste Name:	PCB OIL	**Waste Quantity:**	UNKNOWN
Waste Code:	B007		
Waste Name:	CHLOROBENZENE	**Waste Quantity:**	UNKNOWN
Waste Code:	D021		
Waste Name:	NAPHTHALENE	**Waste Quantity:**	UNKNOWN
Waste Code:			
Waste Name:	Benzene (D018 Waste)	**Waste Quantity:**	unknown
Waste Code:	D018		

Owner Information

Seq No:	0000003	**Owner Street:**	10 Grand Army Plaza
Sub Type:	NNN	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:	Central Library	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	11238
Owner Co.:	Brooklyn Public Library		
Seq No:	0000001	**Owner Street:**	Building 292
Sub Type:	NNN	**Owner Street 2:**	63 Flushing Ave, Unit 300
Own Op:	04	**Owner City:**	New York
Owner Name:	Shani Leibowitz	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	11205
Owner Co.:	Brooklyn Navy Yard Development Corporation		
Seq No:	0000002	**Owner Street:**	350 Jay Street, 8th floor
Sub Type:	NNN	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:	John Dew, Chairperson	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	11201
Owner Co.:	Brooklyn Community Board #2		
Seq No:	0000001	**Owner Street:**	435 Graham Avenue
Sub Type:	NNN	**Owner Street 2:**	
Own Op:	19	**Owner City:**	Brooklyn
Owner Name:	Mr. Gerald A. Esposito	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	11211
Owner Co.:	Brooklyn Community Board #1		
Seq No:	0000001	**Owner Street:**	New York City Law Department
Sub Type:	C01	**Owner Street 2:**	100 Church Street, Rm 5-147
Own Op:	01	**Owner City:**	NEW YORK
Owner Name:	Michael L. Moore	**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	10007
Owner Co.:	CITY OF NEW YORK		

HW Extra Information

Dump:	True	**Dell:**	False
Structure:	True	**Updated By:**	ldennist
Lagoon:	False	**Record Added:**	1999-11-18 12:00:00
Landfill:	False	**Record Updated:**	2013-09-20 14:01:00
Pond:	False	**Latitude:**	40:41:51.7
Disposal Start:	1925	**Longitude:**	73:58:35.5
Disposal Terminate:	1995		

Projects Information

Project Code:	04	**Code Name:**	Remedial Design

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Project Desc:	Remedial Design	**Operable Unit ID:**	592
Project Refer Name:	O1 Remedial Design	**Operable Unit:**	01
End Date:	2011-06-24 00:00:00	**Operable Unit Desc:**	REMEDIAL PROGRAM
End Status:	ACT		
Project Code:	05	**Code Name:**	Remedial Action
Project Desc:	Remedial Action	**Operable Unit ID:**	1135265
Project Refer Name:	IRM Broadway Photo	**Operable Unit:**	01A
End Date:	2009-01-16 00:00:00	**Operable Unit Desc:**	IRM - Soil Removal - Drum Storage Area B
End Status:	ACT		
Project Code:	02	**Code Name:**	Remedial Investigation
Project Desc:	Remedial Investigation	**Operable Unit ID:**	592
Project Refer Name:		**Operable Unit:**	01
End Date:	2009-03-25 00:00:00	**Operable Unit Desc:**	REMEDIAL PROGRAM
End Status:	ACT		
Project Code:	01	**Code Name:**	Site Characterization
Project Desc:	Site Caracterization	**Operable Unit ID:**	592
Project Refer Name:		**Operable Unit:**	01
End Date:	2003-08-25 00:00:00	**Operable Unit Desc:**	REMEDIAL PROGRAM
End Status:	ACT		

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201 | ***1 of 1*** | ***NNE*** | ***0.82 / 4,319.00*** | ***13.77 / 4*** | ***58 Greenpoint Ave.-OER***
58 Greenpoint Ave.
Brooklyn NY 11222 | ***SHWS***

Site Code:	533500	**Latitude:**	40.729512000
Site Code (GIS):	224246	**Longitude:**	-73.958674000
HW Code:	224246	**Latitude (GIS):**	40.729511682409
SWIS:	2401	**Longitude (GIS):**	-73.9586740022454
Site Class:	P	**X Coord (GIS):**	587934.88519
Site Class (GIS):	P	**Y Coord (GIS):**	4509252.42705
Program:	HW	**Method:**	4.2
Acres:	0.090	**Accuracy:**	Variable
Town:	New York City	**Record Added:**	2016-10-12 16:00:00
County:	Kings	**Record Update:**	2019-04-18 15:57:00
Region:	2	**Updated by:**	SXDEWES
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	Kings		

Site Class Desc (GIS): Potential: This classification is used for sites where preliminary information indicates that a site may have contamination that makes it eligible for consideration for placement on the Registry of Inactive Hazardous Waste Disposal Sites (commonly referred to as the list of State Superfund Sites). Further information and/or investigation, in the form of a site characterization, is needed to determine if a Class P site qualifies for listing of the site on the Registry. Generally, to qualify for placement on the Registry, there must be evidence that hazardous waste was disposed on the site and that any resulting contamination presents a significant threat (or reasonably foreseeable threat) to public health or the environment. Class P sites are not listed on the Registry and many are eventually found to not qualify for Registry listing. Sites that do not qualify for listing are typically then reclassified to a "Class N" site.

Site Class Desc: Potential: This classification is used for sites where preliminary information indicates that a site may have contamination that makes it eligible for consideration for placement on the Registry of Inactive Hazardous Waste Disposal Sites (commonly referred to as the list of State Superfund Sites). Further information and/or investigation, in the form of a site characterization, is needed to determine if a Class P site qualifies for listing of the site on the Registry. Generally, to qualify for placement on the Registry, there must be evidence that hazardous waste was disposed on the site and that any resulting contamination presents a significant threat (or reasonably foreseeable threat) to public health or the environment. Class P sites are not listed on the Registry and many are eventually found to not qualify for Registry listing. Sites that do not qualify for listing are typically then reclassified to a "Class N" site.

Assess DOH: As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Assessment:

Projects Information

Project Code:	01	***Code Name:***	Site Characterization
Project Desc:	Site Caracterization	***Operable Unit ID:***	1282221
Project Refer Name:	OER SC	***Operable Unit:***	01
End Date:	2019-04-18 00:00:00	***Operable Unit Desc:***	Remedial Program
End Status:	ACT		

202 ***1 of 2*** ***S*** ***0.82 / 4,331.10*** ***8.01 / -1*** ***K-Nassau Works MGP***
Kent Avenue
Brooklyn NY 11205
MGP

Site Code:	224019B	***Project Manager:***	MACNEAL, DOUGLAS
SWIS Code:	2401	***Region:***	2
Class:	A	***Town:***	New York City
Disp Start:		***County:***	Kings
Disp Term:		***Latitude:***	40.705068422
Acres:	3.5	***Longitude:***	-73.968894784

Details

Description:

Location: The Nassau Gas Works site is located in an urban area in Brooklyn. It is located at the northwest corner of Kent Avenue and Washington Avenue. The original site footprint ran from Kent Avenue, south and west, under the current Wallabout Channel. Site Features: The main site features are a salt storage barn on one side of the site. The rest of the site is flat and used as vehicle parking for the NYC Department of Sanitation. Current Zoning/Use: The site is zoned commercial and is currently used by the NYC Department of Sanitation to park vehicles and store road salt. The surrounding parcels are used for a combination of commerical and multi-unit residential. Past Use of the Site: The site was originally a manufactured gas plant on the far Eastern edge of the Navy Yard. The site is contaminated with MGP tar which is acting as a source of VOCs and SVOCs. This site was originally the second operable unit of the Brooklyn Navy Yard class 2 site (224019A). Site Geology and Hydrogeology: The site is underlain by a 5 to 10 foot layer of fill. Under that are intermingled layers of silt and sand down to roughly 100 feet below grade. Beneath the silt and sand is a clay confining unit. Groundwater at the site is roughly 8' below grade and flows radially out from the north corner of the site to the southwest, south, and southeast.

Assess ENV:

Nature and Extent of Contamination: The main contaminant is MGP tar that has been found at depths exceeding 80 feet below grade and has migrated under the adjacent Wallabout Channel Barge Basin and the eastern end of the Brooklyn Navy Yard. The tar is the source of soil and groundwater contaminants which include VOCs and SVOCs. The soil contamination is found in the same areas as the tar contamination. Contaminants exceed the commercial use SCOs, e.g., benzene was found at a maximum concentration of 1,500 ppm and naphthalene was found at a maximum concentration of 7,600 ppm. The groundwater is contaminated with VOCs. The shallow groundwater contamination extends to the Wallabout Channel. However, the deep groundwater contamination extends almost another 500 feet southwest of the site limit, with toluene found at 37 ppb. There is no evidence of sediment impacts to the Wallabout Channel Barge Basin or the adjacent basins of the Brooklyn Navy Yard. Special Resources Impacted/Threatened: A Fish and Wildlife Resources Impact Analysis was performed and it was determined that no special resources were being threatened or impacted by site related contamination.

Assess DOH:

202 ***2 of 2*** ***S*** ***0.82 / 4,331.10*** ***8.01 / -1*** ***K-Nassau Works MGP***
Kent Avenue
Brooklyn NY 11205
SHWS

Site Code:	423830	***Latitude:***	40.705068422
Site Code (GIS):	224019B	***Longitude:***	-73.968894784
HW Code:	224019B	***Latitude (GIS):***	40.7050684282016
SWIS:	2401	***Longitude (GIS):***	-73.9688947840041
Site Class:	A	***X Coord (GIS):***	587103.63282
Site Class (GIS):	A	***Y Coord (GIS):***	4506528.87475
Program:	HW	***Method:***	4.2
Acres:	3.500	***Accuracy:***	Variable
Town:	New York City	***Record Added:***	2010-01-13 13:37:00
County:	Kings	***Record Update:***	2019-04-18 16:37:00
Region:	2	***Updated by:***	DJEATON

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Town (GIS): New York City **Region (GIS):** 2
County (GIS): Kings
Site Class Desc (GIS): Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.
Site Class Desc: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.
Assess DOH:
Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

Location: The Nassau Gas Works site is located in an urban area in Brooklyn. It is located at the northwest corner of Kent Avenue and Washington Avenue. The original site footprint ran from Kent Avenue, south and west, under the current Wallabout Channel. Site Features: The main site features are a salt storage barn on one side of the site. The rest of the site is flat and used as vehicle parking for the NYC Department of Sanitation. Current Zoning/Use: The site is zoned commercial and is currently used by the NYC Department of Sanitation to park vehicles and store road salt. The surrounding parcels are used for a combination of commerical and multi-unit residential. Past Use of the Site: The site was originally a manufactured gas plant on the far Eastern edge of the Navy Yard. The site is contaminated with MGP tar which is acting as a source of VOCs and SVOCs. This site was originally the second operable unit of the Brooklyn Navy Yard class 2 site (224019A). Site Geology and Hydrogeology: The site is underlain by a 5 to 10 foot layer of fill. Under that are intermingled layers of silt and sand down to roughly 100 feet below grade. Beneath the silt and sand is a clay confining unit. Groundwater at the site is roughly 8' below grade and flows radially out from the north corner of the site to the southwest, south, and southeast.

Assessment:

Nature and Extent of Contamination: The main contaminant is MGP tar that has been found at depths exceeding 80 feet below grade and has migrated under the adjacent Wallabout Channel Barge Basin and the eastern end of the Brooklyn Navy Yard. The tar is the source of soil and groundwater contaminants which include VOCs and SVOCs. The soil contamination is found in the same areas as the tar contamination. Contaminants exceed the commercial use SCOs, e.g., benzene was found at a maximum concentration of 1,500 ppm and naphthalene was found at a maximum concentration of 7,600 ppm. The groundwater is contaminated with VOCs. The shallow groundwater contamination extends to the Wallabout Channel. However, the deep groundwater contamination extends almost another 500 feet southwest of the site limit, with toluene found at 37 ppb. There is no evidence of sediment impacts to the Wallabout Channel Barge Basin or the adjacent basins of the Brooklyn Navy Yard. Special Resources Impacted/Threatened: A Fish and Wildlife Resources Impact Analysis was performed and it was determined that no special resources were being threatened or impacted by site related contamination.

Materials Information

Waste Name: COAL TAR **Waste Quantity:** UNKNOWN
Waste Code:

HW Extra Information

Dump: False **Dell:**
Structure: False **Updated By:** ldennist
Lagoon: False **Record Added:** 2013-09-20 14:15:00
Landfill: False **Record Updated:** 2013-09-20 14:15:00
Pond: False **Latitude:**
Disposal Start: **Longitude:**
Disposal Terminate:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
203	1 of 1	ENE	0.89 / 4,709.71	16.25 / 7	Former Berkman Bros Site 55 Eckford Street Brooklyn NY 11222	SHWS

Site Code: 470590 **Latitude:** 40.721794775
Site Code (GIS): 224168 **Longitude:** -73.948291650
HW Code: 224168 **Latitude (GIS):** 40.7217947804187
SWIS: 2401 **Longitude (GIS):** -73.9482916495235
Site Class: N **X Coord (GIS):** 588821.89900

Site Class (GIS):	N	**Y Coord (GIS):**	4508406.24700
Program:	HW	**Method:**	4.2
Acres:	0.234	**Accuracy:**	Variable
Town:	New York City	**Record Added:**	2012-10-30 10:38:00
County:	Kings	**Record Update:**	2018-10-31 10:43:00
Region:	2	**Updated by:**	MJCRUDEN
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	Kings		

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Assess DOH: As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

The site has transferred to the BCP and is being tracking under site #C224168.

Assessment:

Additional investigation will be needed in order to define the nature and extent of the contamination.

Owner Information

Seq No:	0000001	**Owner Street:**	55 Eckford Street
Sub Type:	E	**Owner Street 2:**	
Own Op:	01	**Owner City:**	Brooklyn
Owner Name:		**Owner State:**	NY
Country:	United States of America	**Owner Zip:**	11222
Owner Co.:	Eckford - Greenpoint LLC		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
204	1 of 1	E	0.96 / 5,058.29	13.99 / 5	City Barrel Co. 421-429 Meeker Street Brooklyn NY 11378	SHWS

Site Code:	55909	**Latitude:**	40.719003115
Site Code (GIS):	224005	**Longitude:**	-73.946664962
HW Code:	224005	**Latitude (GIS):**	40.7190031210284
SWIS:	2401	**Longitude (GIS):**	-73.9466649622218
Site Class:	N	**X Coord (GIS):**	588963.00006
Site Class (GIS):	N	**Y Coord (GIS):**	4508098.00013
Program:	HW	**Method:**	4.3
Acres:		**Accuracy:**	0 to 10 meters
Town:	New York City	**Record Added:**	1999-11-18 12:00:00
County:	Kings	**Record Update:**	2003-12-16 00:00:00
Region:	2	**Updated by:**	kstang
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	Kings		

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

The site did not qualify for addition to the Registry of Inactive Hazardous Disposal Sites. This site was listed in the Eckhardt subcommittee report as a disposal site. Investigation by the NYSDEC Regional offices indicate that this is an industrial operation to recycle, recover and refurbish drums and that no apparent disposal of hazardous or toxic waste have occurred here.

Assessment:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

None known. No apparent disposal of significant quantities of any hazardous waste.

205	1 of 2	S	0.99 / 5,221.64	12.88 / 3	**BUG, Nassau Works** **Kent Avenue & Cross Street** **Brooklyn 11237** **NY**	HSWDS

Reg Site ID:	U	**VOCs:**	Unknown
Site No:		**Semi VOCs:**	Unknown
EPA ID:	NYD980531990	**PCBs:**	No
Is Site Active?:	No	**Pesticides:**	No
Registry:	N	**Metals:**	Unknown
Years of Operation:	1869 to 1936	**Asbestos:**	No
RCRA:	Unknown	**County:**	Kings
HRS Score:	U	**Region:**	2
HRS Date:	U	**Latitude:**	40 42 15 N
Acres:	0.00	**Longitude:**	73 58 10 W
Site Code:	2A	**Quadrangle:**	U

Site Code Desc:	Coal Gasification Plant
Owner:	U
Owner Name:	(formerly) Brooklyn Union Gas
Owner Address:	195 Montague Street Brooklyn
Owner Telephone:	(718)403-3053
Operator:	U
Operator Name:	U
Operator Address:	U
Operator Telephone:	U
Completed Investigation:	PA
Samples Collected:	None
Threat to Env/Public Health?:	E
Surface Water Contamination?:	Unknown
Groundwater Contamination?:	Unknown
Drinking Water Contam?:	Unknown
Surface Water Class:	U
Groundwater Class:	U
Active Drinking Water Supply?:	Unknown
Hazard Substance Exposed?:	Unknown
Controlled Site Access?:	Unknown
Ambient Air Contamination?:	U
Threat of Direct Contact?:	Unknown
Doc Fish/Wildlife Mortality?:	Unknown
Impact on Special Status?:	Unknown
TCLP:	
Surface Water:	
Groundwater:	
Drinking Water:	
Fish or Wildlife Mortality:	
Fish or Wildlife Resource:	
Building:	
Hazard Substance Disposed:	Suspected coal tars
Air:	
Surface Water:	
Surface Soil:	
Waste:	
EP Toxicity:	
Groundwater:	
Sediment:	
Subsurface Soil:	
Leachate:	
Regulatory Agencies Involved:	Cercla 103c NYSDEC USEPA
Preparer:	Julia Slack Engineering Aide NYSDEC May 25, 1994
Nominated by:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Describe the Site: This was formerly the site of a coal-gasification plant, purchased by Brooklyn Union at the turn of the century. One of the by-products produced was a hydrocarbon tar which was temporarily stored on-site. Ownership and use of the property since 1936 is unknown.

Describe the Threat:

The soil was possibly contaminated with trace amounts of hydrocarbon tar; impact probably reduced by time and excavation of soils.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
205	2 of 2	S	0.99 / 5,221.64	12.88 / 3	BUG, Nassau Works Kent Avenue & Cross Street Brooklyn 11237 NY	HSWDS

Reg Site ID:	U	**VOCs:**	Unknown
Site No:	HS2015	**Semi VOCs:**	Unknown
EPA ID:	NYD980531990	**PCBs:**	No
Is Site Active?:	No	**Pesticides:**	No
Registry:	N	**Metals:**	Unknown
Years of Operation:	1869 to 1936	**Asbestos:**	No
RCRA:	Unknown	**County:**	Kings
HRS Score:	U	**Region:**	2
HRS Date:	U	**Latitude:**	40 42 15 N
Acres:	0.00	**Longitude:**	73 58 10 W
Site Code:	2A	**Quadrangle:**	U

Site Code Desc:	Coal Gasification Plant
Owner:	U
Owner Name:	(formerly) Brooklyn Union Gas
Owner Address:	195 Montague Street Brooklyn
Owner Telephone:	(718)403-3053
Operator:	U
Operator Name:	U
Operator Address:	U
Operator Telephone:	U
Completed Investigation:	PA
Samples Collected:	None
Threat to Env/Public Health?:	E
Surface Water Contamination?:	Unknown
Groundwater Contamination?:	Unknown
Drinking Water Contam?:	Unknown
Surface Water Class:	U
Groundwater Class:	U
Active Drinking Water Supply?:	Unknown
Hazard Substance Exposed?:	Unknown
Controlled Site Access?:	Unknown
Ambient Air Contamination?:	U
Threat of Direct Contact?:	Unknown
Doc Fish/Wildlife Mortality?:	Unknown
Impact on Special Status?:	Unknown
TCLP:	
Surface Water:	
Groundwater:	
Drinking Water:	
Fish or Wildlife Mortality:	
Fish or Wildlife Resource:	
Building:	
Hazard Substance Disposed:	Suspected coal tars
Air:	
Surface Water:	
Surface Soil:	
Waste:	
EP Toxicity:	
Groundwater:	
Sediment:	
Subsurface Soil:	
Leachate:	
Regulatory Agencies Involved:	Cercla 103c NYSDEC

USEPA
Preparer: Julia Slack
Engineering Aide
NYSDEC
May 25, 1994

Nominated by:

Describe the Site: This was formerly the site of a coal-gasification plant, purchased by Brooklyn Union at the turn of the century. One of the by-products produced was a
hydrocarbon tar which was temporarily stored on-site. Ownership and use of the property since 1936 is unknown.

Describe the Threat:

The soil was possibly contaminated with trace amounts of hydrocarbon tar; impact probably reduced by time and excavation of soils.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
206	1 of 1	SSW	0.99 / 5,249.87	0.00 / -9	Naval Station - Brooklyn 63 FLUSHING AVENUE BROOKLYN NY	SHWS

Site Code:	338759	**Latitude:**	40.698198173
Site Code (GIS):	224018	**Longitude:**	-73.974498987
HW Code:	224018	**Latitude (GIS):**	40.698198178246
SWIS:	2401	**Longitude (GIS):**	-73.9744989867024
Site Class:	N	**X Coord (GIS):**	586639.10700
Site Class (GIS):	N	**Y Coord (GIS):**	4505760.69100
Program:	HW	**Method:**	4.3
Acres:		**Accuracy:**	0 to 10 meters
Town:	New York City	**Record Added:**	1999-11-18 12:00:00
County:	Kings	**Record Update:**	2003-12-16 00:00:00
Region:	2	**Updated by:**	kstang
Town (GIS):	New York City	**Region (GIS):**	2
County (GIS):	Kings		

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being

managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

The site did not qualify for addition to the Registry of Inactive Hazardous Waste Sites.

Assessment:

Projects Information

Project Code:	01	***Code Name:***	Site Characterization
Project Desc:	Site Caracterization	***Operable Unit ID:***	1100669
Project Refer Name:		***Operable Unit:***	01
End Date:	1995-12-01 00:00:00	***Operable Unit Desc:***	NAVAL STATION BROOKLYN
End Status:	ACT		

Unplottable Summary

Total: 75 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
E DESIGNATION		KENT AVENUE	Brooklyn NY		873102525
E DESIGNATION		KENT AVENUE	Brooklyn NY	11249	873102523
E DESIGNATION	DOMINO A LLC	KENT AVENUE	Brooklyn NY	11249	818632995
E DESIGNATION	PARKS AND RECREATION	GRAND STREET	Brooklyn NY	11211	811786493
E DESIGNATION	MILLNB LLC	WYTHE AVENUE	Brooklyn NY	11249	811786263
E DESIGNATION	ROBERT J BESWICK	GRAND STREET	Brooklyn NY	11249	811786530
E DESIGNATION		KENT AVENUE	Brooklyn NY	11249	873102524
ERNS		KENT AVE DIVISON AVE	BROOKLYN NY		806572945
ERNS		NORTH FIRST STREET OIL FARM,214 KENT AVE	BROOKLYN NY		806968516
ERNS		GRAHAM AVE AND METROPOLITAN AVE	BROOKLYN NY		875104815
FINDS/FRS	NYS OPRHP - EAST RIVER STATE PARK	KENT AVE AT EAST RIVER	BROOKLYN NY	11211	816240193
FINDS/FRS	CON EDISON -	N/INT GRAND & METROPOLITAN	BROOKLYN NY	11211	821379366

	MANHOLE 14145	AVE			
FINDS/FRS	CON EDISON - MANHOLE 10	E/S KENT AVE 290` S/O SOUTH 9	BROOKLYN NY	11211	821380003
GEN MANIFEST	CON EDISON	N/W/C SOUTH WYTHE AVE.	BROOKLYN NY	11249	874694651
GEN MANIFEST	CON EDISON	N 1ST ST 216' W/O RIVER ST SB 16130	BROOKLYN NY	11249	874648468
GEN MANIFEST	NYCDEP	KENT AVE N/O 5TH ST	BROOKLYN NY		874593976
GEN MANIFEST	CON EDISON	E/S KENT AVE 290` S/O SOUTH 9 SREET	BROOKLYN NY	11211	874604478
GEN MANIFEST	NYCDEP	S 1ST ST	BROOKLYN NY		874593890
GEN MANIFEST	CON ED	SWC GRAND STBERRY ST	BROOKLYN NY	11249	874684571
GEN MANIFEST	CONSOLIDATED EDISON	V4146-N135TH ST & KENT AVE	BROOKLYN NY		874621391
GEN MANIFEST	CON EDISON	W SIDE WYTHE NO 11TH ST MH 73381	BROOKLYN NY	11211	874601568
GEN MANIFEST	FORMER CONCRETE TESTING LAB	KENT AVE NUE	BROOKLYN NY		874666770
HMIRS		GRAND STREET	BROOKLYN NY		818402327
HMIRS		GRAND STREET	BROOKLYN NY		818384294
HMIRS		GRAND STREET	BROOKLYN NY		818197984

HMIRS		KENT AVENUE	BROOKLYN NY		818583529
HMIRS		KENT AV.	BROOKLYN NY		818189279
HSWDS	Berry Street Housing Project	South 10th Street Brooklyn 11211	NY		863414955
HSWDS	Berry Street Housing Project	South 10th Street Brooklyn 11211	NY		863416498
HSWDS	Berry Street Housing Project	South 10th Street Brooklyn 11211	NY		863415274
HSWDS	BUG, Peoples Works	Kent Ave. Brooklyn 11211	NY		863415272
MGP	K - Peoples Works	Kent Ave. S. 10th St., S. 11th St.	Brooklyn NY	11211	875152995
NY MANIFEST	CON EDISON - VAULT VS6323	DIVISION ST & WYTHE AVE INT	BROOKLYN NY	11249	874586323
NY SPILLS	BROOKLYN KINGS EXPRESSWAY	AND METROPOLITAN AVE ***Site ID* | *Close Date:*** 241730 | 2003-10-28 00:00:00	BROOKLYN NY		813783164
NY SPILLS	FALSE ALARM LTD	168 N. 14TH ST/ 93-101 N. 13TH ST/ 29-43 WYTHE AVE ***Site ID* | *Close Date:*** 407262 | 2008-12-04 00:00:00	BROOKLYN NY		813957255
NY SPILLS	BROOKLYN QUEENS EXPWY	AT METROPOLITAN AVE ***Site ID* | *Close Date:*** 183555 | 1996-08-09 00:00:00	BROOKLYN NY		813970595
NY SPILLS	METROPOLITAN AVENUE	AT RIVER STREET ***Site ID* | *Close Date:*** 95846 | 2005-05-23 00:00:00	BROOKLYN NY		813779834
NY SPILLS	ROADWAY	B2E EB BEFORE METROPOLITAN AVE ***Site ID* | *Close Date:*** 511142 | 2015-08-07 00:00:00	BROOKLYN NY		827223846
NY SPILLS	NYC TRANSIT MANHOLE 1B	DIV AVE 215 WEST OF KENT	BROOKLYN NY		813832401

		Site ID* | *Close Date: 206925 | 1999-12-13 00:00:00		
NY SPILLS	EAST RIVER -GRAND STREET	EAST RIVER AT GRAND AVE ***Site ID* | *Close Date:*** 153357 | 1995-03-31 00:00:00	BROOKLYN NY	813740876
NY SPILLS	EAST SIDE OF KENT AVE	EAST SIDE OF KENT AVE ***Site ID* | *Close Date:*** 193162 | 2008-05-12 00:00:00	BROOKLYN NY	813979373
NY SPILLS	HUMBOLT STREET AND	GRAND STREET ***Site ID* | *Close Date:*** 307648 | 2002-11-04 00:00:00	BROOKLYN NY	813950611
NY SPILLS	NEWTOWN CREEK	GRAND ST ***Site ID* | *Close Date:*** 591983 |	BROOKLYN NY	876296634
NY SPILLS	GRAND STREET BRIDGE	GRAND STREET ***Site ID* | *Close Date:*** 307649 | 1997-10-21 00:00:00	BROOKLYN NY	813938434
NY SPILLS	MANHOLE 64824	WYTHE AVENUE ***Site ID* | *Close Date:*** 61916 | 2004-01-30 00:00:00	BROOKLYN NY	813739137
NY SPILLS	VAULT #2720	WHITE AVE/N OF N 3RD ST ***Site ID* | *Close Date:*** 149025 | 2002-12-30 00:00:00	BROOKLYN NY	813938544
NY SPILLS	I/F/O NORTH 12TH ST BETWEEN WYTHE ST AND KENT ST	north 12 th st by wythe st & kent st ***Site ID* | *Close Date:*** 404749 | 2008-10-01 00:00:00	brooklyn NY	813815013
NY SPILLS	N3 AND N4TH STREET	N3 AND N 4TH STREET ***Site ID* | *Close Date:*** 117520 | 2006-06-09 00:00:00	BROOKLYN NY	813849808
NY SPILLS	MANHOLE #00019 S/O 5TH &	N/W CORNER WYTHE AV ***Site ID* | *Close Date:*** 178458 | 2002-11-04 00:00:00	BROOKLYN NY	813722162
NY SPILLS	METROPOLITAN AV STOP/BKLY	METROPOLITAN AVE STOP ***Site ID* | *Close Date:*** 105273 | 1992-12-04 00:00:00	BROOKLYN NY	813657830
NY SPILLS	METROPOLITAN AVENUE	METROPOLITAN AVENUE ***Site ID* | *Close Date:*** 237050 | 2003-02-11 00:00:00	BROOKLYN NY	813837254
NY SPILLS	METROPOLITAN AVE BRIDGE	METROPOLITAN AVENUE ***Site ID* | *Close Date:*** 237049 | 2002-08-16 00:00:00	BROOKLYN NY	813922760

NY SPILLS	TM 70	METROPOLITAN AVE	BROOKLYN NY		813771051
		Site ID* | *Close Date: 211471 | 2003-02-26 00:00:00			
NY SPILLS	NEWTON CREEK REG #B7	METROPOLITAN AV	BROOKLYN NY		813888672
		Site ID* | *Close Date: 299540 | 1997-12-05 00:00:00			
NY SPILLS	VAULT 2597	METROPOLITAN AV	BROOKLYN NY		813639523
		Site ID* | *Close Date: 299538 | 2004-07-15 00:00:00			
NY SPILLS	BQE E/B &	METROPOLITAN AV	BROOKLYN NY		813889946
		Site ID* | *Close Date: 299539 | 2003-02-24 00:00:00			
NY SPILLS	BY KENT AV	METROPOLITAN	BROOKLYN NY		813830815
		Site ID* | *Close Date: 113069 | 2002-05-15 00:00:00			
NY SPILLS	KENT AVE ROADWAY	KENT AVE BEWTEEN N 4TH ST & N 5TH ST	BROOKLYN NY		821356220
		Site ID* | *Close Date: 493351 | 2014-04-07 00:00:00			
NY SPILLS	ON STREET	KENT AVE	BROOKLYN NY		813720057
		Site ID* | *Close Date: 211729 | 2002-04-23 00:00:00			
NY SPILLS	EAST RIVER	KENT AVE	BROOKLYN NY		813689771
		Site ID* | *Close Date: 211732 | 2004-05-12 00:00:00			
NY SPILLS	CORNER METROPOLATAIN AND	KENT AVE	BROOKLYN NY		813709050
		Site ID* | *Close Date: 211728 | 2001-09-10 00:00:00			
NY SPILLS	BROOKLYN NAVY YARD	KENT AVE	BROOKLYN NY		813976914
		Site ID* | *Close Date: 211731 | 1997-04-09 00:00:00			
NY SPILLS	MANHOLE TM851	KENT AVE	BROOKLYN NY		813755196
		Site ID* | *Close Date: 211733 | 1999-10-18 00:00:00			
NY SPILLS	KENT TERMINAL CORP	KENT AVE	BROOKLYN NY		813641973
		Site ID* | *Close Date: 211730 | 2005-01-28 00:00:00			
NY SPILLS	BQE AND	KENT AV EXIT	BROOKLYN NY		813769953
		Site ID* | *Close Date: 69960 | 2002-11-07 00:00:00			
RCRA LQG	CON EDISON - MANHOLE 10	E/S KENT AVE 290` S/O SOUTH 9 SREET	BROOKLYN NY	11211	821921900

		EPA Handler ID: NYP004346409			
RCRA LQG	CON EDISON - MANHOLE 4876	BEDFORD AVE & S 2ND ST INT ***EPA Handler ID:*** NYP005029564	BROOKLYN NY	11211	873890804
RCRA LQG	NYSDOT BIN 1065459	I-278 OVER WYTHE AVE ***EPA Handler ID:*** NYR000155671	BROOKLYN NY	11211	810520140
RCRA LQG	CON EDISON - MANHOLE 4863	WYTHE AVE & S 4TH ST INT ***EPA Handler ID:*** NYP004687620	BROOKLYN NY	11249	873892488
RCRA LQG	CON EDISON - MANHOLE 83293	S 2ND ST & KENT AVE INT ***EPA Handler ID:*** NYP005059124	BROOKLYN NY	11249	873893240
RCRA NON GEN	CON EDISON SERVICE BOX: 23585	BEDFORD AVE & BERRY ST 164 FEET S OF ***EPA Handler ID:*** NYP004577557	BROOKLYN NY	11249	822549868
RCRA SQG	CON EDISON- #7 FUEL OIL PIPELINE REMOVAL	N 1ST & KENT AVE TO FRANKLIN ST TO EAGLE ST & E 250 FEET ***EPA Handler ID:*** NYR000130633	BROOKLYN NY	11211	810529311
SHWS	Jones Motors	Lombardy Street (Foot of Newton Creek)	Brooklyn NY		814053908
VCP	Peoples Works	Kent Ave. S. 10th St., S. 11th St.	Brooklyn NY	11211-	814054816
VCP	Peoples Works	Kent Ave. S., 10th St., S. 11th St.	Brooklyn NY	11211	814054853

Unplottable Report

Site:

KENT AVENUE Brooklyn NY

E DESIGNATION

BBL:	3024140003	***Community District:***	301
E-Designation No:	R-195	***Tax Block:***	2414
E-Designation Date:	12/20/2018	***Tax Lot:***	3
Year Built:	0	***X Coordinate:***	993392
Lot Area:	0	***Y Coordinate:***	199867

Land Use: 11
Land Use Desc: Vacant Land
Owner Type:
Owner Type Desc:
Area Source: 7
Area Source Desc: Department of Finance's Mass Appraisal System
Extension Code:
Extension Desc:
Proximity Code: 0
Proximity Desc: Not Available
Lot Type: 0
Lot Type Desc: Mixed or Unknown
Basement Code: 5
Basement Desc: Unknown

(E) Designations Details

E No: R-195
CEQR No: 07DCP094K
Borough Code: 3
ULURP No: 100185 ZMK

(E) Designations Details

E No: E-337
CEQR No: 07DCP094K
Borough Code: 3
ULURP No: 140131ZRK 140132ZSK 140133ZSK 140134ZSK 140135ZSK 140136ZAK

Site:

KENT AVENUE Brooklyn NY 11249

E DESIGNATION

BBL:	3024140026	***Community District:***	301
E-Designation No:	R-195	***Tax Block:***	2414
E-Designation Date:	12/20/2018	***Tax Lot:***	26
Year Built:	0	***X Coordinate:***	993205
Lot Area:	0	***Y Coordinate:***	199305

Land Use: 11
Land Use Desc: Vacant Land
Owner Type:
Owner Type Desc:
Area Source: 7
Area Source Desc: Department of Finance's Mass Appraisal System
Extension Code:
Extension Desc:
Proximity Code: 0
Proximity Desc: Not Available
Lot Type: 0
Lot Type Desc: Mixed or Unknown
Basement Code: 5
Basement Desc: Unknown

(E) Designations Details

E No: R-195
CEQR No: 07DCP094K
Borough Code: 3
ULURP No: 100185 ZMK

(E) Designations Details

E No: E-337
CEQR No: 07DCP094K
Borough Code: 3
ULURP No: 140131ZRK 140132ZSK 140133ZSK 140134ZSK 140135ZSK 140136ZAK

Site: ***DOMINO A LLC***
KENT AVENUE Brooklyn NY 11249

E DESIGNATION

BBL: 3024140001
E-Designation No: R-195
E-Designation Date: 12/20/2018
Year Built: 0
Lot Area: 509214
Land Use: 11
Land Use Desc: Vacant Land
Owner Type:
Owner Type Desc:
Area Source: 7
Area Source Desc: Department of Finance's Mass Appraisal System
Extension Code:
Extension Desc:
Proximity Code: 0
Proximity Desc: Not Available
Lot Type: 5
Lot Type Desc: Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.
Basement Code: 5
Basement Desc: Unknown
Community District: 301
Tax Block: 2414
Tax Lot: 1
X Coordinate: 993091
Y Coordinate: 199737

(E) Designations Details

E No: R-195
CEQR No: 07DCP094K
Borough Code: 3
ULURP No: 100185 ZMK

(E) Designations Details

E No: E-337
CEQR No: 07DCP094K
Borough Code: 3
ULURP No: 140131ZRK 140132ZSK 140133ZSK 140134ZSK 140135ZSK 140136ZAK

Site: ***PARKS AND RECREATION***
GRAND STREET Brooklyn NY 11211

E DESIGNATION

BBL: 3023820028
E-Designation No: E-138
E-Designation Date: 12/20/2018
Year Built: 0
Lot Area: 1794
Land Use: 11
Land Use Desc: Vacant Land
Owner Type: X
Owner Type Desc: Mixed (Excludes property with a C, M, O, or P ownership code). Fully tax exempt property that could be owned by the city, state, or federal government; a public authority; or a private institution
Area Source: 7
Community District: 301
Tax Block: 2382
Tax Lot: 28
X Coordinate: 995634
Y Coordinate: 199331

Area Source Desc: Department of Finance's Mass Appraisal System
Extension Code:
Extension Desc:
Proximity Code: 0
Proximity Desc: Not Available
Lot Type: 5
Lot Type Desc: Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.
Basement Code: 5
Basement Desc: Unknown

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Window Wall Attenuation & Alternate Ventilation
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

CEQR No: 04DCP003K
Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date: 5/11/2005
Lot Remediation Date:
Satisfaction Date:
Application No: 050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

Site: ***MILLNB LLC***
WYTHE AVENUE Brooklyn NY 11249

E DESIGNATION

BBL: 3023500002
E-Designation No: E-138
E-Designation Date: 12/20/2018
Year Built: 0
Lot Area: 9000
Community District: 301
Tax Block: 2350
Tax Lot: 2
X Coordinate: 994765
Y Coordinate: 200639
Land Use: 11
Land Use Desc: Vacant Land
Owner Type:
Owner Type Desc:
Area Source: 7
Area Source Desc: Department of Finance's Mass Appraisal System
Extension Code:
Extension Desc:
Proximity Code: 0
Proximity Desc: Not Available
Lot Type: 5
Lot Type Desc: Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.
Basement Code: 5
Basement Desc: Unknown

(E) Designations Details

E No: E-138
CEQR No: 04DCP003K
Borough Code: 3
ULURP No: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date:	5/11/2005
Lot Remediation Date:	
Satisfaction Date:	
Application No:	050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

Site: ***ROBERT J BESWICK***
GRAND STREET Brooklyn NY 11249

E DESIGNATION

BBL:	3023900016	***Community District:***	301
E-Designation No:	E-138	***Tax Block:***	2390
E-Designation Date:	12/20/2018	***Tax Lot:***	16
Year Built:	0	***X Coordinate:***	993856
Lot Area:	2500	***Y Coordinate:***	200042
Land Use:	10		
Land Use Desc:	Parking Facilities		
Owner Type:			
Owner Type Desc:			
Area Source:	7		
Area Source Desc:	Department of Finance's Mass Appraisal System		
Extension Code:			
Extension Desc:			
Proximity Code:	0		
Proximity Desc:	Not Available		
Lot Type:	5		
Lot Type Desc:	Inside - A tax lot which is not an assemblage, waterfront, corner, through, interior, island, alley or submerged lot.		
Basement Code:	5		
Basement Desc:	Unknown		

(E) Designations Details

E No:	E-138
CEQR No:	04DCP003K
Borough Code:	3
ULURP No:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK

City Environmental Quality Review (CEQR) Details

CEQR No:	04DCP003K
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Effective Date:	5/11/2005
Lot Remediation Date:	
Satisfaction Date:	
Application No:	050110 ZRK,050111 ZMK,050415 MMK,040416 MMK,040417 MMK,040418 MMK,050110 (A)ZRK,050111 (A)ZMK

Site:
KENT AVENUE Brooklyn NY 11249

E DESIGNATION

BBL:	3024140027	***Community District:***	301
E-Designation No:	R-195	***Tax Block:***	2414
E-Designation Date:	12/20/2018	***Tax Lot:***	27
Year Built:	0	***X Coordinate:***	993145
Lot Area:	0	***Y Coordinate:***	199080
Land Use:	11		
Land Use Desc:	Vacant Land		
Owner Type:			
Owner Type Desc:			
Area Source:	7		

Area Source Desc: Department of Finance's Mass Appraisal System
Extension Code:
Extension Desc:
Proximity Code: 0
Proximity Desc: Not Available
Lot Type: 0
Lot Type Desc: Mixed or Unknown
Basement Code: 5
Basement Desc: Unknown

(E) Designations Details

E No: E-337
CEQR No: 07DCP094K
Borough Code: 3
ULURP No: 140131ZRK 140132ZSK 140133ZSK 140134ZSK 140135ZSK 140136ZAK

(E) Designations Details

E No: R-195
CEQR No: 07DCP094K
Borough Code: 3
ULURP No: 100185 ZMK

Site:

KENT AVE DIVISON AVE BROOKLYN NY ERNS

NRC Report No: 1030932
Type of Incident: UNKNOWN SHEEN
Incident Cause: UNKNOWN
Incident Date: 11/17/2012 3:34:00 PM
Incident Location: UNKNOWN SHEEN INCIDENT
Incident Dtg: DISCOVERED
Distance from City:
Distance Units:
Potential Flag: No
Year: Year 2012 Reports
Direction from City:
Location County: KINGS(BROOKLYN)
Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:
Longitude Seconds:
Lat Quad:
Long Quad:
Location Section:
Location Township:
Location Range:
Description of Incident: CALLER RECEIVED THIRD PARTY NOTIFICATION OF A PLASTIC BAG ACCOMPANIED BY RED DISCOLORATION AND UNSPECIFIED DEBRIS IN THE EAST RIVER IN VICINITY OF DIVISION AVE & KENT AVE.

Material Spill Information

Chris Code: UNK
CAS No: 000000-00-0
UN No:
Name of Material: UNKNOWN MATERIAL
Amount of Material: 0
Unit of Measure: UNKNOWN AMOUNT
If Reached Water: YES
Amount in Water: 0
Unit Reach Water: UNKNOWN AMOUNT

Calls Information

Date Time Received: 11/17/2012 4:32:13 PM
Date Time Complete: 11/17/2012 4:37:21 PM
Call Type: INC
Resp Company:
Resp Org Type: UNKNOWN
Responsible City:
Responsible State: XX
Responsible Zip:
Source: TELEPHONE

Incident Information

Tank ID:
Tank Regulated: U
Tank Regulated By:
Capacity of Tank:
Capacity Tank Units:
Building ID:
Location Area ID:
Location Block ID:
OCSG No:
OCSP No:

Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	U	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	U	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	NYC 311, NYC INDUSTRIAL WASTE DEPT
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:		***Body of Water:***	EAST RIVER
Fire Involved:	N	***Tributary of:***	NEW YORK BAY
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	SUNNY
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	NO
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	

Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	REDDISH
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	EAST RIVER	***Additional Info:***	

Site:

NORTH FIRST STREET OIL FARM,214 KENT AVE BROOKLYN NY ERNS

NRC Report No:	470879	***Latitude Degrees:***	
Type of Incident:	MOBILE	***Latitude Minutes:***	
Incident Cause:	EQUIPMENT FAILURE	***Latitude Seconds:***	
Incident Date:	1/17/1999 7:33:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1999 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	KINGS(BROOKLYN)		
Description of Incident:	HOSE CONNECTION ON TRUCK / HOSE LEAKED		

Material Spill Information

Chris Code:	OSX	***Unit of Measure:***	GALLON(S)
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	OIL, FUEL: NO. 6	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	30		

Calls Information

Date Time Received:	1/18/1999 12:28:26 AM	***Responsible City:***	NEW YORK
Date Time Complete:	1/18/1999 12:34:56 AM	***Responsible State:***	NY
Call Type:	INC	***Responsible Zip:***	10023
Resp Company:	CON EDISON	***Source:***	UNAVAILABLE
Resp Org Type:	PUBLIC UTILITY		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	

Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	UNKNOWN	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	DRAIN BLOCKER IN CATCH BASIN / CLEAN UP CREWS ON SCENE / BOOMED CATCHBASIN	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	CATCH BASIN	***Additional Info:***	AREA EFFECTED: UNKNOWN

Site:

GRAHAM AVE AND METROPOLITAN AVE BROOKLYN NY

ERNS

NRC Report No:	1237041	***Latitude Degrees:***	
Type of Incident:	FIXED	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	2/6/2019 17:18	***Longitude Degrees:***	

Incident Location:		***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:	No	***Location Section:***	
Year:	Year 2019 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	KINGS(BROOKLYN)		

Description of Incident: CALLER IS REPORTING THAT SINCE MONDAY THERE IS A STRONG FUEL SMELL COMING FROM UNDERGROUND. CALLER IS CONCERNED ABOUT THEIR HEALTH.

Material Spill Information

Chris Code:	OUN	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:	000000-00-0	***If Reached Water:***	NO
UN No:		***Amount in Water:***	
Name of Material:	UNKNOWN FUEL	***Unit Reach Water:***	
Amount of Material:	0		

Calls Information

Date Time Received:	2/7/2019 10:39:00 AM	***Responsible City:***	
Date Time Complete:	2/7/2019 10:39:00 AM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	U
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	OTHER	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	U	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	

Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	U	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:		***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	NO
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	UNKNOWN	***Sheen Odor Desc:***	
Medium Desc:	AIR	***Duration Unit:***	
Addl Medium Info:	ATMOSPHERE	***Additional Info:***	

Site: ***NYS OPRHP - EAST RIVER STATE PARK***
KENT AVE AT EAST RIVER BROOKLYN NY 11211

FINDS/FRS

Registry ID:	110024776312
FIPS Code:	
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	18-MAY-2006 23:15:46
Update Date:	31-DEC-2013 13:55:00
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	02

County Name: KINGS
US/Mexico Border Ind:
Latitude: 40.721112
Longitude: -73.962711
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110024776312
Program Acronyms:

FIS:2-6101-01188

Site: ***CON EDISON - MANHOLE 14145***
N/INT GRAND & METROPOLITAN AVE BROOKLYN NY 11211

FINDS/FRS

Registry ID: 110056328889
FIPS Code: 36047
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location: .
Create Date: 27-NOV-2013 15:37:30
Update Date: 27-JAN-2015 13:43:10
Interest Types: HAZARDOUS WASTE BIENNIAL REPORTER, LQG
SIC Codes:
SIC Code Descriptions:
NAICS Codes: 221122
NAICS Code Descriptions: ELECTRIC POWER DISTRIBUTION.
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 02
County Name: KINGS
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110056328889
Program Acronyms:

BR:NYP004296729, RCRAINFO:NYP004296729

Site: ***CON EDISON - MANHOLE 10***
E/S KENT AVE 290` S/O SOUTH 9 BROOKLYN NY 11211

FINDS/FRS

Registry ID: 110060163200
FIPS Code: 36047
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location: SREET
Create Date: 22-JUL-2014 15:36:20
Update Date: 27-JAN-2015 13:47:31
Interest Types: HAZARDOUS WASTE BIENNIAL REPORTER, LQG
SIC Codes:
SIC Code Descriptions:

NAICS Codes: 221122
NAICS Code Descriptions: ELECTRIC POWER DISTRIBUTION.
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 02
County Name: KINGS
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110060163200
Program Acronyms:

BR:NYP004346409, RCRAINFO:NYP004346409

Site: ***CON EDISON***
N/W/C SOUTH WYTHE AVE. BROOKLYN NY 11249

GEN MANIFEST

RCRA ID: NYP004687612
Mailing Street 1: 4 IRVING PL 15TH FL
District Name: CON EDISON
Mailing Street 2:
Business Phone No: 2124603770
Mailing City: NEW YORK
Contact Name: TOM TEELING
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 500 Gallons

Site: ***CON EDISON***
N 1ST ST 216' W/O RIVER ST SB 16130 BROOKLYN NY 11249

GEN MANIFEST

RCRA ID: NYP004718847
Mailing Street 1: 4 IRVING PLACE - 15TH FLOOR
District Name: CON EDISON
Mailing Street 2:
Business Phone No:
Mailing City: NEW YORK
Contact Name: TOM TEELING
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA

Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2015: 100 Gallons

Site: ***NYCDEP***
KENT AVE N/O 5TH ST BROOKLYN NY

GEN MANIFEST

RCRA ID: NYP003662194
Mailing Street 1: 96-05 HORACE HARDING EXPWY
District Name: NYCDEP
Mailing Street 2:
Business Phone No: 3473856381
Mailing City: CORONA
Contact Name: N/S
Mailing State: NY
Location Zip Extension:
Mailing Zip: 11368
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2004: 4000 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2004: 350 Pounds

Site: ***CON EDISON***
E/S KENT AVE 290` S/O SOUTH 9 SREET BROOKLYN NY 11211

GEN MANIFEST

RCRA ID: NYP004346409
Mailing Street 1: 4 IRVING PLACE 15 FLOOR
District Name: CON EDISON
Mailing Street 2:
Business Phone No: 2124603770
Mailing City: NEW YORK
Contact Name: TOM TEELING
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS

Mailing Country: USA

Manifest Information

Waste Code(s):

B002: (Wastes containing polychlorinated biphenyls (PCBs)) Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers, and cable.
D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2013: 1023 Kilograms

Site: ***NYCDEP***
S 1ST ST BROOKLYN NY

GEN MANIFEST

RCRA ID: NYP003661253
Mailing Street 1: 59-17 JUNCTION BLVD
District Name: NYCDEP
Mailing Street 2:
Business Phone No: N/S
Mailing City: CORONA
Contact Name: N/S
Mailing State: NY
Location Zip Extension:
Mailing Zip: 11368
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2001: 100 Pounds

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2001: 300 Pounds

Site: ***CON ED***
SWC GRAND STBERRY ST BROOKLYN NY 11249

GEN MANIFEST

RCRA ID: NYP004672440
Mailing Street 1: 4 IRVING PLACE
District Name: CON ED
Mailing Street 2:
Business Phone No: 2124603770
Mailing City: NEW YORK
Contact Name: TOM TEELING
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS

Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 2500 Gallons

Site: ***CONSOLIDATED EDISON***
V4146-N135TH ST & KENT AVE BROOKLYN NY

GEN MANIFEST

RCRA ID: NYP004127684
Mailing Street 1: 4 IRIVING PL RM 828
District Name: CONSOLIDATED EDISON
Mailing Street 2:
Business Phone No: 2124603770
Mailing City: NEW YORK
Contact Name: Franklin Murray
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

B007: (Wastes containing polychlorinated biphenyls (PCBs)) Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

Waste Amounts By Year:

2004: 800 Kilograms

Waste Code(s):

B002: (Wastes containing polychlorinated biphenyls (PCBs)) Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers, and cable.

Waste Amounts By Year:

2004: 214 Kilograms
2005: 1464 Kilograms

Site: ***CON EDISON***
W SIDE WYTHE NO 11TH ST MH 73381 BROOKLYN NY 11211

GEN MANIFEST

RCRA ID: NYP004682225
Mailing Street 1: 4 IRVING PL 15TH FL
District Name: CON EDISON
Mailing Street 2:
Business Phone No: 2124603770
Mailing City: NEW YORK
Contact Name: CON EDISON
Mailing State: NY
Location Zip Extension:
Mailing Zip: 10003
Location Country: USA
Mailing Zip Extension:

Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D008: LEAD (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2014: 200 Gallons

Site: ***FORMER CONCRETE TESTING LAB***
KENT AVE NUE BROOKLYN NY

GEN MANIFEST

RCRA ID: NYP003664463
Mailing Street 1: 96-05 HORACE HARDING EXPRESSWAY
District Name: FORMER CONCRETE TESTING LAB
Mailing Street 2:
Business Phone No:
Mailing City: CORONA
Contact Name: NYC DEPT. OF ENVIRONMENTAL PROTECTION
Mailing State: NY
Location Zip Extension:
Mailing Zip: 11101
Location Country: USA
Mailing Zip Extension:
Location County: KINGS
Mailing Country: USA

Manifest Information

Waste Code(s):

D001: IGNITABLE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2009: 150 Pounds

Waste Code(s):

D002: CORROSIVE WASTE (Waste Code Description from EPA Hazardous Waste Identification)

Waste Amounts By Year:

2009: 10 Pounds; 10 Pounds; 10 Pounds

Site:
GRAND STREET BROOKLYN NY

HMIRS

Incident County: KINGS

HMIR Incident Reports

Report No:	I-2008030120	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	02/05/2008	***Report Submit Src:***	Paper
Time of Incident:	1500	***Inc Multiple Rows:***	No
Haz Class Code:	3	***Inc Non US State:***	
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID	***Mode Transport:***	Highway
Commodity Short Nm:	PAINT INCLUDING PAINT L	***Transport Phase:***	LOADING
Commodity Long Nm:	PAINT INCLUDING PAINT LACQUER ENAMEL STAIN SHELLAC SOLUTIONS	***Incident Occrrnce:***	

Trade Name:	VARNISH POLISH LIQUID FILLER AND LIQUID LACQUER BASE
ID No:	UN1263
Haz Waste Ind:	No
Haz Waste EPA No:	
HMIS Tox Inhalation?:	No
TIH Hazard Zone:	
Qty Released:	1
Unit of Measure:	LGA
What Failed:	104
What Failed Desc:	Body
How Failed Code:	309
How Failed Desc:	Punctured
Failure Cause Code:	513
Failure Cause Desc:	Forklift Accident
Ident. Markings:	
Cont1 Pkging Type:	Jerrican
Cont1 Const Mat:	Plastic
Cont1 Head Type:	Removable
Cont1 Pkg Capacity:	5
C1 Capacity UOM:	LGA
Cont1 Pkg Amt:	5
C1 Pkg Amt UOM:	LGA
Cont1 Pkg No:	19
C1 Pkg NO Failed:	2
Cont1 Pkg Mnfctr:	
Cont1 Pkg Mnfct Dt:	
Cont1 Pkg Serial NO:	
C1 Pkg Last Test Dt:	
C1 Test Const Mat:	
C1 Pkg Dsign Pres.:	
C1 Dsign Press UOM:	
C1 Pkg Shell Thick:	
C1 Shell Thick UOM:	
C1 Head Thickness:	
C1 Head Thick UOM:	
C1 Pkg Srvc Pres.:	
C1 Srvc Press UOM:	
C1 Valve/Device Fail?:	No
C1 Device Type:	
C1 Device Mnfctr:	
C1 Device Model:	
NRC No:	

Mat Ship Approval?:	No
Mat Ship Approv No:	
Undecl Hazmat Ship?:	No
Packaging Type:	Non-Bulk
Packing Group:	II
Carrier Reporter:	ROADWAY EXPRESS INC.
CR Street Name:	557 E TALLMADGE AVE
CR City:	AKRON
CR State:	OH
CR Postal Code:	44310-2402
CR Non US State:	
CR Fed DOT ID:	71821
CR Hazmat Reg ID:	050106550017OQ
CR Country:	US
Shipper Name:	WALTER WURDACK INC.
Shipper Street Name:	4977 FYLER AVE
Shipper City:	SAINT LOUIS
Shipper State:	MO
Shipper Postal:	63139-1111
Shipper Non US St:	
Shipper Country:	US
Shipper Waybill:	3414109362
Ship Hazmat Reg ID:	
Origin City:	UNKNOWN
Origin State:	ARMED FORCES - AMERICAS
Origin Postal:	UNKNOWN
Origin Non US St:	
Origin Country:	US
Destination City:	LONG ISLAND CITY
Destination State:	NEW YORK
Destination Postal:	11105
Destination Non US:	
Destination Country:	US
Cont2 Package Type:	
Cont2 Const Mat:	
Cont2 Pkg Capacity:	
Cont2 Capacity UOM:	
Cont2 Pkg Amount:	
Cont2 Pkg Amt UOM:	
Cont2 Pkg No:	
Cont2 Pkg No Failed:	

RAM Pkg Category:	
RAM Pkg Cert.:	FALSE
RAM Pkg Cert. NBR:	
RAM Nuclide S:	
RAM Transport Index:	
RAM UOM:	
RAM Activity Rpted:	
RAM UOM Rpted:	
RAM Activity:	0
RAM Activity UOM:	
RAM Mat Safety:	
Spillage Result:	Yes
Fire Result:	No
Explosion Result:	No
Water Sewer Result:	No
Gas Dispersion:	No
Environment Damage:	No
No Release Result:	No
Fire EMS Report:	No
Fire EMS EMS Report:	
Police Report:	No
Police Report No:	
In House Cleanup:	Yes
Other Cleanup:	No
Damage > 500:	No
Material Loss:	0

Haz NonHosp Public:	0
Haz NonHosp Old:	0
Tot Haz Non Hosp Inj:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evac:	0
Total Evacuated:	0
Total Evacuation Hrs:	0
Major Artery Closed:	No
Mjr Artery Hrs Closed:	0
Material Involved:	No
Estimated Speed:	0
Weather Conditions:	
Vehicle Overturn:	No
Vehicle Left Roadway:	No
Passenger Aircraft:	No
Cargo Baggage:	
Ship Non Transport:	No
Ship Air First Flight:	No
Ship Air Subflight:	No
Ship Init Transport:	No
Ship Phase Transfer:	No
Contact Name:	MICHAEL N WINDSOR
Contact Title:	MANAGER - HAZARDOUS MATERIALS
Contact Business:	YELLOW TRANSPORTATION

Carrier Damage:	0	***Contact Street:***	10990 ROE AVENUE
Property Damage:	0	***Contact City:***	OVERLAND PARK
Response Cost:	0	***Contact State:***	KS
Remediation Cost:	0	***Contact Postal:***	66211
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	0	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	Carrier
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	No
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	***HMIS Container Code:***	PAIL PLS
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Plastic pail open head capacity 10 gallons or less
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	No
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: WHILE LOADING PAILS WERE PUNCTURED BY A FORKLIFT BLADE. AFFECTED MATERIAL PLACED IN A SALVAGE DRUM PENDING DISPOSITON FROM THE SHIPPER. THE REMAINDER OF THE SHIPMENT FORWARDED TO THE CONSIGNEE.

Recommend Actions Taken: DOCK TRAINING ON FORKLIFT PROCEDURES.

Site:

GRAND STREET BROOKLYN NY HMIRS

Incident County: KINGS

HMIR Incident Reports

Report No:	I-2006120727	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	11/06/2006	***Report Submit Src:***	Paper
Time of Incident:	0800	***Inc Multiple Rows:***	No
Haz Class Code:	3	***Inc Non US State:***	
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID	***Mode Transport:***	Highway
Commodity Short Nm:	PAINT INCLUDING PAINT L	***Transport Phase:***	UNLOADING
Commodity Long Nm:	PAINT INCLUDING PAINT LACQUER ENAMEL STAIN SHELLAC SOLUTIONS VARNISH POLISH LIQUID FILLER AND LIQUID LACQUER BASE	***Incident Occrrnce:***	
Trade Name:		***Mat Ship Approval?:***	No
ID No:	UN1263	***Mat Ship Approv No:***	
Haz Waste Ind:	No	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Non-Bulk
HMIS Tox Inhalation?:	No	***Packing Group:***	II
TIH Hazard Zone:		***Carrier Reporter:***	ROADWAY EXPRESS INC.
Qty Released:	0.75	***CR Street Name:***	557 E TALLMADGE AVE
Unit of Measure:	LGA	***CR City:***	AKRON
What Failed:	104	***CR State:***	OH
What Failed Desc:	Body	***CR Postal Code:***	44310-2402
How Failed Code:	309	***CR Non US State:***	
How Failed Desc:	Punctured	***CR Fed DOT ID:***	71821
Failure Cause Code:	513	***CR Hazmat Reg ID:***	050106550017OQ
Failure Cause Desc:	Forklift Accident	***CR Country:***	US
Ident. Markings:		***Shipper Name:***	CREATIVE COATINGS CO. INC.
Cont1 Pkging Type:	Box	***Shipper Street Name:***	24650 MOUND RD
Cont1 Const Mat:	Fiberboard	***Shipper City:***	WARREN
Cont1 Head Type:		***Shipper State:***	MI
Cont1 Pkg Capacity:	4	***Shipper Postal:***	48091-2036
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:	4	***Shipper Country:***	US
C1 Pkg Amt UOM:	LGA	***Shipper Waybill:***	2613691951
Cont1 Pkg No:	4	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	WARREN

Cont1 Pkg Mnfctr:		***Origin State:***	MICHIGAN
Cont1 Pkg Mnfct Dt:		***Origin Postal:***	48091
Cont1 Pkg Serial NO:		***Origin Non US St:***	
C1 Pkg Last Test Dt:		***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	NEW YORK
C1 Pkg Dsign Pres.:		***Destination State:***	NEW YORK
C1 Dsign Press UOM:		***Destination Postal:***	10014
C1 Pkg Shell Thick:		***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:		***Cont2 Package Type:***	Can
C1 Head Thick UOM:		***Cont2 Const Mat:***	Metal (any type)
C1 Pkg Srvc Pres.:		***Cont2 Pkg Capacity:***	1
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	LGA
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	1
C1 Device Type:		***Cont2 Pkg Amt UOM:***	LGA
C1 Device Mnfctr:		***Cont2 Pkg No:***	16
C1 Device Model:		***Cont2 Pkg No Failed:***	1
NRC No:			

RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	0
RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	0
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:		***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:	0	***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	0
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	Yes	***Contact Name:***	MICHAEL N. WINDSOR
Damage > 500:	No	***Contact Title:***	MANAGER-HAZARDOUS MATERIALS
Material Loss:	0	***Contact Business:***	ROADWAY EXPRESS
Carrier Damage:	0	***Contact Street:***	1077 GORGE BOULEVARD
Property Damage:	0	***Contact City:***	AKRON
Response Cost:	0	***Contact State:***	OH
Remediation Cost:	0	***Contact Postal:***	44309
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	0	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	Carrier
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	No
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	***HMIS Container Code:***	BOX FBR
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Fiberboard box or carton
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	No
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: WHILE UNLOADING THE FORKLIFT OPERATOR PIERCED CARTON AND PUNCTURED CAN. AFFECTED MATERIAL PLACED IN AN OVERPACK PENDING DISPOSITION FROM THE SHIPPER. THE REMAINDER OF THE SHIPMENT WAS FORWARDED TO THE CONSIGNEE.

Recommend Actions Taken: FORKLIFT TRAINING.

Site:

GRAND STREET BROOKLYN NY

HMIRS

Incident County: KINGS

HMIR Incident Reports

Report No:	I-2006120686	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	11/08/2006	***Report Submit Src:***	Paper
Time of Incident:	1530	***Inc Multiple Rows:***	No
Haz Class Code:	3	***Inc Non US State:***	
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID	***Mode Transport:***	Highway
Commodity Short Nm:	PAINT INCLUDING PAINT L	***Transport Phase:***	LOADING
Commodity Long Nm:	PAINT INCLUDING PAINT LACQUER ENAMEL STAIN SHELLAC SOLUTIONS VARNISH POLISH LIQUID FILLER AND LIQUID LACQUER BASE	***Incident Occrrnce:***	
Trade Name:		***Mat Ship Approval?:***	No
ID No:	UN1263	***Mat Ship Approv No:***	
Haz Waste Ind:	No	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Non-Bulk
HMIS Tox Inhalation?:	No	***Packing Group:***	II
TIH Hazard Zone:		***Carrier Reporter:***	ROADWAY EXPRESS INC.
Qty Released:	0.50	***CR Street Name:***	557 E TALLMADGE AVE
Unit of Measure:	LGA	***CR City:***	AKRON
What Failed:	104	***CR State:***	OH
What Failed Desc:	Body	***CR Postal Code:***	44310-2402
How Failed Code:	309	***CR Non US State:***	
How Failed Desc:	Punctured	***CR Fed DOT ID:***	71821
Failure Cause Code:	513	***CR Hazmat Reg ID:***	050106550017OQ
Failure Cause Desc:	Forklift Accident	***CR Country:***	US
Ident. Markings:		***Shipper Name:***	CREATIVE COATINGS CO. INC.
Cont1 Pkging Type:	Box	***Shipper Street Name:***	24650 MOUND RD
Cont1 Const Mat:	Fiberboard	***Shipper City:***	WARREN
Cont1 Head Type:		***Shipper State:***	MI
Cont1 Pkg Capacity:	0	***Shipper Postal:***	48091-2036
C1 Capacity UOM:		***Shipper Non US St:***	
Cont1 Pkg Amt:	0	***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	2613691951
Cont1 Pkg No:	16	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	WARREN
Cont1 Pkg Mnfctr:		***Origin State:***	MICHIGAN
Cont1 Pkg Mnfct Dt:		***Origin Postal:***	48091
Cont1 Pkg Serial NO:		***Origin Non US St:***	
C1 Pkg Last Test Dt:		***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	NEW YORK
C1 Pkg Dsign Pres.:		***Destination State:***	NEW YORK
C1 Dsign Press UOM:		***Destination Postal:***	10014
C1 Pkg Shell Thick:		***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:		***Cont2 Package Type:***	Can
C1 Head Thick UOM:		***Cont2 Const Mat:***	Metal (any type)
C1 Pkg Srvc Pres.:		***Cont2 Pkg Capacity:***	4
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	LGA
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	4
C1 Device Type:		***Cont2 Pkg Amt UOM:***	LGA
C1 Device Mnfctr:		***Cont2 Pkg No:***	4
C1 Device Model:		***Cont2 Pkg No Failed:***	1
NRC No:			

RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	0
RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	0
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:		***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0

RAM Activity:	0	***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	0
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	Yes	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	MICHAEL N. WINDSOR
Damage > 500:	No	***Contact Title:***	MANAGER-HAZARDOUS MATERIALS
Material Loss:	0	***Contact Business:***	ROADWAY EXPRESS
Carrier Damage:	0	***Contact Street:***	1077 GORGE BOULEVARD
Property Damage:	0	***Contact City:***	AKRON
Response Cost:	0	***Contact State:***	OH
Remediation Cost:	0	***Contact Postal:***	44309
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	0	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	Carrier
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	No
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	***HMIS Container Code:***	BOX FBR
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Fiberboard box or carton
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	No
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: WHILE LOADING CAN WAS PUNCTURED AND LEAKING. AFFECTED MATERIAL PLACED IN AN OVERPACK PENDING DISPOSITION FROM THE SHIPPER. THE REMAINDER OF THE SHIPMENT WAS FORWARDED TO THE CONSIGNEE.

Recommend Actions Taken: REINFORCED PROPER FREIGHT HANDLING TECHNIQUES WITH DOCK PROFESSIONALS.

Site:

KENT AVENUE BROOKLYN NY HMIRS

Incident County: KINGS

HMIR Incident Reports

Report No:	I-2002040829	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	11/16/2001	***Report Submit Src:***	Paper
Time of Incident:	0726	***Inc Multiple Rows:***	No
Haz Class Code:	3	***Inc Non US State:***	
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID	***Mode Transport:***	Highway
Commodity Short Nm:	PRINTING INK FLAMMABLE	***Transport Phase:***	UNLOADING
Commodity Long Nm:	PRINTING INK FLAMMABLE OR PRINTING INK RELATED MATERIAL (INCLUDING PRINTING INK THINNING OR REDUCING COMPOUND) FLAMMABLE	***Incident Occrrnce:***	
Trade Name:		***Mat Ship Approval?:***	No
ID No:	UN1210	***Mat Ship Approv No:***	
Haz Waste Ind:	No	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Non-Bulk
HMIS Tox Inhalation?:	No	***Packing Group:***	
TIH Hazard Zone:		***Carrier Reporter:***	JEVIC
Qty Released:	5	***CR Street Name:***	600 CREEK RD

Unit of Measure:	LGA	***CR City:***	DELANCO
What Failed:	161	***CR State:***	NJ
What Failed Desc:	Weld or Seam	***CR Postal Code:***	08075-5210
How Failed Code:	304	***CR Non US State:***	
How Failed Desc:	Cracked	***CR Fed DOT ID:***	243018
Failure Cause Code:	506	***CR Hazmat Reg ID:***	
Failure Cause Desc:	Corrosion - Exterior	***CR Country:***	US
Ident. Markings:		***Shipper Name:***	APOLLO CHEMICAL CORP
Cont1 Pkging Type:		***Shipper Street Name:***	74 DILLABUR AVE
Cont1 Const Mat:		***Shipper City:***	NORTH KINGSTOWN
Cont1 Head Type:		***Shipper State:***	RI
Cont1 Pkg Capacity:	55	***Shipper Postal:***	02852-7512
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:		***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	01034401
Cont1 Pkg No:	5	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	NORTH KINGSTOWN
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	***Origin State:***	RHODE ISLAND
Cont1 Pkg Mnfct Dt:		***Origin Postal:***	02852
Cont1 Pkg Serial NO:		***Origin Non US St:***	
C1 Pkg Last Test Dt:		***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	BROOKLYN
C1 Pkg Dsign Pres.:		***Destination State:***	NEW YORK
C1 Dsign Press UOM:		***Destination Postal:***	11230
C1 Pkg Shell Thick:		***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:		***Cont2 Package Type:***	
C1 Head Thick UOM:		***Cont2 Const Mat:***	
C1 Pkg Srvc Pres.:		***Cont2 Pkg Capacity:***	
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	
C1 Device Type:		***Cont2 Pkg Amt UOM:***	
C1 Device Mnfctr:		***Cont2 Pkg No:***	
C1 Device Model:		***Cont2 Pkg No Failed:***	
NRC No:			

RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	0
RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	0
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:		***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:		***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	0
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	THOMAS PACIGA
Damage > 500:	No	***Contact Title:***	HAZMAT MANAGER
Material Loss:	50	***Contact Business:***	
Carrier Damage:	0	***Contact Street:***	
Property Damage:	0	***Contact City:***	
Response Cost:	0	***Contact State:***	
Remediation Cost:	0	***Contact Postal:***	
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	50	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No

Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	No
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	***HMIS Container Code:***	1A2
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Removable head steel drum
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	No
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: THE CARRIER DRIVER FOUND A DRUM LEAKING WHITE PRODUCT. HE UTILIZED PADS AND BOOMS FROM HIS SPILL KIT TO SECURE THE SPILL AND USED OIL DRY TO SOAK UP THE SPILLED PRODUCT. THE DRIVER ALSO SECURED THE DRUM FOR RETURN TO THE CARRIER'S FACILITY. THE OVERPACKED DRUM WAS RETURNED TO THE SHIPPER WITHOUT FURTHER INCIDENT.

Recommend Actions Taken:

Site:

KENT AV. BROOKLYN NY HMIRS

Incident County: KINGS

HMIR Incident Reports

Report No:	I-2000110014	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	07/20/2000	***Report Submit Src:***	Paper
Time of Incident:	1300	***Inc Multiple Rows:***	No
Haz Class Code:	8	***Inc Non US State:***	
Hazardous Class:	CORROSIVE MATERIAL	***Mode Transport:***	Highway
Commodity Short Nm:	CORROSIVE LIQUID BASIC	***Transport Phase:***	IN TRANSIT
Commodity Long Nm:	CORROSIVE LIQUID BASIC INORGANIC N.O.S.	***Incident Occrrnce:***	
Trade Name:		***Mat Ship Approval?:***	No
ID No:	UN3266	***Mat Ship Approv No:***	
Haz Waste Ind:	No	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Non-Bulk
HMIS Tox Inhalation?:	No	***Packing Group:***	
TIH Hazard Zone:		***Carrier Reporter:***	JEVIC
Qty Released:	5	***CR Street Name:***	600 CREEK RD
Unit of Measure:	LGA	***CR City:***	DELANCO
What Failed:	103	***CR State:***	NJ
What Failed Desc:	Basic Material	***CR Postal Code:***	08075-5210
How Failed Code:	309	***CR Non US State:***	
How Failed Desc:	Punctured	***CR Fed DOT ID:***	243018
Failure Cause Code:	516	***CR Hazmat Reg ID:***	
Failure Cause Desc:	Impact with Sharp or Protruding Object (e.g. nails)	***CR Country:***	US
Ident. Markings:		***Shipper Name:***	NALCO COMPANY LLC
Cont1 Pkging Type:		***Shipper Street Name:***	1 NALCO CTR
Cont1 Const Mat:		***Shipper City:***	NAPERVILLE
Cont1 Head Type:		***Shipper State:***	IL
Cont1 Pkg Capacity:	5	***Shipper Postal:***	60563-1198
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:		***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	06541929
Cont1 Pkg No:	1	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	HAVERHILL
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	***Origin State:***	MASSACHUSETTS
Cont1 Pkg Mnfct Dt:		***Origin Postal:***	
Cont1 Pkg Serial NO:		***Origin Non US St:***	
C1 Pkg Last Test Dt:		***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	MELVILLE
C1 Pkg Dsign Pres.:		***Destination State:***	NEW YORK
C1 Dsign Press UOM:		***Destination Postal:***	
C1 Pkg Shell Thick:		***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:		***Cont2 Package Type:***	

C1 Head Thick UOM:		***Cont2 Const Mat:***	
C1 Pkg Srvc Pres.:		***Cont2 Pkg Capacity:***	
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	
C1 Device Type:		***Cont2 Pkg Amt UOM:***	
C1 Device Mnfctr:		***Cont2 Pkg No:***	
C1 Device Model:		***Cont2 Pkg No Failed:***	
NRC No:			
RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	0
RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	0
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:		***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:		***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	0
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	THOMAS PACIGA
Damage > 500:	No	***Contact Title:***	HAZMAT MANAGER
Material Loss:	50	***Contact Business:***	
Carrier Damage:	0	***Contact Street:***	
Property Damage:	0	***Contact City:***	
Response Cost:	0	***Contact State:***	
Remediation Cost:	0	***Contact Postal:***	
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	50	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	No
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	***HMIS Container Code:***	1H1
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Non-removable head plastic drum
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	No
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: DRIVER WAS AT AN INTERMEDIATE STOP MAKING A DELIVERY WHEN HE FOUND THAT A PAIL OF H/M HAD LEAKED ONTO THE TRAILER FLOOR. THE PAIL AND ANOTHER OF NON-REGULATED MATERIAL WERE LOADED ON THE LEFT SIDE TAIL END OF THE TRAILER. STRAPS WERE PLACED THROUGH THE HANDLES AND THE PAILS WERE SURROUNDED BY 2X2'S AND CHOCKED IN. SEVERAL NAILS THAT SECURED THE CHOCKS WERE NOT HAMMERED IN ALL THE WAY. DURING TRANSIT THE PAILS BOUNCED ONTO THE NAIL HEADS CAUSING THEM TO PUNCTURE AND TO LEAK. THE COMPANY AT THE LOCATION OF THE INCIDENT HAS ITS OWN IN-HOUSE HAZARDOUS MATERIALS TEAM WHO ASSISTED THE DRIVER. THEY ACCEPTED THE HIS CLEANUP MATERIALS FOR DISPOSAL. BOTH THE DAMAGED PAILS WERE SECURED TO A PALLET AND TAKEN TO THE CARRIER'S NEARBY FACILITY TO BE HELD FOR THE SHIPPER'S INSTRUCTIONS.

Recommend Actions Taken:

Site: ***Berry Street Housing Project***
South 10th Street Brooklyn 11211 NY

HSWDS

Reg Site ID:	N	***VOCs:***	Yes
Site No:		***Semi VOCs:***	No
EPA ID:		***PCBs:***	No
Is Site Active?:	No	***Pesticides:***	No
Registry:	N	***Metals:***	No
Years of Operation:	1954 to U	***Asbestos:***	No
RCRA:	No	***County:***	Kings
HRS Score:		***Region:***	2
HRS Date:		***Latitude:***	40 42 30 N
Acres:	3.00	***Longitude:***	73 57 57 W
Site Code:	1B	***Quadrangle:***	Brooklyn

Site Code Desc:	leaking tanks, drums, lagoons, other containers
Owner:	M
Owner Name:	City of New York
Owner Address:	U
Owner Telephone:	U
Operator:	M
Operator Name:	New York City Housing Authorit
Operator Address:	250 Broadway New York, NY 10007
Operator Telephone:	(212)306-3000
Completed Investigation:	Phase 2
Samples Collected:	Subsurface Soil
Threat to Env/Public Health?:	E
Surface Water Contamination?:	No
Groundwater Contamination?:	Unknown
Drinking Water Contam?:	No
Surface Water Class:	SC
Groundwater Class:	SoleSource
Active Drinking Water Supply?:	Yes
Hazard Substance Exposed?:	No
Controlled Site Access?:	No
Ambient Air Contamination?:	U
Threat of Direct Contact?:	No
Doc Fish/Wildlife Mortality?:	No
Impact on Special Status?:	No
TCLP:	
Surface Water:	1000 ft; west
Groundwater:	15 ft; flows west
Drinking Water:	5 miles; east
Fish or Wildlife Mortality:	
Fish or Wildlife Resource:	
Building:	0 feet; adjacent residential area
Hazard Substance Disposed:	xylene (CAS #1330-20-7) ethylbenzene (CAS #100-41-4)
Air:	
Surface Water:	
Surface Soil:	
Waste:	
EP Toxicity:	
Groundwater:	
Sediment:	
Subsurface Soil:	Xylene 120 ppm, ethylbenzene 40 ppm
Leachate:	
Regulatory Agencies Involved:	NYSDEC, NYSDOH, NYCDOH
Preparer:	David K. Harrington(pmb) Env. Engineer 1 NYSDEC August 4, 1994
Nominated by:	
Describe the Site:	In 1989, this site was a vacant lot awaiting construction of low income housing by the New York City Housing Authority(NYCHA). The lot was previously occupied by various apartment houses and light industry such as assembly and fabrication, scrap metal storage, and auto maintenance. According to Brooklyn Buildings Department records, a cleaning fluid mixing and storage facility(Lightning Cleaner Company) utilized a 2500 gallon underground storage tank to store Solvasol #5, a xylene based solvent. The NYCHA attempted to excavate the tank in 1989, but could not locate it. However, during excavation, soil contaminated with xylene and ethylbenzene was found, indicating that Solvasol #5 was either dumped or spilled on the ground in this location.
Describe the Threat:	

Leakage of a cleaning solvent from an underground storage tank has caused the surrounding soil to become contaminated with xylene and ethylbenzene
(the primary ingredients in Solvasol #5). The extent of contamination in the soil is unknown. It is also unknown whether the contaminants have leached to
the groundwater, which is located within a sole source aquifer.

Site: ***Berry Street Housing Project***
South 10th Street Brooklyn 11211 NY

HSWDS

Reg Site ID:	N	***VOCs:***	Yes
Site No:	HS2018	***Semi VOCs:***	No
EPA ID:	None	***PCBs:***	No
Is Site Active?:	No	***Pesticides:***	No
Registry:	N	***Metals:***	No
Years of Operation:	1954 to U	***Asbestos:***	No
RCRA:	No	***County:***	Kings
HRS Score:		***Region:***	2
HRS Date:		***Latitude:***	40 42 30 N
Acres:	3.00	***Longitude:***	73 57 57 W
Site Code:	1B	***Quadrangle:***	Brooklyn

Site Code Desc: leaking tanks, drums, lagoons, other containers
Owner: M
Owner Name: City of New York
Owner Address: U
Owner Telephone: U
Operator: M
Operator Name: New York City Housing Authorit
Operator Address: 250 Broadway
New York, NY 10007
Operator Telephone: (212)306-3000
Completed Investigation: Phase 2
Samples Collected: Subsurface Soil
Threat to Env/Public Health?: E
Surface Water Contamination?: No
Groundwater Contamination?: Unknown
Drinking Water Contam?: No
Surface Water Class: SC
Groundwater Class: SoleSource
Active Drinking Water Supply?: Yes
Hazard Substance Exposed?: No
Controlled Site Access?: No
Ambient Air Contamination?: U
Threat of Direct Contact?: No
Doc Fish/Wildlife Mortality?: No
Impact on Special Status?: No
TCLP:
Surface Water: 1000 ft; west
Groundwater: 15 ft; flows west
Drinking Water: 5 miles; east
Fish or Wildlife Mortality:
Fish or Wildlife Resource:
Building: 0 feet; adjacent residential area
Hazard Substance Disposed: xylene (CAS #1330-20-7)
ethylbenzene (CAS #100-41-4)
Air:
Surface Water:
Surface Soil:
Waste:
EP Toxicity:
Groundwater:
Sediment:
Subsurface Soil: Xylene 120 ppm, ethylbenzene 40 ppm
Leachate:
Regulatory Agencies Involved: NYSDEC, NYSDOH, NYCDOH
Preparer: David K. Harrington(pmb)
Env. Engineer 1
NYSDEC
August 4, 1994
Nominated by:

Describe the Site: In 1989, this site was a vacant lot awaiting construction of low income housing by the New York City Housing Authority(NYCHA). The lot was previously
occupied by various apartment houses and light industry such as assembly and fabrication, scrap metal storage, and auto maintenance. According to
Brooklyn Buildings Department records, a cleaning fluid mixing and storage facility(Lightning Cleaner Company) utilized a 2500 gallon underground storage tank to store Solvasol #5, a xylene based solvent. The NYCHA attempted to excavate the tank in 1989, but could not locate it. However, during excavation, soil contaminated with xylene and ethylbenzene was found, indicating that Solvasol #5 was either dumped or spilled on the ground in this location.

Describe the Threat:

Leakage of a cleaning solvent from an underground storage tank has caused the surrounding soil to become contaminated with xylene and ethylbenzene
(the primary ingredients in Solvasol #5). The extent of contamination in the soil is unknown. It is also unknown whether the contaminants have leached to
the groundwater, which is located within a sole source aquifer.

Site: ***Berry Street Housing Project***
South 10th Street Brooklyn 11211 NY HSWDS

Reg Site ID:	N	***VOCs:***	
Site No:	HS2018	***Semi VOCs:***	
EPA ID:	None	***PCBs:***	
Is Site Active?:		***Pesticides:***	
Registry:	N	***Metals:***	
Years of Operation:		***Asbestos:***	
RCRA:		***County:***	Kings
HRS Score:		***Region:***	2
HRS Date:		***Latitude:***	
Acres:		***Longitude:***	
Site Code:	1B	***Quadrangle:***	

Site Code Desc: leaking tanks, drums, lagoons, other containers
Owner: City of New York
Owner Name:
Owner Address:
Owner Telephone:
Operator: New York City Housing Authorit
Operator Name:
Operator Address:
Operator Telephone:
Completed Investigation:
Samples Collected:
Threat to Env/Public Health?:
Surface Water Contamination?:
Groundwater Contamination?:
Drinking Water Contam?:
Surface Water Class:
Groundwater Class:
Active Drinking Water Supply?:
Hazard Substance Exposed?:
Controlled Site Access?:
Ambient Air Contamination?:
Threat of Direct Contact?:
Doc Fish/Wildlife Mortality?:
Impact on Special Status?:
TCLP:
Surface Water:
Groundwater:
Drinking Water:
Fish or Wildlife Mortality:
Fish or Wildlife Resource:
Building:
Hazard Substance Disposed: xylene (CAS #1330-20-7)
ethylbenzene (CAS #100-41-4)
Air:
Surface Water:
Surface Soil:
Waste:
EP Toxicity:

Groundwater:
Sediment:
Subsurface Soil:
Leachate:
Regulatory Agencies Involved:
Preparer:
Nominated by:
Describe the Site: In 1989, this site was a vacant lot awaiting construction of low income housing by the New York City Housing Authority(NYCHA). The lot was previously occupied by various apartment houses and light industry such as assembly and fabrication, scrap metal storage, and auto maintenance. According to Brooklyn Buildings Department records, a cleaning fluid mixing and storage facility(Lightning Cleaner Company) utilized a 2500 gallon underground storage tank to store Solvasol#5, a xylene based soivent. The NYCHA attempted to excavate the tank in 1989, but could not locate it. However, during excavation, soil contaminated with xylene and ethylbenzene was found, indicating that Solvasol #5 was either dumped or spilled on the ground in this location.
Describe the Threat:

Leakage of a cleaning solvent from an underground storage tank has caused the surrounding soil to become contaminated with xylene and ethylbenzene (the primary ingredients in Solvasol #5). The extent of contamination in the soil is unknown. It is also unknown whether the contaminants have leached to the groundwater, which is located within a sole source aquifer.

Site: ***BUG, Peoples Works***
Kent Ave. Brooklyn 11211 NY HSWDS

Reg Site ID:	N	***VOCs:***	
Site No:	HS2016	***Semi VOCs:***	
EPA ID:	NYD980532105	***PCBs:***	
Is Site Active?:		***Pesticides:***	
Registry:	N	***Metals:***	
Years of Operation:		***Asbestos:***	
RCRA:		***County:***	Kings
HRS Score:		***Region:***	2
HRS Date:		***Latitude:***	
Acres:		***Longitude:***	
Site Code:	2A	***Quadrangle:***	
Site Code Desc:	Coal Gasification Plant		
Owner:	Formerly BUG Company		
Owner Name:			
Owner Address:			
Owner Telephone:			
Operator:	U		
Operator Name:			
Operator Address:			
Operator Telephone:			
Completed Investigation:			
Samples Collected:			
Threat to Env/Public Health?:			
Surface Water Contamination?:			
Groundwater Contamination?:			
Drinking Water Contam?:			
Surface Water Class:			
Groundwater Class:			
Active Drinking Water Supply?:			
Hazard Substance Exposed?:			
Controlled Site Access?:			
Ambient Air Contamination?:			
Threat of Direct Contact?:			
Doc Fish/Wildlife Mortality?:			
Impact on Special Status?:			
TCLP:			
Surface Water:			
Groundwater:			
Drinking Water:			
Fish or Wildlife Mortality:			
Fish or Wildlife Resource:			
Building:			
Hazard Substance Disposed:	Suspected hydrocarbon tars (benzene, pyridene, cresols, toluene, naphthalene, hydrogen sulfide, phenol)		
Air:			
Surface Water:			
Surface Soil:			

Waste:
EP Toxicity:
Groundwater:
Sediment:
Subsurface Soil:
Leachate:
Regulatory Agencies Involved:
Preparer:
Nominated by:
Describe the Site: A former coal-gasification plant was purchased by BUG Co. During the operations as a CG plant, a hydrocarbon tar was produced and stored on site until sold for use in roofing or road surfacing. The plant was decommissioned in 1895, all remaining tars were reportedly removed and the facility was razed. Ownership and use of the property since 1895 is unknown.
Describe the Threat:

The soil is possibly contaminated with trace amounts of hydrocarbon tar. (impact probably reduced due to time and excavation of soils) Leachate into groundwater is not a major concern because area groundwater is not a potable supply.

Site: ***K - Peoples Works***
Kent Ave. S. 10th St., S. 11th St. Brooklyn NY 11211

MGP

Site Code:	224053	***Project Manager:***	PRATT, GERALD
SWIS Code:	2401	***Region:***	2
Class:	A	***Town:***	New York City
Disp Start:		***County:***	Kings
Disp Term:		***Latitude:***	40.707966212
Acres:	0.9	***Longitude:***	-73.969042621

Details

Description:

Location: The Peoples Works Manufactured Gas Plant (MGP) site is located on three parcels and is comprised of 2 acres of land located between South 10th and South 11th Streets on the west side of Kent Avenue in Brooklyn, NY, Kings County. Site Features: The site is located along the Wallabout Channel, near the East River. The site slopes gently towards the river. The site is entirely covered by paved areas and buildings with concrete slab floors. The site is enclosed by lockable chain-link fencing and is monitored by security personel. Multi-unit residential housing (condominiums) are present north of the Site; Kent Avenue, multi-unit residential housing, and commercial properties are located east; commercial properties are located south; and the East River and Wallabout Channel are located west of the Site. Current Zoning/Uses: The site is zoned for commercial and industrial use. The current land use onsite is commercial. It is located in a mixed industrial, commercial, and residential area. Past Use of the Site: An 1887 Sanborn map shows a manufactured gas plant (MGP) known as the Peoples Gas Light Company operating on the site. By 1904 the MGP was no longer operating at the site. MGPs such as this converted coal and/or petroleum products to a flammable gas which was used in the surrounding community in much the same way that natural gas is used today. In 1999, LILCO and Brooklyn Union Gas merged to form KeySpan. National Grid acquired KeySpan in 2008 and currently maintains ownership of the site. Site Geology and Hydrogeology: Site is covered with up to 5 feet of fill. This material is typical urban fill, characterized by bricks and gravel. Below the fill materials are sands and silts. Near the river, a wedge of silts and clays was noted, underlain by a peat layer. This lithology reflects palustrine deposits along the East River channel, likely overlain by glacial sands and fill during development of the East River waterfront. Bedrock beneath the Site is the Ravenswood Formation gneiss, and is estimated to be approximately 100 feet bgs.

Assess ENV:

The primary contaminant of concern for the site is coal tar. Materials such as coal tar are commonly referred to as Non-Aqueous Phase Liquids (NAPL). Coal tar contains both volatile and semi-volatile organic compounds. Specific volatile organic compounds (VOCs) of concern are benzene, toluene, ethylbenzene and xylenes (BTEX). Specific semi-volatile organic compounds of concern are the polycyclic aromatic hydrocarbons (PAHs).

Assess DOH:

Since the site is fenced and covered by asphalt or concrete, people will not come into contact with site-related soil and groundwater contamination unless they dig below the surface. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion in the current building and any future on-site building development and occupancy.

Site: ***CON EDISON - VAULT VS6323***
DIVISION ST & WYTHE AVE INT BROOKLYN NY 11249

NY MANIFEST

RCRA ID:	NYP005053970	***Mailing Street 1:***	4 IRVING PL
District Name:	CON EDISON - VAULT VS6323	***Mailing Street 2:***	

Business Phone No:		***Mailing City:***	NEW YORK
Contact Name:	CON EDISON	***Mailing State:***	NY
Location Zip Ext:		***Mailing Zip:***	10003
Location County:	KINGS	***Mailing Zip Extension:***	
Location Country:	USA	***Mailing Country:***	USA

Site: ***BROOKLYN KINGS EXPRESSWAY AND METROPOLITAN AVE BROOKLYN NY***

NY SPILLS

Spill No:	0307923	***Spill Date:***	2003-10-28 04:49:00
Site ID:	241730	***Rcvd Date:***	2003-10-28 05:14:00
DER Facility ID:	198696	***CAC Date:***	
CID:	398	***Insp Date:***	
Program Type:	ER	***Close Date:***	2003-10-28 00:00:00
SWIS Code:	2401	***Create Date:***	2003-10-28 00:00:00
Contribute Factor:	Traffic Accident	***Update Date:***	2003-10-28 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial Vehicle	***Lead DEC:***	TJDEMEO
Class:	C4	***Reported by:***	Fire Department
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

mostly spilled onto highway. some entered sewer. fdny on scene doing clean up.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 10/28/03 TIPPLE UPDATING///FDNY NYPD ON SCENE//SANITATION SANDED AND SWEPT/ROADWAY REOPENED//NFA

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	PURELANES EARTH PRODUCTS	***Spiller Country:***	001
Spiller Address:		***Contact Name:***	FIREFIGHTER BENETATOS
Spiller City:		***Contact Phone:***	(917) 769-0483
Spiller State:	ZZ	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	874316	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	501446	***Med GW:***	False
Material Code:	0008	***Med SW:***	False
Material Name:	diesel	***Med DW:***	False
CAS No:		***Med Sewer:***	True
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	80.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

Site: ***FALSE ALARM LTD 168 N. 14TH ST/ 93-101 N. 13TH ST/ 29-43 WYTHE AVE BROOKLYN NY***

NY SPILLS

Spill No:	0809769	***Spill Date:***	2008-12-01 15:24:00
Site ID:	407262	***Rcvd Date:***	2008-12-01 15:23:00
DER Facility ID:	356507	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2008-12-04 00:00:00
SWIS Code:	2401	***Create Date:***	2008-12-01 15:28:00
Contribute Factor:	Other	***Update Date:***	2008-12-04 13:46:36.520000000

Water Body:		***DEC Region:***	2
Source:	Private Dwelling	***Lead DEC:***	jbvought
Class:	C4	***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

CALLER STATES THAT THERE WAS A TANK ABANDONMENT 03/19/2004. CALLER HAS TEST RESULTS INDICATING SOIL CONTAMINATION.

DEC Remark:

Sangesland spoke to Steve Saltzman. A tank was pulled at the site 4 years ago and the report from the consultant said the owner should call into the DEC for a spill number. The owner never read the report and didn't call in a spill. Now the building is being refinanced and the bank read the report and is now asking for a copy of a closure letter. Owner needs to submit the report they have and DEC will determine if additional work is required. 12/3/08-Vought-Left message for Ken Saltzman to return call to DEC with more info. Vought received callback from Steve Saltzman and tank was abandoned in 2004 (possibly fuel oil UST) and SVOCs detected in sample analyticals. Saltzman will return call to Vought with fax number. Consultant that performed work was Hydro Tech. As per Saltzman, CSL sent to: Mr. Jay Weitzman False Alarm Limited 816 Avenue I Brooklyn, NY 11230 Fax: (732) 382-2270 12/3/08-Vought-Received email copy of Hydro Tech report dated 4/8/04. Report entitled Tank Abandonment . Tank was a 3000-gallon #2 fuel oil UST located in the western interior portion of the onsite building. Tank was abandoned in place via inert foam. GPR survey performed and four soil probes were performed. Soil borings samples at 2 foot intervals down to groundwater at 13'bg. No visual or olfactory evidence of petroleum contamination. Four soil samples analyzed via 8260/8270 show no TAGM 4046 Required Soil Cleanup Objective exceedences other than PAH exceedences attributable to fill material. Vought called and left message for Saltzman to return call to DEC with future use of property including possible redevelopment and requirement of installation of vapor barrier and SSDS. 12/4/08-Vought-Received phone message from Steve Saltzman that property is not being sold but is rather being refinanced and as such property use and foundation will not change and hence vapor barrier and SSDS not required. Spill closed and NFA sent to above address.

Spiller Information

Spiller Name:	KEN SALTZMAN	***Spiller Zip:***	
Spiller Company:	FALSE ALARM LTD	***Spiller Country:***	999
Spiller Address:	168 NORTH 14TH ST	***Contact Name:***	STEVE SALTZMAN
Spiller City:	BROOKLYN	***Contact Phone:***	(347) 495-3594
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1163814	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	2155156	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:		***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	True		

Site: ***BROOKLYN QUEENS EXPWY AT METROPOLITAN AVE BROOKLYN NY***

NY SPILLS

Spill No:	9606041	***Spill Date:***	1996-08-09 13:00:00
Site ID:	183555	***Rcvd Date:***	1996-08-09 14:05:00
DER Facility ID:	153683	***CAC Date:***	
CID:	270	***Insp Date:***	
Program Type:	ER	***Close Date:***	1996-08-09 00:00:00
SWIS Code:	2401	***Create Date:***	1996-08-09 00:00:00
Contribute Factor:	Equipment Failure	***Update Date:***	1996-08-28 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial Vehicle	***Lead DEC:***	SMMARTIN
Class:	C4	***Reported by:***	Local Agency
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False

UST Trust: False
Caller Remark:

caller believes that the saddle tank ruptured

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT 2:15pm - FD ON SCENE, SANITATION SANDING OIL SPILL

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	UNKNOWN	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	FIRE DEPT
Spiller City:		***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1036854	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	348781	***Med GW:***	False
Material Code:	0008	***Med SW:***	False
Material Name:	diesel	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	30.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***METROPOLITAN AVENUE AT RIVER STREET BROOKLYN NY***

NY SPILLS

Spill No:	0301261	***Spill Date:***	2003-05-05 10:03:00
Site ID:	95846	***Rcvd Date:***	2003-05-05 11:03:00
DER Facility ID:	85709	***CAC Date:***	
CID:	204	***Insp Date:***	
Program Type:	ER	***Close Date:***	2005-05-23 00:00:00
SWIS Code:	2401	***Create Date:***	2003-05-05 00:00:00
Contribute Factor:	Equipment Failure	***Update Date:***	2005-05-23 13:53:13.467000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	JHOCONNE
Class:	C4	***Reported by:***	Responsible Party
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

VAULT 1433 FAILED - 8 PPM 11-10-99

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY Con Ed e2mis #148227: 5-5-03 10:55HRS K. DAVIS 16852 (NET) REPORTS, FOUND APPROX 100 GALLONS OF HEAVY OIL ON 1000 GAL OF WATER. AT THIS TIME OIL APPEARS TO BE CONTAINED AND ALSO APPEARS THAT NO SEWERS OR WATERWAYS WERE AFFECTED. OIL WAS DISCOVERED WHILE PUMPING ADJACENT V4048. NO FIRE OR SMOKE OR PRIVATE PROPERTY INVOLVED AND NO INJURIES WERE RELATED TO SPILL AND NO WEATHER CONDITIONS CONTRIBUTED TO HAZARD OF SPILL. SUMP PUMP IN VAULT, AND PUMP NOT RUNNING. FEEDER INVOLVED IS 6B44. ENV STOP TAG# 13474 WAS PLACED. THE STANDING WATER THAT IS PRESENT HAS NO MOVEMENT . THERE IS NO SEWER CONNECTION, AND A SUMP IS PRESENT. ONE LIQUID SAMPLE WILL BE TAKEN FROM STRUCTURE. HISTORICAL RECORDS INDICATE 8PPM 11/10/99. UNABLE TO PRESSURE TEST VAULT BECAUSE FEEDER IS STILL ALIVE AND THE AMOUNT OF WATER. THIS JOB WILL BE TREATED AS A 50-499, ENV OPS CREW WAS SENT TO LOCATION ALONG WITH A SPILL VAN. ALSO OVER 50 TANKER WAS ORDERED. EPA # NYP 004 110 672. 12:45HRS R. JAMES REPORTS, WHILE UNDER 50 TANKER WAS DRAINING V4048, THEY NOTICED LIQUID MOVEMENT IN V1433 THEREFORE WE WILL CONTINUE DRAINING THE STRUCTURE WITH THE TANKER ON LOCATION. CLEANUP OF TANKER AND DISPOSAL OF LIQUIDS WILL BE BASED ON OIL RESULTS THAT WERE TAKEN IN THE ADJACENT VAULTS. OIL WAS ALSO FOUND IN V2597 AND V1856.VAULT 4048

IS BEING DRAINED. THE LIQUID LEVEL IN ALL VAULTS IS GOING DOWN. THE ESTIMATED OIL IS CHANGED TO THE FOLLOWING, A TOTAL OF 65 GALLONS IN THE THREE VAULTS (V1856,V2597, V1433) Update - 5/5/03 1500hrs R. James Env. ops mgr reports dep inspector Eves St. Jean arrived on location 1300hrs. Was shown spill area and told of clean up plans. At 1430hrs <50 tanker pulled off location and will handle liquids removed as >50 a new > 50 tanker will be sent out. 15:10HRS K. DAVIS (NET) REPORTS, THE TAG FROM VAULT 4048 FROM OLD INCIDENT 147277 WILL BE REMOVED AND A NEW TAG WILL BE PLACED WITH THE SAME TAG# 29637 AS THE THREE VAULTS FROM THIS INCIDENT (V2597,V433,V1856) 5/6/03=0350HRS O.S. B.BROWN ENVIR OPPS REPORTS PARTIAL CLEANUPS OF ALL VAUILTS ARE DONE . NETWORKS TO REPLACE UNIT.ENVIR TAG#13474 REMAINS. Update on 5/6/03 by R.James: R. James called transportation at 1600 on 5/5/03 to inform the on duty Tanker supervisor that B/Q will be taking samples of the oil in the structures from which the <50 tanker drew oil. We will also take a sample from within any transformer that is found to be leaking. The transformer in vault 1856 was found to be leaking. Transportation informed R. James that the oil would not be discharged from the tanker until they the next day. They took their own oil samp0les from the tanker. All results from the structure and the transformer returned less than 50 PPM pcbs (see results above and below).R. James informed Transportation Supervisor J. Poje of the sample results at 0700 on 5/6/03 and e-mailed him those results. Lab Sequence Number: 03-03680-001 Date Approved: 5/05/2003 E2 Incident Number: 148227 Date Received: 5/05/2003 Chain of Custody ID: CC16729 Date Sampled: 5/05/2003
========== PCB Analysis by EPA 608/8082
========== MATRIX: OIL GRAB LOCATION: S/S METROPOLITAN AVE 30'E/O RIVER STRUCTURE: VAULT 1856 FEEDER ID: QC ID: 08-200304210228 TEST DESCRIPTION RESULT UNIT METHOD ---------- Aroclor 1242 < 1.0 ppm EPA 608/8082 Aroclor 1254 < 1.0 ppm EPA 608/8082 Aroclor 1248 < 1.0 ppm EPA 608/8082 Aroclor 1260 2.1 ppm EPA 608/8082 ---------- 2/18/04-1300HRS J.DELAROSA ENVIR OPPS REPORTS QUICK WASH WAS DONE IN V-1433. ENVIR TAG REMAINS PENDING REPLACEMENT OF UNIT 10/30/03=0340HRS GLODOWSKI ENVIR OPPS REPORTS TANKER REMOVED 5.000 GALLONS OF LIQUIDS FROM STRUCTURE. UPDATE: 30-OCT-2003 ROSADO E OPS REPORTS DOUBLE WASHED STRUCTURE AND MADE IT WORKABLE FOR NETWORKS LEFT TAG IN PLACE. PENDING REMOVAL OF UNIT. UPDATE @ 0950 HRS 12/03 G.PALADINO O.S BQE REPORTS ASBESTOS ABATMENT COMPLETED AS OF 10/30/032 IN VS1433. #12255 VDC. UPDATE: 2/18/04 - 1400 P. SELEDSTOV - B.Q.E., REPORTS TRANSFORMER REMOVED. TAG REMAINS. TJ - 50495 UPDATE: 2/25/04 - 2109 E. WILLIAMS - O.S. - ENV. OPS., REPORTS Mechanics A J. DeLarosa, and L. Mercado met with Astoria tankers which removed liquids; Vaults were connected by weep holes. Emergency crew came and capped exposed cable ends. Both Vaults #1433, and #4048 were cleaned and double washed; weep holes connecting structures were sealed with cement and stop tag #29637 was removed from VS-1433 Inc# 148227 completed 100%.

Spiller Information

Spiller Name:	RON ELLIOTT	***Spiller Zip:***	
Spiller Company:	CON ED	***Spiller Country:***	001
Spiller Address:	4 IRVING PLACE	***Contact Name:***	RON ELLIOTT
Spiller City:	MANHATTAN	***Contact Phone:***	(212) 580-6763
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	869288	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	509312	***Med GW:***	False
Material Code:	0020A	***Med SW:***	False
Material Name:	transformer oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	100.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***ROADWAY***
B2E EB BEFORE METROPOLITAN AVE BROOKLYN NY

NY SPILLS

Spill No:	1504790	***Spill Date:***	2015-08-04 04:40:00
Site ID:	511142	***Rcvd Date:***	2015-08-04 05:11:00
DER Facility ID:	465690	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2015-08-07 00:00:00
SWIS Code:	2401	***Create Date:***	2015-08-04 05:14:00
Contribute Factor:	Traffic Accident	***Update Date:***	2015-08-07 14:21:01.040000000
Water Body:		***DEC Region:***	2
Source:	Commercial Vehicle	***Lead DEC:***	HRAHMED
Class:		***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True

UST Trust: False
Caller Remark:

50 gallons spilled in roadway and the rest was off loaded. clean up underway.

DEC Remark:

8/7/15- Ahmed - 50 gal diesel spilled on concrete roadway due to an accident. cleanup was done by applying loose absorbent. NO soil, sewer impacted. no further action needed. Spill closed.

Spiller Information

Spiller Name:
Spiller Company: UNKNOWN
Spiller Address:
Spiller City:
Spiller State: NY
Latitude:
Longitude:
Spiller Zip:
Spiller Country: 999
Contact Name: MIKE LAZZARI
Contact Phone: 3472036886
Contact Ext:

Material Information

OP Unit ID: 1260404
OU: 01
Material ID: 2263781
Material Code: 0008
Material Name: diesel
CAS No:
Material Family: Petroleum
Quantity: 50.00
Units: G
Recovered:
Med Soil: False
Med Air: False
Med Ind Air: False
Med GW: False
Med SW: False
Med DW: False
Med Sewer: False
Med Surf: False
Med Subway: False
Med Utility: False
Oxygenate:

Site: ***NYC TRANSIT MANHOLE 1B***
DIV AVE 215 WEST OF KENT BROOKLYN NY

NY SPILLS

Spill No: 9906448
Site ID: 206925
DER Facility ID: 171754
CID: 282
Program Type: ER
SWIS Code: 2401
Contribute Factor: Unknown
Water Body:
Source: Unknown
Class: C3
Meets Std: False
Penalty: False
REM Phase: 0
UST Trust: False
Caller Remark:
Spill Date: 1999-08-30 19:45:00
Rcvd Date: 1999-08-30 20:28:00
CAC Date:
Insp Date:
Close Date: 1999-12-13 00:00:00
Create Date: 1999-08-30 00:00:00
Update Date: 2000-06-01 00:00:00
DEC Region: 2
Lead DEC: CAENGELH
Reported by: Affected Persons
Referred to:
County: Kings
After Hours: True

THEY HAVE A 300 GALLON SPILL IN THE MANHOLE UNKNOWN WHERE IT CAME FROM.SAMPLE TAKEN FOR PCB'S CON ED SPILL-127499

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT 9/17/99 - Saccacio - Called ConEd and they told me the spill was 3 gallons not 300 gallons. Con ed e2mis notes: 8/31: 10:31 spoke to Stan Piszczatowski, he is to call back with more info. 11/30: emailed ERT's for more info. con ed e2mis notes: approx 3 gallons of unknown oil on 300 gallons of water. test results: <1ppm Job incompleted added slicks to hole. Cleanup completed. Note: Liquid waste was removed by Astoria under 50 ppm tanker. Solid waste removed by Vactor. Structure double washed with slix. solid waste was dumped at 3rd ave waste water treatment facility. Liquid waste was dumped at astoria wwt facility.

Spiller Information

Spiller Name:
Spiller Company: UNKNOWN
Spiller Zip:
Spiller Country: 999

Spiller Address:		***Contact Name:***	BILL MURPHY
Spiller City:		***Contact Phone:***	(212) 580-6763
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1084882	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	302721	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	300.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***EAST RIVER -GRAND STREET***
EAST RIVER AT GRAND AVE BROOKLYN NY

NY SPILLS

Spill No:	9409786	***Spill Date:***	1994-10-21 11:50:00
Site ID:	153357	***Rcvd Date:***	1994-10-21 12:00:00
DER Facility ID:	130128	***CAC Date:***	1995-03-31 00:00:00
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	1995-03-31 00:00:00
SWIS Code:	2401	***Create Date:***	1994-12-01 00:00:00
Contribute Factor:	Unknown	***Update Date:***	1995-03-31 00:00:00
Water Body:	EAST RIVER	***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	KSTANG
Class:	C3	***Reported by:***	Citizen
Meets Std:	True	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

REFER TO SPDES AND DEP HAZMAT

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG 10/10/95: This is additional information about material spilled from the translation of the old spill file: LIME GREEN SUBSTANCE.

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	UNKNOWN	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	
Spiller City:		***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1003733	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	375665	***Med GW:***	False
Material Code:	0008	***Med SW:***	True
Material Name:	diesel	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	-1.00	***Med Subway:***	False
Units:		***Med Utility:***	False

Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

Site: ***EAST SIDE OF KENT AVE***
EAST SIDE OF KENT AVE BROOKLYN NY

NY SPILLS

Spill No:	9600357	***Spill Date:***	1996-04-08 17:00:00
Site ID:	193162	***Rcvd Date:***	1996-04-08 17:28:00
DER Facility ID:	161060	***CAC Date:***	
CID:	282	***Insp Date:***	
Program Type:	ER	***Close Date:***	2008-05-12 00:00:00
SWIS Code:	2401	***Create Date:***	1996-04-08 00:00:00
Contribute Factor:	Other	***Update Date:***	2008-05-12 09:20:46.237000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	JHOCONNE
Class:	C4	***Reported by:***	Affected Persons
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

4 G'S TRUCKING APPARENTLY ARE CLEANING THIER VEHICLE AND THE WASTE OIL COMING OFF THE TRUCKS IS LEAKING DOWN INTO THIER MNAHOLES. CROSS STREET IS SOUTH 6TH AND KENT AVE.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT AUSTIN - 2/2/04 - SEE ALSO 9600279

Spiller Information

Spiller Name:	N/A	***Spiller Zip:***	
Spiller Company:	4 G'S TRUCKING	***Spiller Country:***	001
Spiller Address:	EAST SIDE KENT AVE	***Contact Name:***	MR PARISI
Spiller City:	BROOKLYN	***Contact Phone:***	(718) 802-5193
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1031791	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	353755	***Med GW:***	False
Material Code:	0022	***Med SW:***	False
Material Name:	waste oil/used oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***HUMBOLT STREET AND***
GRAND STREET BROOKLYN NY

NY SPILLS

Spill No:	0203627	***Spill Date:***	2002-07-05 15:30:00
Site ID:	307648	***Rcvd Date:***	2002-07-05 17:00:00
DER Facility ID:	248451	***CAC Date:***	
CID:	282	***Insp Date:***	
Program Type:	ER	***Close Date:***	2002-11-04 00:00:00
SWIS Code:	2401	***Create Date:***	2002-07-05 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2002-11-04 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	AERODRIG
Class:	C4	***Reported by:***	Responsible Party
Meets Std:	False	***Referred to:***	

Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

THEY HAVE 1 PINTOF A UNKNOWN OIL SITTING ON TOP OF 400 GALLONS OF WATER. EARTH AND FLOOR IN THE VAULT NOT CONTAINED

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was /RODRIGUEZFOLEY Con Ed e2mis #143795: 04-JUL-2002 1945HRS W THORNGREN # 14916 BQ EQUIPTMENT GROUP SPLICER REPORTS FOUND 1 PINT UNKNOWN OIL ON 400 GALLONS WATER IN VS3410. NO FIRE OR SMOKE. NO INJURIES. NO PRIVATE PROPERTY AFFECTED. FOUND WHILE OPENING A SWITCH. SUSPECTS RAW SEWEGE IN STRUCTURE. THIS IS ON FEEDER 5B28. THIS UNIT PASSED A PRESSURE TEST AND THE HISTORICAL FOR UNIT IS 9 PPM. UNIT IN GROUND SINCE 1988.. NO SEWERS OR WATERWAYS AFFECTED. IT IS CONTAINED TO STRUCTURE. TOOK SAMPLE ON A 4 TO 6 HOUR PRIORITY TURNAROUND. CLEAN UP PENDING RESULTS. TAG # 29639 LEFT IN STRUCTURE. WATER STANDING STILL. NO VISUAL WATER MOVEMENT. NO SUBSTANTIAL CRACKS IN STRUCTURE WALLS. THIS WILL BE ON THE COMPANY 24 HOUR DIMINIMIS PROGRAM. CIG NATALE NOTIFIED @ 2043HRS UPDATE: 05-JUL-2002 1520HRS SAMPLE RETURNED LSN# 02-06216-001 7PPM UPDATE 7-5-02 1630 HRS ADEDAPO MECH A FLUSH DEPT REPORTS HE FOUND AND EARTHEN SUMP. HE WILL CLEAN AND CEMENT SUMP. THIS WILL BE TAKEN OFF THE 24 HRS DEMINIMIS PROGRAM. UPDATE 7-5-02 170 HRS ADADAPO MECH A FLUSH DEPT REPORTS CLEANUP IS COMPLETED. HE DOUBLE WASH STRUCTURE WITH BIO-JEN 760 AND REMOVED ALL LIQUIDS WITH HIS VACTOR. HE FOUND AND EARTHEN SUMP , HE CLEANED AND CEMENTED SUMP. HE REMOVED E.S.TAG.

Spiller Information

Spiller Name:	CALLER	***Spiller Zip:***	
Spiller Company:	CON ED	***Spiller Country:***	001
Spiller Address:	4 IRVING PL	***Contact Name:***	BILL CAPUNE
Spiller City:		***Contact Phone:***	
Spiller State:	ZZ	***Contact Ext:***	
Latitude:	40.714378994		
Longitude:	-73.930360000		

Material Information

OP Unit ID:	856543	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	521451	***Med GW:***	False
Material Code:	0064A	***Med SW:***	False
Material Name:	unknown material	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Other	***Med Surf:***	False
Quantity:	1.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***NEWTOWN CREEK***
GRAND ST BROOKLYN NY

NY SPILLS

Spill No:	1904004	***Spill Date:***	2019-07-19 08:05:00
Site ID:	591983	***Rcvd Date:***	2019-07-19 09:09:00
DER Facility ID:	542095	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	
SWIS Code:	2401	***Create Date:***	2019-07-19 09:11:00
Contribute Factor:	Unknown	***Update Date:***	2019-07-19 12:48:59.030000000
Water Body:	NEWTOWN CREEK	***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	RMPIPER
Class:		***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	1	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

sheen 300 ft on top of water

DEC Remark:

07/19/19-Hiralkumar Patel. DEC Piper responded.

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	UNKNOWN	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	PETTY OFC HERRERA
Spiller City:		***Contact Phone:***	(347) 582-8257
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1339593	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	2349189	***Med GW:***	False
Material Code:	0064A	***Med SW:***	True
Material Name:	unknown material	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Other	***Med Surf:***	False
Quantity:		***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

Site: ***GRAND STREET BRIDGE***
GRAND STREET BROOKLYN NY

NY SPILLS

Spill No:	9708510	***Spill Date:***	1997-10-21 09:00:00
Site ID:	307649	***Rcvd Date:***	1997-10-21 10:25:00
DER Facility ID:	248451	***CAC Date:***	
CID:	297	***Insp Date:***	
Program Type:	ER	***Close Date:***	1997-10-21 00:00:00
SWIS Code:	2401	***Create Date:***	1997-10-21 00:00:00
Contribute Factor:	Housekeeping	***Update Date:***	1997-10-22 00:00:00
Water Body:	ENGLISH CREEK	***DEC Region:***	2
Source:	Institutional, Educational, Gov., Other	***Lead DEC:***	SMMARTIN
Class:	C4	***Reported by:***	Federal Government
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

A CITIZEN CALLED STATEING THAT THE NYC TRANSIT AUTHORITY WAS STEAM CLEANING THE BRIDGE AND LETTING ALL THE OILS AND RUN OFF FALL INTO THE ENGLISH CREEK - CALLER BELIEVES THE LOCATION IS IN BROOKLYN BUT NOT CONFIRMED - REQUEST A CALL BACK

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT mmmm CALLED CG (TEAM OUT THERE - DIDN'T FIND ANYTHING). (DEP SAID THEY WERE GOING OUT TOO.)

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	NEW YORK CITY TRANSPORTAT	***Spiller Country:***	001
Spiller Address:	ION DEPT	***Contact Name:***	PETTY OFFICER GRUBB
Spiller City:		***Contact Phone:***	(718) 354-4137
Spiller State:	ZZ	***Contact Ext:***	
Latitude:	40.714378994		
Longitude:	-73.930360000		

Material Information

OP Unit ID:	1051694	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	330478	***Med GW:***	False
Material Code:	9999	***Med SW:***	True
Material Name:	other -	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Other	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

OP Unit ID:	1051694	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	330477	***Med GW:***	False
Material Code:	0012A	***Med SW:***	True
Material Name:	kerosene	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

Site: ***MANHOLE 64824***
WYTHE AVENUE BROOKLYN NY

NY SPILLS

Spill No:	9903609	***Spill Date:***	1999-06-29 10:35:00
Site ID:	61916	***Rcvd Date:***	1999-06-29 11:17:00
DER Facility ID:	60079	***CAC Date:***	
CID:	204	***Insp Date:***	
Program Type:	ER	***Close Date:***	2004-01-30 00:00:00
SWIS Code:	2401	***Create Date:***	1999-06-29 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2004-01-30 00:00:00
Water Body:		***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	JHOCONNE
Class:	C4	***Reported by:***	Local Agency
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

CON ED #125864 - SAMPLES WILL BE TAKEN - CLEANUP PENDING

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL e2mis no. 125864: Transmission Operations went to do a routine manhole inspection on manhole 64824, feeder 62 and found approx. 3000 gallons of water and 1 quart of oil. Chem lab has been notified. Cleanup pending lab results. Benzene .42 ppb X Removed/recovered liquid/solids. X Removed visible traces of oil. X Other; PUMPED OUT MANHOLE INTO CON ED TANKER Cleanup completed on 7/13/99

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	UNKNOWN	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	STEPHEN CRIBBEN
Spiller City:		***Contact Phone:***	(212) 580-6763
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.711700994		
Longitude:	-73.966319000		

Material Information

OP Unit ID:	1078200	***Med Air:***	False
OU:	01	***Med Ind Air:***	False

Material ID:	303523	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	1.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***VAULT #2720***
WHITE AVE/N OF N 3RD ST BROOKLYN NY

NY SPILLS

Spill No:	9807872	***Spill Date:***	1998-09-28 12:00:00
Site ID:	149025	***Rcvd Date:***	1998-09-28 12:38:00
DER Facility ID:	126791	***CAC Date:***	
CID:	312	***Insp Date:***	
Program Type:	ER	***Close Date:***	2002-12-30 00:00:00
SWIS Code:	2401	***Create Date:***	1998-09-28 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2002-12-30 00:00:00
Water Body:		***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	CAENGELH
Class:	C4	***Reported by:***	Affected Persons
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

1QT OF UNK OIL SPILLED IN VAULT. INVESTIGATING AS TO ORIGIN. OIL WAS FOUND ON TOP OF 100 GALLONS OF WATER. NO SEWERS OR WATERWAYS AFFECTED.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT DEC Notes: Found oil on 100gal of water. Contained. No sewers or waterways affected. Nothing else to report at this time. Investigating origin. Will advise when anymore is known. Con Ed e2mis #120090: 9/28/98-1205HRS-MCLOUGHLIN O.S.#9 REPORTS FOUND 1-QUART OF OIL ON 100 GALLONS OF WATER IN V2720. CONTAINED NO SEWERS OR WATERWAYS EFFECTED.SAMPLE LEFT IN STRUCTURE DUE TO NEW PROCEDURE, FOLLOW UP ,TAG# 19381 PLACED. 1530HRS--VITO VAVALLO I&A REPORTS FOUND ABSESTOS TERMINAL COVER IN TACT, UNDER LIQUID WILL SAME WITH ASBESTOS HANDLER. 9-28-98 1700HRS. REMOVED ASBESTOS COVER FROM HOLE - COMPLETE. PRESSURE TESTED TRANSFORMER. LOST 1-1/2LBS IN 30 MINUTES. FOUND AROUND HANDLE LEAKING AIR ONLY AT PACKING NUT. CANNOT FIND ANY OIL LEAK AT THIS TIME & NO SIGN OR SMELL OF TRANSFORMER OIL IN STRUCTURE. TOOK 2-SAMPLES OF WATER & OIL. 1-SAMPLE FOR OIL I.D.& 1-SAMPLE FOR PCB READING. MARKED SAMPLE FOR A 4-6 HOUR TURNAROUND -- PLACED IN 1QT.AMBER JARS & PACKED WITH ICE. UPDATE 29-SEP-1998 03:10 CHEM LAB RESULTS RECEIVED SEQUENCE #98-10194 <1PPM. UPDATE 29-SEP-1998 FLUSH CREW DISPATCHED AT 04:00 TO LOCATION FLUSH REPORTS UNABLE TO PREFORM CLEANUP DUE TO THE VAULT BEING ON SIDE WALK AND CARS PARKED AT CURB UNABLE TO REACH VAULT 04:45 JOB TO BE FOLLOWED UP IN THE A.M CHEM LAB RESULTS WAS FAXED TO FLUSH DEPT WILL CALL FLUSH & ADVISE THEM OF THIS JOB BEING OUT STANDING WILL REQUEST RESPONCE AT ONCE SO WORK CAN BE STARTED ON FEEDER 6B46 WITH OUT PROLONGED DELAY 9/29/98 - EPA # IS NYP004017687. UPDATE: 9/29/98 - 1200 A. WALKER - 55495 - ENV. OPS., REPORTS <1.0 PPM CLEANUP COMPLETE AND TAG #19381 REMOVED.

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:		***Spiller Country:***	001
Spiller Address:		***Contact Name:***	
Spiller City:	***Update***	***Contact Phone:***	
Spiller State:	ZZ	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1065447	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	315413	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False

Material Family:	Petroleum	***Med Surf:***	False
Quantity:	1.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***I/F/O NORTH 12TH ST BETWEEN WYTHE ST AND KENT ST***
north 12 th st by wythe st & kent st brooklyn NY

NY SPILLS

Spill No:	0807403	***Spill Date:***	2008-10-01 12:39:00
Site ID:	404749	***Rcvd Date:***	2008-10-01 12:39:00
DER Facility ID:	354019	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2008-10-01 00:00:00
SWIS Code:	2401	***Create Date:***	2008-10-01 12:42:00
Contribute Factor:	Abandoned Drums	***Update Date:***	2008-10-01 16:31:35.733000000
Water Body:		***DEC Region:***	2
Source:	Institutional, Educational, Gov., Other	***Lead DEC:***	smsanges
Class:	D4	***Reported by:***	Police Department
Meets Std:	False	***Referred to:***	
Penalty:		***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

Caller states there is an abandoned drum with unknown contents at above location.

DEC Remark:

drum is full of non petroleum chemicals - DEP will dispose of.

Spiller Information

Spiller Name:	NYPD	***Spiller Zip:***	
Spiller Company:	UNKNOWN	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	NYPD
Spiller City:	BROOKLYN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.723084000		
Longitude:	-73.958749000		

Material Information

OP Unit ID:	1161392	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	2152592	***Med GW:***	False
Material Code:	9999	***Med SW:***	False
Material Name:	other - unknown	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Other	***Med Surf:***	False
Quantity:		***Med Subway:***	False
Units:		***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	False		

Site: ***N3 AND N4TH STREET***
N3 AND N 4TH STREET BROOKLYN NY

NY SPILLS

Spill No:	9211325	***Spill Date:***	1992-01-02 14:16:00
Site ID:	117520	***Rcvd Date:***	1992-01-02 14:15:00
DER Facility ID:	102226	***CAC Date:***	1993-05-13 00:00:00
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2006-06-09 00:00:00
SWIS Code:	2401	***Create Date:***	1993-01-07 00:00:00
Contribute Factor:	Equipment Failure	***Update Date:***	2006-06-09 14:40:20.560000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	JHOCONNE

Class:	C4	***Reported by:***	Responsible Party
Meets Std:	True	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

UPDATING LEAK FROM PIPE LINE WHICH BUBBLED UP TO STREET - NOTIFIED DEPT & FIRE - REMOVED SOIL WILL GIVE TO SIGONA.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL 5/18/93: AAA CLEANED UP OIL. DISPOSED OF CONTAMINATED SOIL EPOXY PIPELINE BACKFILLED. SPILL CLOSED BY TOMASELLO. 4/2/03: SPILL REOPENED BY O'CONNELL. APPENDIX B SITE NO. 25/45. 2/10/05: E-mail from Matthew Madsen, EH&S Remediation project manager: During excavation to uncover the above referenced pipeline, evidence of fuel oil contamination in the soil was discovered between North 3rd and North 4th Streets. This is the location of a known historic release (DEC Spill #9211325). In accordance with the approved Construction Plan for this project, since this is a known spill location, this has not been called into the DEC hotline. The contractor is currently only excavating the overburden soil from above the pipeline, so the extent of the impacted soil is not currently known. We anticipate beginning removal of the pipeline itself next week. I'll keep you updated on the status once we begin the removal of the impacted material. (JHO) Update 6/9/06 Spill closed based on final site investigation report located in eDocs App. B Site 25. (SKA)

Material Information

OP Unit ID:	978292	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	404734	***Med GW:***	False
Material Code:	0003A	***Med SW:***	False
Material Name:	#6 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	30.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***MANHOLE #00019 S/O 5TH & N/W CORNER WYTHE AV BROOKLYN NY***

NY SPILLS

Spill No:	0204122	***Spill Date:***	2002-07-19 09:10:00
Site ID:	178458	***Rcvd Date:***	2002-07-20 05:29:00
DER Facility ID:	149869	***CAC Date:***	
CID:	255	***Insp Date:***	
Program Type:	ER	***Close Date:***	2002-11-04 00:00:00
SWIS Code:	2401	***Create Date:***	2002-07-20 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2002-11-04 00:00:00
Water Body:		***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	JHOCONNE
Class:	C4	***Reported by:***	Affected Persons
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

3 quarts of unknown oil on 3 quarts of water - cleaning pending other work to be done in the manhole - Con Ed #144060

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL e2mis no. 144-060: 19-JUL-2002 0910HRS R. CARAGHER # 73672 UG SPLICER REPORTS FOUND 3 QTS UNKNOWN OIL ON 3 QTS WATER IN M- 00019. NO FIRE OR SMOKE. NO PRIVATE PROPERTY AFFECTED . NO INJURIES RELATED TO THIS SPILL. IT APPEARS TO BE CONTAINED TO STRUCTURE. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. SAMPLE TAKEN ON A 4 TO 6 HR PRIORITY TURNAROUND. CLEANUP PENDING RESULTS. UPDATE - 19-JUL-2002 00:00 HRS.. LSN# 02-06668-001 , SAMPLE TYPE: OIL, AROCLOR: 1260, RESULT: <1. PPM. UPDATE 7-20-02 0445 HRS K. HUFFORD MECH A FLUSH DEPT REPORTS CLEANUP IS INCOMPLETED DUE TO THE AMOUNT OF SOLID (DIRT) WASTE. HE COULD NOT COMPLETE CLEANUP DUE TO HIS TRUCK LOADING UP. HE SAID THERE WAS AT LEAST 4 TO 5 HRS OF WORK LEFT. UPDATE 7-20-02 180 HRS S. DANTONE MECH A FLUSH DEPT REPORTS CLEANUP IS COMPLETED. HE DOUBLE WASH STRUCTURE WITH BIO-JEN 760 AND REMOVED ALL LIQUIDS & DIRT WITH HIS VACTOR. HE FOUND NO SUMP. HE REMOVED E.S.TAG #27477. INCIDENT IS COMPLETED.

Spiller Information

Spiller Name:		***Spiller Zip:***	-
Spiller Company:	UNKNOWN	***Spiller Country:***	001
Spiller Address:		***Contact Name:***	ANDREW MORRIS
Spiller City:		***Contact Phone:***	(212) 580-6763
Spiller State:	ZZ	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	855325	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	518379	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	1.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***METROPOLITAN AV STOP/BKLY***
METROPOLITAN AVE STOP BROOKLYN NY

NY SPILLS

Spill No:	8901311	***Spill Date:***	1989-05-04 17:00:00
Site ID:	105273	***Rcvd Date:***	1989-05-10 09:57:00
DER Facility ID:	92903	***CAC Date:***	1992-12-04 00:00:00
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	1992-12-04 00:00:00
SWIS Code:	2401	***Create Date:***	1989-05-10 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2004-02-25 00:00:00
Water Body:		***DEC Region:***	2
Source:	Gasoline Station or other PBS Facility	***Lead DEC:***	SIGONA
Class:	A2	***Reported by:***	Affected Persons
Meets Std:	True	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

ODOR OF GASOLINE AT SUBWAY, COULD BE FROM GAS STATION ABOVE.

DEC Remark:

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	GAS STATION?	***Spiller Country:***	001
Spiller Address:		***Contact Name:***	
Spiller City:		***Contact Phone:***	
Spiller State:	ZZ	***Contact Ext:***	
Latitude:	40.701269994		
Longitude:	-73.917520000		

Material Information

OP Unit ID:	928317	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	449065	***Med GW:***	False
Material Code:	0009	***Med SW:***	False
Material Name:	gasoline	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	-1.00	***Med Subway:***	False
Units:	L	***Med Utility:***	False

Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

Site: ***METROPOLITAN AVENUE***
METROPOLITAN AVENUE BROOKLYN NY

NY SPILLS

Spill No:	9505873	***Spill Date:***	1995-08-12 16:15:00
Site ID:	237050	***Rcvd Date:***	1995-08-12 16:39:00
DER Facility ID:	195292	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2003-02-11 00:00:00
SWIS Code:	2401	***Create Date:***	1995-09-12 00:00:00
Contribute Factor:	Deliberate	***Update Date:***	2003-02-11 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	TOMASELLO
Class:	C3	***Reported by:***	Federal Government
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

UNK GARGE DOING WOOD WORK AND SPRAYING LACQUERS INTO AIR - INFO LOST IN COMPUTORS

DEC Remark:

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	UNKNOWN GARAGE	***Spiller Country:***	001
Spiller Address:	METROPOLITAN AVE	***Contact Name:***	
Spiller City:	BROOKLYN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.701269994		
Longitude:	-73.917520000		

Material Information

OP Unit ID:	1016764	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	363859	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	-1.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

OP Unit ID:	1016764	***Med Air:***	True
OU:	01	***Med Ind Air:***	False
Material ID:	363860	***Med GW:***	False
Material Code:	1173A	***Med SW:***	False
Material Name:	lacquers	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Other	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	L	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

Site: ***METROPOLITAN AVE BRIDGE***
METROPOLITAN AVENUE BROOKLYN NY

NY SPILLS

Spill No:	0205135	***Spill Date:***	2002-08-15 11:15:00
Site ID:	237049	***Rcvd Date:***	2002-08-15 11:15:00

DER Facility ID:	195292	***CAC Date:***	
CID:	207	***Insp Date:***	
Program Type:	ER	***Close Date:***	2002-08-16 00:00:00
SWIS Code:	2401	***Create Date:***	2002-08-15 00:00:00
Contribute Factor:	Other	***Update Date:***	2002-08-16 00:00:00
Water Body:		***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	TJDEMEO
Class:	C3	***Reported by:***	Other
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

NOTIFICATION DOT IS WORKING ON BRIDGE

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 8/16/2002-VOUGHT-Spoke with Pinakin Patel on 8/16. No spill associated with bridge work. Work performed was replacement of a a steel roadplate. No spill occurred.

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:		***Spiller Country:***	001
Spiller Address:		***Contact Name:***	PINAKIN PATEL
Spiller City:	***Update***	***Contact Phone:***	(646) 235-1895
Spiller State:	ZZ	***Contact Ext:***	
Latitude:	40.701269994		
Longitude:	-73.917520000		

Site: ***TM 70***
METROPOLITAN AVE BROOKLYN NY

NY SPILLS

Spill No:	0210905	***Spill Date:***	2003-01-29 18:20:00
Site ID:	211471	***Rcvd Date:***	2003-01-30 17:46:00
DER Facility ID:	175242	***CAC Date:***	
CID:	282	***Insp Date:***	
Program Type:	ER	***Close Date:***	2003-02-26 00:00:00
SWIS Code:	2401	***Create Date:***	2003-01-30 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2003-02-26 00:00:00
Water Body:		***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	JHOCONNE
Class:	C4	***Reported by:***	Responsible Party
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

LAB RESULTS LESS THAM 1PPM

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con Ed e2mis #146964: 29-JAN-2003 1820HRS VELEZ UG # 14289 REPORTS FOUND 2 GALLONS UNKNOWN OIL ON 200 GALLONS WATER IN TM70. NO FIRE OR SMOKE. NO PRIVATE PROPERTY AFFECTED. NO INJURIES. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. IT APPEARS TO BE CONTAINED TO STRUCTURE. NO CRACKS IN STRUCTURE WALLS. WATER IS STANDING STILL. TAKING SAMPLE ON A 4 TO 6 HR PRIORITY TURNAROUND. CLEAN UP PENDING RESULTS. PLACED ENVIROMENTAL STOP TAG # 28040. THIS IS IN A BUS STOP. WILL CALL I&A CREW TO DO A PRESSURE TEST. HISTORICAL PCB RESULTS DATED 2/21/1994 9PPM. CREW WAS THERE TO DO A LIVE END CAP IN TM 70. THIS IS ON FEEDER 6B55. THIS WILL BE PLACED ON THE COMPANY 24 HOUR DIMINIMIS PROGRAM. CHAIN OF CUSTODY # IS AA08839. CIG SCHLAGEL NOTIFIED @ 1901HRS. 29-JAN-2003 2050HRS THORNGREN NETWORKS REPORTS PRESSURE TESTED UNIT AND IT HELD PRESSURE. OIL LEVEL IS ALSO GOOD. UPDATE - 30-JAN-2003 01:10 HRS. LSN# 03-00832, SAMPLE TYPE: OIL, AROCLOR: 1260, RESULT: < 1PPM. UPDATE 1-30-03 1740 HRS WILL TAKE THIS OFF 24 HRS DEMINIMIS PROGRAM DUE TO THE AMOUNT OF WORK IN STRUCTURE. THEY ALSO WILL HAVE TO WAIT UNTIL TRANSF HAS BEEN REMOVED FROM STRUCTURE. UPDATE 1/30/03 UNIT WAS LIVE END CAPPED, UNIT IS NOT LEAKING, WILL BE REMOVED BUT NOT IN THE NEAR FUTURE ... IT WAS DECIDED WHEN THE < 1 PPM CLEAN UP IS COMPLETED THE TAG WILL BE PULLED AND THE INCIDENT WILL BE CLOSED. EV UPDATE 1-30-03 1910 HRS L. MERCADO MECH A FLUSH DEPT REPORTS CLEANUP COMPLETED. HE DOUBLE WASH STRUCTURE WITH BIO-JEN 760. HE REMOVED ALL LIQUIDS WITH HIS VACTOR. HE FOUND NO SUMP OR DRAIN. HE REMOVED E.S.TAG # 28040 INCIDENT IS CLOSED.

Spiller Information

Spiller Name:		***Spiller Zip:***	-
Spiller Company:	UNKNOWN	***Spiller Country:***	001
Spiller Address:		***Contact Name:***	MR SCHALGEL
Spiller City:		***Contact Phone:***	(212) 580-6763
Spiller State:	ZZ	***Contact Ext:***	
Latitude:	40.701269994		
Longitude:	-73.917520000		

Material Information

OP Unit ID:	864172	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	514276	***Med GW:***	False
Material Code:	0064A	***Med SW:***	False
Material Name:	unknown material	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Other	***Med Surf:***	False
Quantity:	2.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***NEWTON CREEK REG #B7***
METROPOLITAN AV BROOKLYN NY

NY SPILLS

Spill No:	9710120	***Spill Date:***	1997-12-02 15:25:00
Site ID:	299540	***Rcvd Date:***	1997-12-02 17:44:00
DER Facility ID:	242317	***CAC Date:***	
CID:	365	***Insp Date:***	
Program Type:	ER	***Close Date:***	1997-12-05 00:00:00
SWIS Code:	2401	***Create Date:***	1997-12-02 00:00:00
Contribute Factor:	Equipment Failure	***Update Date:***	1997-12-05 00:00:00
Water Body:	LOWER NY BAY	***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	CAENGELH
Class:	D4	***Reported by:***	Responsible Party
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

REGULATOR GADGE CLOSED BY ITSELF CAUSING SPILL OF .010305 MILLION GALLONS INTO THE LOWER NY BAY. CREW OPENED GATE & IT OKAY NOW.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT Referred to Brian Mitchell - Water Unit.

Spiller Information

Spiller Name:	RUSS BETTERS	***Spiller Zip:***	
Spiller Company:	NYC DEP	***Spiller Country:***	001
Spiller Address:	RT42	***Contact Name:***	JIM DALY
Spiller City:	GRAHMSVILLE	***Contact Phone:***	(718) 372-7193
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.701269994		
Longitude:	-73.917520000		

Material Information

OP Unit ID:	1056499	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	328438	***Med GW:***	False

Material Code:	0062A	***Med SW:***	True
Material Name:	raw sewage	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Other	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

Site: ***VAULT 2597***
METROPOLITAN AV BROOKLYN NY

NY SPILLS

Spill No:	0312422	***Spill Date:***	2004-02-08 09:59:00
Site ID:	299538	***Rcvd Date:***	2004-02-08 11:03:00
DER Facility ID:	242317	***CAC Date:***	
CID:	41	***Insp Date:***	
Program Type:	ER	***Close Date:***	2004-07-15 00:00:00
SWIS Code:	2401	***Create Date:***	2004-02-08 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2004-07-15 00:00:00
Water Body:		***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	SKARAKHA
Class:	C4	***Reported by:***	Local Agency
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

UNKNOWN PETROLEUM IN TRANSFORMER VAULT. NO SEWERS OR WATERWAYS. NO SMOKE OR FIRE. NO VISIBLE OIL. NO CRACKS IN STRUCTURE. EAST OF RIVER STREET

DEC Remark:

FEB 8 2004 09:59 Hrs B/Q NETWKS. DEPT. SPLICER R.CILENTO EMP# 44214 REPORTS: WHILE PASSING LOCATION NOTICED STEAM COMEING FROM V2597 (FEEDER # 6B57) FOUND: APPROX. 10 GAL'S OF UNKNOWN OIL ON APPROX. 800 GAL'S OF WATER. SPILL APPEARS TO BE CONTAINED AT THIS TIME. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO KNOWN SUMP OR PUMP PRESENT. NO KNOWN SEWER CONNECTION PRESENT. LIQ. SAMPLE TAKEN FROM SPILL & MARKED PRIORITY E CHAIN OF CUSTODY# DD-08255. CLEANUP PENDING TEST RESULTS. INITIAL CLEANUP BEING DONE AS 50-499. UNIT CANNOT BE PRESSURE TESTED AT THIS TIME, DUE TO THE QUANTITY OF WATER IN STRUCTURE. UPDATE 08-FEB-2004 11:00 HRS. UNIT HISTORICAL DATA: SERIAL# F124431, CLASS CODE-GU8, MFG CODE-GE, INSTALL DATE 1/1/65, HIST. PCB RESULTS- 11/8/02 - 9PPM. OIL CAPACITY FOR V-2597=295 GALLONS. THIS VAULT PREVIOUSLY LISTED IN OPEN INCIDENT # 148227. SEE 148227 FOR DETAILS. EPA# NYP 004 117 834 Update 2/9/04 Estimated amount is 35 gals unknown petroleum. No sewer or waterway affected. ENVIR. OPER. MECH-A P.ROSADO EMP# 82008 REPORTS: DBL WASHED STRUCTURE WITH BIO-GEN 760. ASTORIA TANKER REMOVED ALL LIQUIDS FROM UNIT & STRUCTURE. ENVIR.TAG LEFT IN PLACE PENDING UNIT REMOVAL. PRELIMINARY CLEANUP IS COMPLETE AT THIS TIME. Vault #2597 Inc# 152016 all liquids were removed, partially cleaned, and double washed; weep holes were sealed with cement on the east side of the structure that connected to VS-1433; stop tag remains in place for Vaults 2597,and 1856. W. Eckstein, env. ops mech reports as of this time partially cleaned structures so that asbestos abatement could be done this date (3/11/04). 3/11/04 2000 HRS S.ASFOUR NETW REPORTS ASBESTOS ABATEMENT IS COMPLETE IN V2597. update 3-25-04 05:40hrs k. hufford reports, double washed structure again and left tag in place. UPDATE - 3/25/04 - 10HRS Steve Asfour Netw reports asbestos abatement was done in V1856. Secondary gap has been cut and the asbestos shells have been removed. Transformer is ready to be removed from structure. Clean up can be completed when unit is removed. 4/19/04 1850 HRS LIPORI REPORTS CLEANUP COMPLETED DOULBED WASHED STRUCTURE USING BIO GEN 760 .REMOVED ENVIR TAG#33636 . BOTH UNITS ARE REMOVED INCIDENT CLOSED.

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	UNKNOWN	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	ERT
Spiller City:		***Contact Phone:***	(212) 580-8383
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.701269994		
Longitude:	-73.917520000		

Material Information

OP Unit ID:	879878	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	497630	***Med GW:***	False
Material Code:	0066A	***Med SW:***	False

Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	10.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***BQE E/B &***
METROPOLITAN AV BROOKLYN NY

NY SPILLS

Spill No:	9702070	***Spill Date:***	1997-05-17 07:15:00
Site ID:	299539	***Rcvd Date:***	1997-05-17 08:00:00
DER Facility ID:	242317	***CAC Date:***	
CID:	297	***Insp Date:***	
Program Type:	ER	***Close Date:***	2003-02-24 00:00:00
SWIS Code:	2401	***Create Date:***	1997-05-17 00:00:00
Contribute Factor:	Traffic Accident	***Update Date:***	2003-02-24 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial Vehicle	***Lead DEC:***	GUTIERREZ
Class:	C4	***Reported by:***	Fire Department
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

TRACTOR HIT AN OBJECT IN THE ROAD AND IT RUPTURED THE TANK - SPILL HAS BEEN CONTAINED AND SAND WAS APPLIED TO THE SPILL BY NYC DOT

DEC Remark:

Spiller Information

Spiller Name:	DONALD ULMER	***Spiller Zip:***	07840-
Spiller Company:	F & T DISTRIBUTORS	***Spiller Country:***	001
Spiller Address:	70 PETERSBURG RD	***Contact Name:***	
Spiller City:	HACKETTS TOWN	***Contact Phone:***	
Spiller State:	NJ	***Contact Ext:***	
Latitude:	40.701269994		
Longitude:	-73.917520000		

Material Information

OP Unit ID:	1047996	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	335004	***Med GW:***	False
Material Code:	0008	***Med SW:***	False
Material Name:	diesel	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	30.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***BY KENT AV***
METROPOLITAN BROOKLYN NY

NY SPILLS

Spill No:	0106102	***Spill Date:***	2001-09-07 17:00:00
Site ID:	113069	***Rcvd Date:***	2001-09-07 17:19:00
DER Facility ID:	98682	***CAC Date:***	
CID:	365	***Insp Date:***	
Program Type:	ER	***Close Date:***	2002-05-15 00:00:00
SWIS Code:	2401	***Create Date:***	2001-09-07 00:00:00
Contribute Factor:	Traffic Accident	***Update Date:***	2002-05-15 00:00:00
Water Body:		***DEC Region:***	2

Source:	Commercial/Industrial	***Lead DEC:***	JMKRIMGO
Class:	C3	***Reported by:***	Police Department
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

truck overturned - fuel going into the sewer - req dec to scene

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD

Spiller Information

Spiller Name:		***Spiller Zip:***	-
Spiller Company:	UNKNOWN	***Spiller Country:***	001
Spiller Address:		***Contact Name:***	
Spiller City:		***Contact Phone:***	
Spiller State:	ZZ	***Contact Ext:***	
Latitude:	40.701269994		
Longitude:	-73.917520000		

Material Information

OP Unit ID:	844492	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	530984	***Med GW:***	False
Material Code:	0008	***Med SW:***	False
Material Name:	diesel	***Med DW:***	False
CAS No:		***Med Sewer:***	True
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

Site: ***KENT AVE ROADWAY***
KENT AVE BEWTEEN N 4TH ST & N 5TH ST BROOKLYN NY

NY SPILLS

Spill No:	1400122	***Spill Date:***	2014-04-03 17:09:00
Site ID:	493351	***Rcvd Date:***	2014-04-03 16:22:00
DER Facility ID:	448234	***CAC Date:***	
CID:		***Insp Date:***	
Program Type:	ER	***Close Date:***	2014-04-07 00:00:00
SWIS Code:	2401	***Create Date:***	2014-04-03 17:11:00
Contribute Factor:	Unknown	***Update Date:***	2014-04-07 10:27:15.593000000
Water Body:		***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	RMPIPER
Class:	C4	***Reported by:***	Local Agency
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

Oil Spilled to blacktop roadway and not affecting any sewers or waterways. Cleanup is pending.

DEC Remark:

DEC Piper spoke with DEP POHL. He will call sanitatoin and have them sand and sweep. Spill closed.

Spiller Information

Spiller Name:	SPECALIST PAUL	***Spiller Zip:***	

Spiller Company:	UNKNOWN	***Spiller Country:***	999
Spiller Address:	KENT AVE BEWTEEN N 4TH ST & N 5TH ST	***Contact Name:***	SPECALIST PAUL
Spiller City:	BROOKLYN	***Contact Phone:***	(347) 844-2719
Spiller State:	NY	***Contact Ext:***	
Latitude:			
Longitude:			

Material Information

OP Unit ID:	1242852	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	2243440	***Med GW:***	False
Material Code:	0010	***Med SW:***	False
Material Name:	hydraulic oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	10.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:		***Oxygenate:***	
Med Soil:	True		

Site: ***ON STREET***
KENT AVE BROOKLYN NY

NY SPILLS

Spill No:	0200826	***Spill Date:***	2002-04-22 10:30:00
Site ID:	211729	***Rcvd Date:***	2002-04-22 10:57:00
DER Facility ID:	175459	***CAC Date:***	
CID:	397	***Insp Date:***	
Program Type:	ER	***Close Date:***	2002-04-23 00:00:00
SWIS Code:	2401	***Create Date:***	2002-04-22 00:00:00
Contribute Factor:	Human Error	***Update Date:***	2002-05-09 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial Vehicle	***Lead DEC:***	TJDEMEO
Class:	C3	***Reported by:***	Responsible Party
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

driver did not secure top hatch s[pilling fuel. is in the process of being cleaned

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 4/23/02 TJD Spill caused by human error. All impacts to street outside of Bayside Terminal located @ intersection of N12 St/10th Ave. Spill cleaned by Century personnel using absorbents.

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	CENTURY PETROLEUM	***Spiller Country:***	001
Spiller Address:	25 [AGE AVE	***Contact Name:***	CALLER
Spiller City:	BROOKLYN	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.710089994		
Longitude:	-73.955890000		

Material Information

OP Unit ID:	851666	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	522260	***Med GW:***	False
Material Code:	0008	***Med SW:***	False
Material Name:	diesel	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	15.00	***Med Subway:***	False

Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***EAST RIVER***
KENT AVE BROOKLYN NY

NY SPILLS

Spill No:	9714162	***Spill Date:***	1998-03-21 08:45:00
Site ID:	211732	***Rcvd Date:***	1998-03-21 09:20:00
DER Facility ID:	175459	***CAC Date:***	
CID:	370	***Insp Date:***	
Program Type:	ER	***Close Date:***	2004-05-12 00:00:00
SWIS Code:	2401	***Create Date:***	1998-03-21 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2004-05-12 00:00:00
Water Body:	EAST RIVER	***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	RWAUSTIN
Class:	C3	***Reported by:***	Federal Government
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

unknown sheen on east river approx 5 feet by 50 feet - closest street is kent ave near williamsburg bridge - coast guard sending assesment team

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 5/12/04 - AUSTIN - UNK. SURF. SPILL FROM 6 YRS AGO - CLOSED - ORIG. ASSIGNED TO HALE - END

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	UNKNOWN	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	ABOVE CALLER
Spiller City:		***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.710089994		
Longitude:	-73.955890000		

Material Information

OP Unit ID:	1060031	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	325130	***Med GW:***	False
Material Code:	0066A	***Med SW:***	True
Material Name:	unknown petroleum	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	False		

Site: ***CORNER METROPOLATAIN AND***
KENT AVE BROOKLYN NY

NY SPILLS

Spill No:	0106099	***Spill Date:***	2001-09-07 16:30:00
Site ID:	211728	***Rcvd Date:***	2001-09-07 16:40:00
DER Facility ID:	175459	***CAC Date:***	
CID:	282	***Insp Date:***	
Program Type:	ER	***Close Date:***	2001-09-10 00:00:00
SWIS Code:	2401	***Create Date:***	2001-09-07 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2005-05-11 15:00:35.873000000
Water Body:		***DEC Region:***	2
Source:	Unknown	***Lead DEC:***	JMKRIMGO
Class:	C3	***Reported by:***	Citizen

Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

THEY WERE MOVING DRUMS AROUND AT THE CORNER AND SPILLED DIESEL. NAME OF THE COMPANY POSSIBLY IS HIGHLAND ELECTRIC.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	UNKNOWN FOR NOW	***Spiller Country:***	001
Spiller Address:	SAME	***Contact Name:***	N/A
Spiller City:		***Contact Phone:***	
Spiller State:	ZZ	***Contact Ext:***	
Latitude:	40.710089994		
Longitude:	-73.955890000		

Material Information

OP Unit ID:	844490	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	530981	***Med GW:***	False
Material Code:	0008	***Med SW:***	False
Material Name:	diesel	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***BROOKLYN NAVY YARD***
KENT AVE BROOKLYN NY

NY SPILLS

Spill No:	9700429	***Spill Date:***	1997-04-08 12:28:00
Site ID:	211731	***Rcvd Date:***	1997-04-09 11:01:00
DER Facility ID:	175459	***CAC Date:***	
CID:	311	***Insp Date:***	
Program Type:	ER	***Close Date:***	1997-04-09 00:00:00
SWIS Code:	2401	***Create Date:***	1997-04-09 00:00:00
Contribute Factor:	Unknown	***Update Date:***	1997-04-14 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	KSTANG
Class:	C3	***Reported by:***	DEC
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

TRANSFORMER OIL ON FIRE, MARKED 50-500 PPM PCB. SAMPLE OF OIL TAKEN AND GIVEN TO DEP TO ANALYZE. FD HAZMAT, AND DEP HAZMAT, BATTALLION 31 ON SCENE. SOME SOIL WAS IMPACTED.

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG REFERRED TO VADIM BREVDO

Spiller Information

Spiller Name:		***Spiller Zip:***	

Spiller Company:	UNK	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	MORRIS BAILEY
Spiller City:	***UPDATE***	***Contact Phone:***	
Spiller State:	ZZ	***Contact Ext:***	
Latitude:	40.710089994		
Longitude:	-73.955890000		

Material Information

OP Unit ID:	1046738	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	337024	***Med GW:***	False
Material Code:	0020A	***Med SW:***	False
Material Name:	transformer oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***MANHOLE TM851***
KENT AVE BROOKLYN NY

NY SPILLS

Spill No:	9908351	***Spill Date:***	1999-10-09 10:15:00
Site ID:	211733	***Rcvd Date:***	1999-10-09 11:14:00
DER Facility ID:	175459	***CAC Date:***	
CID:	389	***Insp Date:***	
Program Type:	ER	***Close Date:***	1999-10-18 00:00:00
SWIS Code:	2401	***Create Date:***	1999-10-09 00:00:00
Contribute Factor:	Equipment Failure	***Update Date:***	2000-05-23 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	JHOCONNE
Class:	C3	***Reported by:***	Responsible Party
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	True
UST Trust:	False		
Caller Remark:			

transformer in vault leaking material due to faulty equipment clean up unk sample taken coned#128344 pcb test done on 12/10/98 test results 410 ppm no callback necessary

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con Ed e2mis notes: approx 15 gallons of oil on 6 of dirt, in TM 851, unable to see any defects at this time, unable to pressure testdue to conditions. 1-sample taken, records show 410PPM dated 12/10/98. pressure tested unit, unit not holding pressure, leak appears to be coming from groung switch handle shaft, unit is 15 gallons low on oil. No records to show any sewer connections. We have to deenegerize feeder which should be between 7 and 8pm, and will remove transformer monday 10-11-99. DEP is issuing a commissioners order requiring a complete cleanup of the vault by 8:00pm 10-10-99. Also they are issuing a notice of violation for the transformer not having a PCB label. E&S crew arrived at 14:50 hrs to begin excavation. 16:30 ERT reports, chem lab gave ert a verbal that oil sample is over 50ppm, lab seq # 99-10651 370 ppm. SPACE 49874 Dep Nancy Barsoum is back on location ans is very satisfied, she will back tomorrow afternoon approx 5:00pm, also transformer is in the prosess of being drained. removed 460 gallons from transformer, draining is completed. EPA# NYP004044467. transformer in tm851 removed. 9 barrells of solids removed. found clogged drain in nwc of structure--no discharge--sealed drain perm. with garton plug, steamed and double washed with bg-760 and slix, cannont replace transformer at this time due to structrual damage to walls. DEC Inspector notes: Duplicate of spill #9908351

Spiller Information

Spiller Name:		***Spiller Zip:***	10003
Spiller Company:	CON EDISON	***Spiller Country:***	001
Spiller Address:	4 IRVING PLACE	***Contact Name:***	ABOVE CALLER
Spiller City:	NEW YORK	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.710089994		
Longitude:	-73.955890000		

Material Information

OP Unit ID:	1087022	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	563446	***Med GW:***	False
Material Code:	0541A	***Med SW:***	False
Material Name:	dielectric fluid	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	15.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***KENT TERMINAL CORP***
KENT AVE BROOKLYN NY

NY SPILLS

Spill No:	9606601	***Spill Date:***	1996-08-22 13:00:00
Site ID:	211730	***Rcvd Date:***	1996-08-22 13:51:00
DER Facility ID:	175459	***CAC Date:***	
CID:	270	***Insp Date:***	
Program Type:	ER	***Close Date:***	2005-01-28 00:00:00
SWIS Code:	2401	***Create Date:***	1996-08-22 00:00:00
Contribute Factor:	Unknown	***Update Date:***	2005-01-28 13:26:03.763000000
Water Body:		***DEC Region:***	2
Source:	Commercial/Industrial	***Lead DEC:***	RWAUSTIN
Class:	C3	***Reported by:***	Affected Persons
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

peliminary stages of investigation/so far historical stain discovered dec reps ard aware of location

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 07/07/2003- SUPPLEMENTAL INVESTIGATION REPORT RECEIVED DEC 2002 REMEDIATION HAS NOT YET BEGUN. 5/14/04 - TRANSFERRED FROM TOMASELLO FOR REASSIGNMENT - END 1/28/05 - AUSTIN - ADDRESS INSUFFICIENT TO FOLLOW UP IN RECORDS - NO OTHER LISTINGS FOR KENT TERMINAL - NO HARD COPY FILES FOUND - CLOSED - END

Spiller Information

Spiller Name:		***Spiller Zip:***	
Spiller Company:	UNKNOWN	***Spiller Country:***	999
Spiller Address:		***Contact Name:***	MORRIS BAILEY
Spiller City:		***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.710089994		
Longitude:	-73.955890000		

Material Information

OP Unit ID:	1034410	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	345868	***Med GW:***	False
Material Code:	0001A	***Med SW:***	False
Material Name:	#2 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***BQE AND***

KENT AV EXIT BROOKLYN NY

NY SPILLS

Spill No:	0208206	***Spill Date:***	2002-11-07 13:00:00
Site ID:	69960	***Rcvd Date:***	2002-11-07 13:19:00
DER Facility ID:	66470	***CAC Date:***	
CID:	270	***Insp Date:***	
Program Type:	ER	***Close Date:***	2002-11-07 00:00:00
SWIS Code:	2401	***Create Date:***	2002-11-07 00:00:00
Contribute Factor:	Equipment Failure	***Update Date:***	2002-11-25 00:00:00
Water Body:		***DEC Region:***	2
Source:	Commercial Vehicle	***Lead DEC:***	TJDEMEO
Class:	C3	***Reported by:***	Affected Persons
Meets Std:	False	***Referred to:***	
Penalty:	False	***County:***	Kings
REM Phase:	0	***After Hours:***	False
UST Trust:	False		
Caller Remark:			

HOSE REEL ON TRUCK BROKE CAUSING SPILL CLEAN UP IN PROGRESS

DEC Remark:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO/OD Spill on BQE no drains, surface water, soils affected. DOT sanding, Mystic cleanup crew on site, cleanup completed/od/mt ON ROADWAY DOT, & MYSTIC ON- PAVEMENT NO SURFACE WATER SEWERS.

Spiller Information

Spiller Name:	CALLER	***Spiller Zip:***	
Spiller Company:	MYSTIC	***Spiller Country:***	001
Spiller Address:	1901 STEINWAY ST	***Contact Name:***	CALLER
Spiller City:	ASTORIA	***Contact Phone:***	
Spiller State:	NY	***Contact Ext:***	
Latitude:	40.710089994		
Longitude:	-73.955890000		

Material Information

OP Unit ID:	859736	***Med Air:***	False
OU:	01	***Med Ind Air:***	False
Material ID:	515210	***Med GW:***	False
Material Code:	0001A	***Med SW:***	False
Material Name:	#2 fuel oil	***Med DW:***	False
CAS No:		***Med Sewer:***	False
Material Family:	Petroleum	***Med Surf:***	False
Quantity:	10.00	***Med Subway:***	False
Units:	G	***Med Utility:***	False
Recovered:	.00	***Oxygenate:***	
Med Soil:	True		

Site: ***CON EDISON - MANHOLE 10***
E/S KENT AVE 290` S/O SOUTH 9 SREET BROOKLYN NY 11211

RCRA LQG

EPA Handler ID:	NYP004346409
Gen Status Universe:	Large Quantity Generator
Contact Name:	DENNIS HUACON
Contact Address:	4 , IRVING PLACE, 15TH FL NE , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext:	212-460-2757
Contact Email:	HUACOND@CONED.COM
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20140327

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records

associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20130815
Handler Name:	CON EDISON MANHOLE: 10
Generator Status Universe:	Large Quantity Generator
Source Type:	Emergency

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20130915
Handler Name:	CON EDISON MANHOLE: 10
Generator Status Universe:	Large Quantity Generator
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20140327
Handler Name:	CON EDISON - MANHOLE 10
Generator Status Universe:	Large Quantity Generator
Source Type:	Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code:	B002
Waste Code Description:	Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.
Hazardous Waste Code:	B007
Waste Code Description:	Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.
Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20130814	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003

Owner/Operator Ind:	Current Owner	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20130814	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003

Site: ***CON EDISON - MANHOLE 4876***
BEDFORD AVE & S 2ND ST INT BROOKLYN NY 11211

RCRA LQG

EPA Handler ID:	NYP005029564
Gen Status Universe:	Large Quantity Generator
Contact Name:	ALYSSA SOTTO
Contact Address:	4 , IRVING PLACE, 15TH FL NE , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext:	212-460-2757
Contact Email:	SOTTOA@CONED.COM
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	Private
Receive Date:	20180410

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180410
Handler Name:	CON EDISON - MANHOLE 4876
Generator Status Universe:	Large Quantity Generator
Source Type:	Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF	***Street 2:***	

	NY, INC.		
Date Became Current:	20170324	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:	212-460-2757	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003
Owner/Operator Ind:	Current Operator	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20170324	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:	212-460-2757	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003

Site: ***NYSDOT BIN 1065459***
I-278 OVER WYTHE AVE BROOKLYN NY 11211

RCRA LQG

EPA Handler ID:	NYR000155671
Gen Status Universe:	Large Quantity Generator
Contact Name:	CARL R KOCHERSBERGER
Contact Address:	4740 , 21ST STREET , DOT REGION 11 CONSTR OFFICE , LONG ISLAND CITY , NY, 11101 , US
Contact Phone No and Ext:	518-485-9161
Contact Email:	CKOCHERSBERGER@DOT.STATE.NY.US
Contact Country:	US
County Name:	KINGS
EPA Region:	02
Land Type:	State
Receive Date:	20071226

Violation/Evaluation Summary

Note:	NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20071226
Handler Name:	NYSDOT BIN 1065459
Generator Status Universe:	Large Quantity Generator
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20071227
Handler Name:	NYSDOT BIN 1065459
Generator Status Universe:	Large Quantity Generator

Source Type: Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	State	***Street 1:***	
Name:	OFFICE OF CONSTRUCTION NYSDOT REGION 11	***Street 2:***	
Date Became Current:	20071227	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	
Source Type:	Notification	***Zip Code:***	
Owner/Operator Ind:	Current Owner	***Street No:***	50
Type:	State	***Street 1:***	WOLF RD - ENV ANALYSIS NYSDOT
Name:	STATE OF NY C/O NYSDOT COMMISSIOENR	***Street 2:***	HAZ WASTE SECTION POD 4-1
Date Became Current:	20071227	***City:***	ALBANY
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	12232

Site: ***CON EDISON - MANHOLE 4863***
WYTHE AVE & S 4TH ST INT BROOKLYN NY 11249

RCRA LQG

EPA Handler ID: NYP004687620
Gen Status Universe: Large Quantity Generator
Contact Name: ALYSSA SOTTO
Contact Address: 4 , IRVING PLACE, 15TH FL NE , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext: 212-460-2757
Contact Email: SOTTOA@CONED.COM
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20180410

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180410
Handler Name: CON EDISON - MANHOLE 4863
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20160226	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:	212-460-2757	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003

Owner/Operator Ind:	Current Operator	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20160226	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:	212-460-2757	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003

Site: ***CON EDISON - MANHOLE 83293***
S 2ND ST & KENT AVE INT BROOKLYN NY 11249

RCRA LQG

EPA Handler ID: NYP005059124
Gen Status Universe: Large Quantity Generator
Contact Name: ALYSSA SOTTO
Contact Address: 4 , IRVING PLACE, 15TH FL NE , , NEW YORK , NY, 10003 , US
Contact Phone No and Ext: 212-460-2757
Contact Email: SOTTOA@CONED.COM
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20180410

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No

Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180410
Handler Name: CON EDISON - MANHOLE 83293
Generator Status Universe: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20170405	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:	212-460-2757	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003

Owner/Operator Ind:	Current Operator	***Street No:***	4
Type:	Private	***Street 1:***	IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20170405	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:	212-460-2757	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	10003

Site: ***CON EDISON SERVICE BOX: 23585***
BEDFORD AVE & BERRY ST 164 FEET S OF BROOKLYN NY 11249

RCRA NON GEN

EPA Handler ID: NYP004577557
Gen Status Universe: No Report
Contact Name: THOMAS TEELING
Contact Address:
Contact Phone No and Ext: 212-460-3770
Contact Email:
Contact Country:
County Name: KINGS
EPA Region: 02
Land Type: Private
Receive Date: 20140726

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No

Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140626
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140626
Handler Name: CON EDISON
Generator Status Universe: No Report
Source Type: Emergency

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20140726
Handler Name: CON EDISON SERVICE BOX: 23585
Generator Status Universe: No Report
Source Type: Implementer

Site: ***CON EDISON- #7 FUEL OIL PIPELINE REMOVAL***
N 1ST & KENT AVE TO FRANKLIN ST TO EAGLE ST & E 250 FEET BROOKLYN NY 11211 RCRA SQG

EPA Handler ID: NYR000130633
Gen Status Universe: Small Quantity Generator
Contact Name: THOMAS P TEELING
Contact Address: 31-01 , 20TH AVE BLDG 136 2ND FLOOR , CONSTRUCTION MANAGEMENT , ASTORIA , NY, 11105 , US
Contact Phone No and Ext: 212-460-3770
Contact Email: TEELINGT@CONED.COM
Contact Country: US
County Name: KINGS
EPA Region: 02
Land Type: Municipal
Receive Date: 20070101

Violation/Evaluation Summary

Note: NO RECORDS: As of June 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No

Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20050214
Handler Name: CON EDISON - #7 FUEL OIL PIPELINE REMOVA
Generator Status Universe: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060221
Handler Name: CON EDISON - COAL TAR WRAP
Generator Status Universe: Small Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: B007
Waste Code Description: Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20061024
Handler Name: CON EDISON- #7 FUEL OIL PIPELINE REMOVAL
Generator Status Universe: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20061025
Handler Name: CON EDISON- #7 FUEL OIL PIPELINE REMOVAL
Generator Status Universe: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: B007
Waste Code Description: Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20070101
Handler Name:	CON EDISON- #7 FUEL OIL PIPELINE REMOVAL
Generator Status Universe:	Small Quantity Generator
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	4 IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20050218	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Implementer	***Zip Code:***	10003

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	CON EDISON	***Street 2:***	
Date Became Current:	19841001	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	4 IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20050218	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Implementer	***Zip Code:***	10003

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	
Name:	CON EDISON	***Street 2:***	
Date Became Current:	19841001	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	CON EDISON OF NY INC	***Street 2:***	
Date Became Current:	19841001	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	

Owner/Operator Ind:	Current Owner	***Street No:***	4
Type:	Private	***Street 1:***	IRVING ST
Name:	CON EDISON OF NY INC	***Street 2:***	
Date Became Current:	19841001	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	10003

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	4 IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20050218	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report	***Zip Code:***	10003

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	4 IRVING PLACE
Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.	***Street 2:***	
Date Became Current:	20050218	***City:***	NEW YORK
Date Ended Current:		***State:***	NY
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report	***Zip Code:***	10003

Site: ***Jones Motors***
Lombardy Street (Foot of Newton Creek) Brooklyn NY

SHWS

Site Code:	55906	***Latitude:***	
Site Code (GIS):		***Longitude:***	
HW Code:	224001	***Latitude (GIS):***	
SWIS:	2401	***Longitude (GIS):***	
Site Class:	N	***X Coord (GIS):***	
Site Class (GIS):		***Y Coord (GIS):***	
Program:	HW	***Method:***	
Acres:		***Accuracy:***	
Town:	New York City	***Record Added:***	1999-11-18 12:00:00
County:	Kings	***Record Update:***	2003-12-16 00:00:00
Region:	2	***Updated by:***	kstang
Town (GIS):		***Region (GIS):***	
County (GIS):			
Site Class Desc (GIS):			

Site Class Desc:

No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Assess DOH:

Source of Data:

Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Description:

The site did not qualify for addition to the Registry of Inactive Hazardous Disposal Sites. This site was used for disposal from 1924-1964 and is currently not in use. At the time of use a chemical company owned the property. The chemical composition of waste disposed of at the site includes miscellaneous waste material. Methods of disposal include mixed industrial waste landfill and other uncategorized methods. Site has been investigated by the region in 1984. The site was listed in the Eckhardt Committee Report. Site has since been cleaned up and paved.

Assessment:

Projects Information

Project Code:	05	***Code Name:***	Remedial Action
Project Desc:	Remedial Action	***Operable Unit ID:***	568
Project Refer Name:		***Operable Unit:***	01
End Date:	1983-01-01 00:00:00	***Operable Unit Desc:***	REMEDIAL PROGRAM
End Status:	ACT		

Site: ***Peoples Works***

VCP

Kent Ave. S. 10th St., S. 11th St. Brooklyn NY 11211-

Site Code:	57834	***Site Code (GIS):***	V00702
HW Code:	V00702	***Site Class (GIS):***	N
Site Class:	N	***Address1 (GIS):***	Kent Ave. S. 10th St., S. 11th St.
Site Address:	Kent Ave. S. 10th St., S. 11th St.	***Address2 (GIS):***	
City:	Brooklyn	***Locality (GIS):***	Brooklyn
ZIP:	11211-	***ZIP Code (GIS):***	11211-
County:	Kings	***County (GIS):***	Kings
SWIS:	2401	***Town (GIS):***	New York City
Region:	2	***Region (GIS):***	2
Town:	New York City	***X Coord (GIS):***	587087.51521
Acres:		***Y Coord (GIS):***	4506850.11487
Record Added:	2003-11-06 09:33:00	***Method:***	4.3
Record Update:	2004-05-10 09:10:00	***Accuracy:***	0 to 10 meters
Updated by:	ajsylves	***Accuracy Unit:***	
Latitude:	40.707963612	***Latitude (GIS):***	40.7079636181147
Longitude:	-73.969040926	***Longitude (GIS):***	-73.969040926014

Site Name: Peoples Works

Site Name (GIS): Peoples Works

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Program: VCP

Program Desc: VCP

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

See Site 224053

Assessment:

Site: ***Peoples Works***
Kent Ave. S., 10th St., S. 11th St. Brooklyn NY 11211

VCP

Site Code:	57150	***Site Code (GIS):***	V00632
HW Code:	V00632	***Site Class (GIS):***	N
Site Class:	N	***Address1 (GIS):***	Kent Ave. S., 10th St., S. 11th St.
Site Address:	Kent Ave. S., 10th St., S. 11th St.	***Address2 (GIS):***	
City:	Brooklyn	***Locality (GIS):***	Brooklyn
ZIP:	11211	***ZIP Code (GIS):***	11211
County:	Kings	***County (GIS):***	Kings
SWIS:	2401	***Town (GIS):***	New York City
Region:	2	***Region (GIS):***	2
Town:	New York City	***X Coord (GIS):***	587087.09251
Acres:		***Y Coord (GIS):***	4506849.85622
Record Added:	2003-01-16 09:50:00	***Method:***	4.3
Record Update:	2009-12-07 10:20:00	***Accuracy:***	0 to 10 meters
Updated by:	MOBARRIE	***Accuracy Unit:***	
Latitude:	40.707961340	***Latitude (GIS):***	40.7079613330794
Longitude:	-73.969045970	***Longitude (GIS):***	-73.9690459651803

Site Name: Peoples Works

Site Name (GIS): Peoples Works

Site Class Desc (GIS): No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Site Class Desc: No Further Action at this Time: Sites are given a classification of "N" when:

a. the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program;

b. a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced;

c. a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or

d. an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Program: VCP

Program Desc: VCP

Assess DOH:

Source of Data: Remedial Sites Data set: This database contains records of the sites which have been remediated or are being managed under one of DER's remedial programs (i.e. , State Superfund, Brownfield Cleanp, etc.). All sites listed on the "Registry of Inactive Hazardous Waste Disposal Sites in New York State" are include in this database. The Database also includes the "Registry of Institutional and Engineering Controls in New York State".

Remedial GIS Data set: This dataset includes a single point location for a subset of sites which are currently included in one of the Remedial Programs being overseen by the Division of Environmental Remediation.

Description:

See Site 224053

Assessment:

Owner Information

Seq No:	0000000	***Owner Street:***	ONE METROTECH CENTER
Sub Type:	ZZZ	***Owner Street 2:***	
Own Op:	06	***Owner City:***	BROOKLYN
Owner Name:		***Owner State:***	NY
Owner Co.:	KEYSPAN ENERGY DELIVERY - NY	***Owner Zip:***	11201
Country:	United States of America		

Seq No:	0000000	***Owner Street:***	470 KENT AVENUE
Sub Type:	ZZZ	***Owner Street 2:***	
Own Op:	01	***Owner City:***	BROOKLYN
Owner Name:		***Owner State:***	NY
Owner Co.:	CERTIFIED LUMBER CORPORATION	***Owner Zip:***	11211
Country:	United States of America		

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Jun 11, 2019

National Priority List - Proposed: PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Jun 11, 2019

Deleted NPL: DELETED NPL

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Government Publication Date: Jun 11, 2019

SEMS List 8R Active Site Inventory: SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Jun 11, 2019

SEMS List 8R Archive Sites: SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Jun 11, 2019

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jun 3, 2019

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Jun 3, 2019

RCRA Generator List: RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jun 3, 2019

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jun 3, 2019

RCRA Conditionally Exempt and Very Small Quantity Generators List: RCRA CESQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt and Very Small Quantity Generators (VSQG and CESQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG and CESQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jun 3, 2019

RCRA Non-Generators: RCRA NON GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jun 3, 2019

Federal Engineering Controls-ECs: FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Sep 20, 2018

Federal Institutional Controls- ICs: FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Sep 20, 2018

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Mar 21, 2019

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 11, 2019

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 17, 2018

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jan 18, 2019

LIEN on Property: SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Jun 11, 2019

Superfund Decision Documents: SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Jun 11, 2019

State

Hazardous Substance Waste Disposal Sites: HSWDS

A list of sites included in Hazardous Substance Waste Disposal Site Study reports made available by the New York Department of Environmental Conservation Division of Hazardous Waste Remediation. Provides information regarding the evolving status of hazardous substance waste disposal sites in New York.

Government Publication Date: Oct 24, 2003

Registry of Inactive Hazardous Waste Disposal Sites in New York State: SHWS

State-and tribal- equivalent CERCLIS. State Superfund Program (Inactive Hazardous Waste Disposal Site Remedial Program) (IHWDS) - Oversees the identification, investigation and cleanup of sites where consequential amounts of hazardous waste exist. These sites go through a process of investigation, evaluation, cleanup and monitoring that has several distinct stages. This list is made available by New York State Department of Environmental Conservation's State Superfund Program.

Government Publication Date: May 28, 2019

Delisted Registry of Inactive Hazardous Waste Disposal Sites in New York: DSHW

This database contains a Registry of Inactive Hazardous Waste Disposal sites which have been removed from New York Department of Environmental Conservation's Environmental Site Remediation database.

Government Publication Date: May 28, 2019

Vapor Intrusion Legacy Site List: VAPOR

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion. This list is made available by Department of Environmental Conservation's Vapor Intrusion Legacy Site List. This database is state equivalent CERCLIS.

Government Publication Date: Dec 31, 2018

Solid Waste Facilities and Landfills: SWF/LF

Solid Waste Information Management System (SWIMS) is an inventory containing active and inactive facilities throughout the state. This list is made available by Department of Environmental Conservation's Solid Waste Information Management System (SWIMS).

Government Publication Date: Jul 2, 2019

Leaking Storage Tanks: LST

This database contains records of chemical and petroleum spill incidents. They include leaking aboveground storage tanks or leaking underground storage tanks, with incidents of tank test failures, tank failures and tank overfill. This list is made available by New York State Department of Environmental Conservation's Spill Response Program.

Government Publication Date: Aug 21, 2019

Delisted Leaking Storage Tanks: DELISTED LST

List of Leaking Storage Tank sites which has been removed from New York Department of Environmental Conservation's Spill Response Program

Government Publication Date: Aug 21, 2019

Underground Storage Tanks- UST-Petroleum Bulk Storage (PBS): UST

Facilities within the Petroleum Bulk Storage (PBS) that have underground storage tanks. Underground petroleum storage facilities with a combined storage capacity over eleven hundred (1,100) gallons. This list is made available by NewYork Department of Environmental Conservation's Environmental Site Database Search.

Government Publication Date: Jun 26, 2019

The Bulk Storage Program Database - AST: AST

Facilities within the Petroleum Bulk Storage (PBS) that have aboveground storage tanks. Aboveground petroleum storage facilities with a combined storage capacity over eleven hundred (1,100) gallons. This list is made available by New York State Department of Environmental conservation's Petroleum Bulk Storage (PBS) program.

Government Publication Date: Jun 26, 2019

Delisted Storage Tanks: DELISTED TANKS

List of Storage Tank sites which has been removed from New York Department of Environmental Conservation's Environmental Site Database.

Government Publication Date: Jun 26, 2019

Petroleum Bulk Storage: TANKS

The Bulk Storage Program Database maintains the registrations of active and inactive bulk storage sites statewide. This database includes Petroleum Bulk Storage (PBS) tanks where no information is available on whether they are ASTs or USTs. This list is made available by Department of Environmental Conservation's Petroleum Bulk Storage (PBS) program.

Government Publication Date: Jun 26, 2019

Chemical Bulk Storage (CBS): CBS

Facilities that store regulated hazardous substances in underground tanks . "Hazardous substance" means any substance listed as hazardous or acutely hazardous in 6 NYCRR Part 597 or a mixture thereof. This list is made available by Department of Environmental Conservation's Chemical Bulk Storage (CBS) Program.

Government Publication Date: Jun 26, 2019

Major Oil Storage Facilities (MOSF): MOSF

In 1977, the New York State Legislature passed the "Oil Spill Prevention, Control and Compensation Act" (Article 12 of the Navigation Law). This law regulates all oil terminals and transport vessels operating in the waters of the State which have a storage capacity of 400,000 gallons or more. (Terminals and vessels with a capacity of 400,000 gallons or more are commonly referred to as major oil storage facilities or MOSFs). This list is made available by Department of Environmental Conservation's Major Oil Storage Facility (MOSF) Program.

Government Publication Date: Jun 26, 2019

Registry of Engineering Controls in New York State: ENG

Registry of Engineering Controls in New York State taken from the Environmental Site Remediation Database.

Government Publication Date: May 28, 2019

Registry of Institutional Controls in New York State: INST

Registry of Institutional Controls in New York State taken from the Environmental Site Remediation Database.

Government Publication Date: May 28, 2019

Voluntary Cleanup Agreements: VCP

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites. This list is made available by Department of Environmental Conservation's Voluntary Cleanup Program.

Government Publication Date: May 28, 2019

Environmental Restoration Program Listing: ERP

Environmental Restoration Program - Provides municipalities with financial assistance for site investigation and remediation at eligible brownfield sites. In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (Bond Act). Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. This list is made available by Department of Environmental Conservation's Environmental Restoration Program.

Government Publication Date: May 28, 2019

Brownfields Site List (Subset of Site Remediation): BROWNFIELDS

Brownfield Cleanup Program was developed to enhance private-sector cleanups of brownfields and to reduce development pressure on "Greenfields". A Brownfield site is real property, the redevelopment or reuse of which may be complicated by the presence or potential presence of a contaminant. Contaminants include hazardous waste and/or petroleum. This list is made available by Department of Environmental Conservation's Brownfield Cleanup Program.

Government Publication Date: May 28, 2019

Tribal

Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands: INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 2, which includes New York and New Jersey. There are no LUST records in New York at this time.

Government Publication Date: Jan 28, 2016

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

USTs on Tribal/Indian Lands in Region 2, which includes New York and New Jersey.

Government Publication Date: Apr 04, 2016

Delisted Tribal Leaking Storage Tanks: DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

Delisted Tribal Underground Storage Tanks: DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

County

Cortland County Storage Tanks: CORTLAND TANKS

Listing of aboveground and underground storage tanks in Cortland County. *NYSDEC does not maintain the PBS registration records for this county.

Government Publication Date: Jun 4, 2019

Nassau County Storage Tanks: NASSAU TANKS

Listing of aboveground and underground storage tanks in Nassau County. This database does not include tanks of gasoline, diesel and kerosene. *NYSDEC does not maintain the PBS registration records for this county.

Government Publication Date: Apr 30, 2017

Rockland Storage Tanks: ROCKLAND TANKS

Listing of aboveground and underground storage tanks in Rockland County. *NYSDEC does not maintain the PBS registration records for this county.

Government Publication Date: Feb 2, 2017

Suffolk Storage Tanks: SUFFOLK TANKS

Listing of aboveground and underground storage tanks in Suffolk County. *NYSDEC does not maintain the PBS registration records for this county.

Government Publication Date: Jun 28, 2018

Westchester Storage Tanks: WSTCHST TANKS

Listing of aboveground and underground storage tanks in Westchester County.
*NYSDEC does not maintain the PBS registration records for this county.
Government Publication Date: May 10, 2019

Delisted County Records: DELISTED COUNTY

Records removed from county databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.
Government Publication Date: May 10, 2019

Additional Environmental Record Sources

Federal

PFOA/PFOS Contaminated Sites: PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).
Government Publication Date: Nov 15, 2018

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.
Government Publication Date: Apr 23, 2019

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.
Government Publication Date: Dec 31, 2017

Perfluorinated Alkyl Substances (PFAS) Releases: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.
Government Publication Date: Dec 31, 2017

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.
Government Publication Date: Jan 8, 2019

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.
Government Publication Date: Jul 18, 2018

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).
Government Publication Date: Jun 30, 2017

Hist TSCA: HIST TSCA
The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.
Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN
An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.
Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP
An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.
Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP
Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.
Government Publication Date: Jun 11, 2019

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER
The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.
Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS
The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.
Government Publication Date: Nov 18, 2016

Drycleaner Facilities: FED DRYCLEANERS
A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.
Government Publication Date: May 29, 2018

Delisted Drycleaner Facilities: DELISTED FED DRY
List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).
Government Publication Date: May 29, 2018

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Oct 23, 2018

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: Nov 1, 2018

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: May 3, 2019

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Jun 26, 2019

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Sep 1, 2018

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Mar 20, 2019

State

Manufactured Gas Plants: MGP

A list of former Manufactured Gas Plants (MGP) made available by the New York Department of Environmental Conservation (NYSDEC). From the late 1800's to the mid 1900's, hundreds of manufactured gas plants across New York State supplied homes and industry with fuel. Former MGP structures such as gas holders, tar separators, wells, and tanks were often susceptible to spills and leaks. As a result, these structures were a significant source of contamination from the release of tar and other toxic by-products.

Government Publication Date: Jul 19, 2019

Spill Incidents Database: NY SPILLS

Spill Incidents Database has records dating back to 1978. This database contains records of chemical and petroleum spill incidents. The DEC Spill Response program receives and compiles reports of hazardous material spills occurring anywhere in New York State. These reports are submitted through the Spill Hotline and other mechanisms, and entered by DEC spill response staff into the state's official data base of Spill Incidents Reports. This list is made available by New York State Department of Environmental Conservation's Spill Response Program.

Government Publication Date: Aug 21, 2019

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

A list of sites surveyed by the New York Department of Environmental Conservation to determine locations that manufacture, use, store, or release into the environment materials containing Per- and Polyfluoroalkyl Substances (PFAS). Per- and Polyfluoroalkyl Substances (PFAS) are a group of chemicals used to make fluoropolymer coatings and products that resist heat, oil, stains, grease, and water. Some PFAS are difficult to break down and persist in the environment that may cause harm to the public. This list is made available by the Department of Environmental Conservation of New York State.

Government Publication Date: Jan 16, 2019

Registed Dry Cleaner Facilities: DRYCLEANERS

The Division of Air Resources of the Department of Environmental Conservation (DEC) tracks all registered dry cleaner facilities.

Government Publication Date: May 2, 2019

Delisted Dry Cleaner Facilities: DELISTED DRYCLEANERS

Sites removed from the list of dry cleaner facilities registered with the Department of Environmental Conservation (DEC)'s Division of Air Resources.

Government Publication Date: May 2, 2019

Hazardous Waste Manifest - Facilities: NY MANIFEST

List of facilities located in New York that are included in the Hazardous Waste Manifest Data Downloads Location Address data file made available by the New York Department of Environmental Conservation (DEC), with which no manifests are associated. The Hazardous Waste Manifest Data made available by the NY DEC is compiled from hazardous waste manifest shipments to, from, or within New York State. The Bureau of Program Management, in the Division of Environmental Remediation, is responsible for maintaining hazardous waste manifest records.

Government Publication Date: Jan 14, 2019

Receivers from Hazardous Waste Manifests: REC MANIFEST

List of receiver facilities located in New York that are included in the Hazardous Waste Manifest Data Downloads Location Address data file made available by the New York Department of Environmental Conservation (DEC), which are identified as a receiver in associated manifests. The Hazardous Waste Manifest Data made available by the NY DEC is compiled from hazardous waste manifest shipments to, from, or within New York State. The Bureau of Program Management, in the Division of Environmental Remediation, is responsible for maintaining hazardous waste manifest records. Hazardous Waste Code Descriptions are from NY Part 371.4 (6 CRR-NY 371.4) Identification and Listings of Hazardous Waste, unless otherwise noted.

Government Publication Date: Jan 14, 2019

Generators from Hazardous Waste Manifests: GEN MANIFEST

List of generator facilities located in New York that are included in the Hazardous Waste Manifest Data Downloads Location Address data file made available by the New York Department of Environmental Conservation (DEC), which are identified as a generator in associated manifests. The Hazardous Waste Manifest Data made available by the NY DEC is compiled from hazardous waste manifest shipments to, from, or within New York State. The Bureau of Program Management, in the Division of Environmental Remediation, is responsible for maintaining hazardous waste manifest records. Hazardous Waste Code Descriptions are from NY Part 371.4 (6 CRR-NY 371.4) Identification and Listings of Hazardous Waste, unless otherwise noted.

Government Publication Date: Jan 14, 2019

Tier 2 Report: TIER 2

A list of Tier 2 facilities in the state of New York. This is a list of facilities which have reported hazardous substances provided by Homeland Security and Emergency Services.

Government Publication Date: Jan 28, 2019

Tribal

No Tribal additional environmental record sources available for this State.

County

New York City E-Designated Sites: E DESIGNATION

List of sites with an E-Designation - a NYC zoning map designation that indicates the presence of an environmental requirement pertaining to potential hazardous materials contamination, window/wall noise attenuation, or air quality impacts on a particular tax lot. The New York City Office of Environmental Remediation administers the E-Designation Environmental Review Program to avoid significant adverse impacts to human health or the environment through exposure to these hazards.

Government Publication Date: Mar 27, 2019

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX C-2: Regulatory Records - General Public Records

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0012366

SPILL NAME: Spill Number 0012366 **DEC LEAD:** OKWUOHA

SPILL DATE: 02/17/2001 **SPILL TIME:** 3:30 pm

CALL RECEIVED DATE: 02/17/2001 **RECEIVED TIME:** 3:46 pm

SPILL LOCATION

PLACE: Spill Number 0012366 **COUNTY:** Kings

STREET: RIVER ST & NORTH 1ST ST **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Human Error **SPILL REPORTED BY:** Local Agency

FACILITY TYPE: Unknown **WATERBODY:**

CALLER REMARKS:

dep recieved call that an unk company is removing tanks from the

above location - caller stated the tanks contain diesel and sulfuric acid and are lined with aesbestos -

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
diesel	Petroleum	0 G	0 G	Soil,
sulfuric acid	Hazardous Material	0 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
UNK COMPANY	ZZ	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 02/13/2003 **MEETS STANDARDS:** False

Created On: 02/17/2001

Date Printed: 9/3/2019 Last Updated: 02/13/2003

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0211678

SPILL NAME: VAULT 4048 **DEC LEAD:** JHOCONNE

SPILL DATE: 02/25/2003 **SPILL TIME:** 1:55 am

CALL RECEIVED DATE: 02/25/2003 **RECEIVED TIME:** 2:39 am

SPILL LOCATION

PLACE: VAULT 4048 **COUNTY:** Kings

STREET: RIVER ST/METROPOLITAN AV **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: ANDREW MORRIS **CONTACT PHONE:** (212) 580-6763

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Institutional, Educational, Gov., Other **WATERBODY:**

CALLER REMARKS:

con edison 147277. contained to volt. transformer in vault. 50-499 ppm clean up. historic records 6 ppm pcb's.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
transformer oil	Petroleum	300 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON EDISON	4 IRVING PLACE NEW YORK NY 10003	(212) 580-6763

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis no. 147-277:

2/25/03 - 0155

FOD REPORTS FINDING APPROX 300 GALS OF DIELECTRIC FLUID ON 300 GALS OF WATER IN V4048 (FEEDER 6B4 SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO SEWER CONNECTIONS. UNIT PRESSURE TESTED & SAMPLED 11/7/02 - IT HELD PRESSURE AND THE COUNT CAME BACK AS 6 PPM (LSN # 02-10563). PCB SAMPLE TAKEN.

UPDATE: 2/25/03 - 0300

Created On: 02/25/2003

Date Printed: 9/3/2019 Last Updated: 09/29/2003

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0211678

SPILL NAME: VAULT 4048 **DEC LEAD:** JHOCONNE

BQE WILL NOTIFIED AT 0600 TO SEND A CREW TO LOC TO PRESSURE TEST

TRANSF.

UPDATE: 2/25/03 - 0355

RON JAMES TOOK MEASUREMENT OF OIL IN STRUCTURE. NEW ESTIMATE IS 75 GALS OF OIL IN STRUCTURE.

2/25/03 07:47 HRS. -- LAB SEQ 03-01547-001, OIL GRAB: 9 PPM, AROCLOR 1260.

-- W.W. #17344 --

UPDATE: 2/25/03 - 1145

G. PALLADINO - O.S. - BQE, REPORTS TRANSFORMER PRESSURE TESTED AND FAILED. TRANSFORMER TO BE REPLACED. INITIAL CLEANUP IN

PROGRESS. TJ - 50495

UPDATE: 2/25/03 - 1230

C. FERNANDEZ - O.S. - ENV. OPS., REPORTS STRUCTURE SAMPLED FOR OIL I.D. & FLASHPOINT. CLEANUP ON HOLD PENDING RESULTS. TJ - 50495

13:25 -- C. FERNANDEZ REPORTS CHAIN OF CUSTODY FORM # CC-16334.

2/25/03 16:22 HRS. -- LAB SEQ 03-01565-001, OIL & WATER GRAB: "ANALYSIS INDICATES THE PRESENCE OF A SUBSTANCE SIMILAR TO

DIELECTRIC FLUID." -- W.W. #17344 --

2/25/03 18:21 HRS. -- LAB SEQ 03-01566-001, OIL & WATER GRAB: FLASHPOINT >140 DEG. F.

UPDATE 2-26-03 1715 HRS OS A. WALKER FLUSH DEPT REPORTS TWO TANKER WERE FULL UP FROM STRUCTUR LIQUID , THIRD

TANKER ON LOCATION STRUCTURE MAKES WATER. CLEANUP STILL IN PROGRESS. LAZ # 04425

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0211678

SPILL NAME: VAULT 4048 **DEC LEAD:** JHOCONNE

2/26/03=1935HRS A.WALKER O.S.REPORTS ALL LIQUIDS REMOVED FROM STRUCTURE .

INITIAL CLEANUP DONE. STRUCTURE MAKES WATER.

STRUCTURE DOULBED WASHED USING BIO-GEN.

NETWORK MEET AT 2300HRS TO DRAIN V4048.

UPDATE: 2/27/03 - 0130

V. DINEEN - BQE, REPORTS TRANSFORMER DRAINED BY ASTORIA TANKER. TAG REMAINS PENDING TRANSFORMER REMOVAL. TJ - 50495

UPDATE 2-28-03 0930 HRS G. PALADINO OS NETWORK REPORTS TRANSF HOLDS APPROX 410 GALLONS OIL. LAZ 04425

UPDATE 5/5/03 1530 HRS THIS INCIDENT IS NOW TIED INTO 5/5/03 INCIDENT 148227

(V 1433, V 1856, V 2597) E.VESCE

UPDATE 6-17-03 1400 HRS H. TRINIDAD MECH "A" FLUSH DEPT REPORTS CLEANUP IS COMPLETED. HE DOUBLE WASH STRUCTURE

WITH BIO-JEN 760. THEY REMOVED ALL LIQUIDS WITH UNDER 50 PPM TANKER. ALL SOLID WERE REMOVED WITH HIS VACTOR. HE

FOUND NO SUMP. HE CEMENTED 2 WEEP HOLES. HE REMOVED E.S.TAG # 29637. TRANSF WAS REMOVED. INCIDENT IS CLOSED. LAZ #

04425

PIN **T & A** **COST CENTER**

CLASS: C3 **CLOSE DATE:** 09/26/2003 **MEETS STANDARDS:** False

Created On: 02/25/2003

Date Printed: 9/3/2019 Last Updated: 09/29/2003

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0913214

SPILL NAME: NORTH FIRST SUB STATION **DEC LEAD:** HRAHMED

SPILL DATE: 03/17/2010 **SPILL TIME:** 7:48 am

CALL RECEIVED DATE: 03/17/2010 **RECEIVED TIME:** 9:47 am

SPILL LOCATION

PLACE: NORTH FIRST SUB STATION **COUNTY:** Kings

STREET: 214 KENT AVE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: ERT **CONTACT PHONE:** (212) 580-8383

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:
clean up pending/repairs underway

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
feeder oil	Petroleum	0 G		Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON ED	NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

03/17/10-HRAHMED- Spoke to ConEd ERT Desk. As per the them, they were repairing a sink hole and found some oil in it. Clean up was done.

This case is closed.

5/21/10 - Austin -Contained and cleaned up by Con Edison - see eDocs for further info - spill closed - end

PIN **T & A** **COST CENTER**

CLASS: **CLOSE DATE:** 03/17/2010 **MEETS STANDARDS:** False

Created On: 03/17/2010

Date Printed: 9/3/2019 Last Updated: 05/21/2010

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 1112968

SPILL NAME: SHEEN TO SOIL **DEC LEAD:** LXZIELIN

SPILL DATE: 02/13/2012 **SPILL TIME:** 11:00 am

CALL RECEIVED DATE: 02/13/2012 **RECEIVED TIME:** 11:50 am

SPILL LOCATION

PLACE: SHEEN TO SOIL **COUNTY:** Kings

STREET: NORTH 1ST ST AND RIVER ST **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: ERT **CONTACT PHONE:** (212) 580-8383

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:
unk sheen found in soil, investigation pending

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
unknown petroleum	Petroleum			Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON ED	NORTH 1ST ST AND RIVER ST BROOKLYN NY	ERT (212) 580-8383

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

03-01-12 - LZ

Spoke with Sarah Phelan of Con-Ed; a report will be sent to summarize all findings in Complexes A and B of the property.

07-24-12 - lz

Based on review of the June 2012 site investigation report (eDocs for MOSF 2-1480), the spill case has been closed.

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 07/24/2012 **MEETS STANDARDS:** False

Created On: 02/13/2012

Date Printed: 9/3/2019 Last Updated: 07/24/2012

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 1113073

SPILL NAME: NORTH 1ST ST FUEL OIL TERMINAL **DEC LEAD:** LXZIELIN

SPILL DATE: 02/16/2012 **SPILL TIME:** 8:15 am

CALL RECEIVED DATE: 02/16/2012 **RECEIVED TIME:** 9:22 am

SPILL LOCATION

PLACE: NORTH 1ST ST FUEL OIL TERMINAL **COUNTY:** Kings

STREET: NORTH 1ST ST AND RIVER RD **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: ERT **CONTACT PHONE:** (212) 580-8383

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

1/2 gallon unknown material mixed with 1/2 gallon ground water - cleanup pending investigation

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
unknown material	Other	1 G		Soil,
unknown material	Other	1 G		GW,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
UNKNOWN	NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

03/01/11 - LZ

Closed, a duplicate of 1112991.

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 03/01/2012 **MEETS STANDARDS:** False

Created On: 02/16/2012

Date Printed: 9/3/2019 Last Updated: 03/01/2012

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 1200752

SPILL NAME: LINE FAILURE **DEC LEAD:** RWAUSTIN

SPILL DATE: 04/24/2012 **SPILL TIME:** 7:40 am

CALL RECEIVED DATE: 04/24/2012 **RECEIVED TIME:** 8:16 am

SPILL LOCATION

PLACE: LINE FAILURE **COUNTY:** Kings

STREET: 87 RIVER ST/ METRO AVE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: ERT **CONTACT PHONE:** 2125808383

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:
onto grass only, c/u complete

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
hydraulic oil	Petroleum	0 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
DEMCO CONTRACTING	87 RIVER ST/ METRO AVE BROOKLYN NY	ERT 2125808383

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

04/24/12- Zhune spoke to Liza Lunkshides from Con-Ed ERT.She said hydraulic oil went onto soil. Spill has been cleaned up

6/15/12 - Austin - The hydraulic demolition sheers on a piece of contractor's construction equipment had a 1 quart hydraulic o leak from a hose - Con Ed contained and cleaned up the spill, and contractor took care of hose - See eDocs files for further information - Spill closed - end

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 06/15/2012 **MEETS STANDARDS:** False

Created On: 04/24/2012

Date Printed: 9/3/2019 Last Updated: 06/15/2012

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 1703788

SPILL NAME: FACILITY **DEC LEAD:** RWAUSTIN

SPILL DATE: 07/18/2017 **SPILL TIME:** 1:40 pm

CALL RECEIVED DATE: 07/18/2017 **RECEIVED TIME:** 1:56 pm

SPILL LOCATION

PLACE: FACILITY **COUNTY:** Kings

STREET: 87 RIVER ST **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: TONY DELGADO **CONTACT PHONE:** (212) 580-8383

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

spill during pipe removal. about 8 ounces spill to soil, clean up complete

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#6 fuel oil	Petroleum	0 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON ED	NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

07/19/17-Hiralkumar Patel. approx. 8 oz. of #6 oil spilled onto bluestone in Con Ed facility during removal of piping. contaminated soil and bluestone were removed.

9/11/17 - Austin - Con Ed contained and cleaned up all the contaminated soil, and removed the pipe - See document files for further information - Spill closed - end

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 09/11/2017 **MEETS STANDARDS:** False

Created On: 07/18/2017

Date Printed: 9/3/2019 Last Updated: 09/11/2017

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9004154

SPILL NAME: NORTH 1ST ST TERMINAL **DEC LEAD:** TOMASELLO

SPILL DATE: 07/15/1990 **SPILL TIME:** 11:15 am

CALL RECEIVED DATE: 07/15/1990 **RECEIVED TIME:** 12:48 pm

SPILL LOCATION

PLACE: NORTH 1ST ST TERMINAL **COUNTY:** Kings

STREET: NORTH 1ST ST & KENT AVE **TOWN/CITY:** New York City

COMMUNITY: NEW YORK CITY

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Human Error **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:
FILLING TANK, MISGAUGED & CAUSED OVERFILL, AAA TO CLEAN UP, CONTAINED WITH ABSORBENTS.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#6 fuel oil	Petroleum	420 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON ED	NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

PIN **T & A** **COST CENTER**

CLASS: **CLOSE DATE:** 07/15/1990 **MEETS STANDARDS:** True

Created On: 07/24/1990

Date Printed: 9/3/2019 Last Updated: 09/30/2004

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9007240

SPILL NAME: NORTH 1ST/KENT AVE. **DEC LEAD:** JHOCONNE

SPILL DATE: 10/02/1990 **SPILL TIME:** 10:00 am

CALL RECEIVED DATE: 10/02/1990 **RECEIVED TIME:** 11:03 am

SPILL LOCATION

PLACE: NORTH 1ST/KENT AVE. **COUNTY:** Kings

STREET: NORTH 1ST ST & KENT AVE **TOWN/CITY:** New York City

COMMUNITY: NEW YORK CITY

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Affected Persons

FACILITY TYPE: Vessel **WATERBODY:** EAST RIVER

CALLER REMARKS:

BARGE OFFLOADING, FUEL LEAKED FROM HOSE & WENT INTO RIVER.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#6 fuel oil	Petroleum	15 G	0 G	SW,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
BOUCHARD BARGE #115	ZZ	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

PIN **T & A** **COST CENTER**

CLASS: B2 **CLOSE DATE:** 06/07/1995 **MEETS STANDARDS:** True

Created On: 10/10/1990

Date Printed: 9/3/2019 Last Updated: 04/09/2003

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9009234

SPILL NAME: N 1ST ST & KENT AV/CON ED **DEC LEAD:** SIGONA

SPILL DATE: 11/24/1990 **SPILL TIME:** 7:15 am

CALL RECEIVED DATE: 11/24/1990 **RECEIVED TIME:** 9:24 am

SPILL LOCATION

PLACE: N 1ST ST & KENT AV/CON ED **COUNTY:** Kings

STREET: NORTH 1ST ST & KENT AVE **TOWN/CITY:** New York City

COMMUNITY: NEW YORK CITY

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Tank Overfill **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Major Facility (MOSF) > 400,000 gal **WATERBODY:**

CALLER REMARKS:

TANK OVERFILLED, AAA ON SCENE,NYCFD ON SCENE, TANK FARM B, TANK 600 TRANSFERRING TO 10K UST BOILER FEED TANK, ALARM WENT OFF BUT VALVE WASNOT CLOSED TO TANK CAUSING OVERFILL OF ~400 GALLONS.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#6 fuel oil	Petroleum	400 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON ED	NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

PIN **T & A** **COST CENTER**

CLASS: **CLOSE DATE:** 11/24/1990 **MEETS STANDARDS:** True

Created On: 11/28/1990

Date Printed: 9/3/2019 Last Updated: 04/18/1991

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9509439

SPILL NAME: NORTH 1ST ST TERMINAL **DEC LEAD:** JHOCONNE

SPILL DATE: 10/30/1995 **SPILL TIME:** 5:05 pm

CALL RECEIVED DATE: 10/30/1995 **RECEIVED TIME:** 6:18 pm

SPILL LOCATION

PLACE: NORTH 1ST ST TERMINAL **COUNTY:** Kings

STREET: N FIRST ST & KENT AV **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: MR DEVOTI **CONTACT PHONE:** (212) 580-6763

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:
MOAT HAS ALL PRODUCT CONTAINED - BEGINING RECOVERY AT THIS TIME

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#6 fuel oil	Petroleum	50 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON EDISON	4 IRVING PLACE MANHATTAN NY 10003	RICHARD ROACH (212) 580-6764

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

7/27/04: Con Ed submitted copy of "NOTIFICATION FOR FUEL OIL SPILLS (NOT INVOLVING A PIPELINE):, which states: "LEAK DEVELOPED APPROX 12" FROM BOTTOM OF FUEL OIL TANK #500. IN MOAT; MAGNETIC PATCH SUPPLIED E FIRE DEPT WAS APPLIED & LEAK RATE REDUCED. BARGE ARRANGED TO UNLOAD TANK. VENDOR (MILLER ENV. GROUP) MOBILIZED. TANK CONTAINS 3.6 MILLION GALLONS OF #6 HIGH-POUR OIL."

Also submitted copy of internal Con Ed memo, which states: "STATUS OF THE INCIDENT: Contained and cleaned." No information given on repairs.

5/12/08: Spill submitted for closure by Con Ed with following information: "According to records reviewed Tank #500 along wit the other 5 Fuel Oil Storage Tanks were drained and cleaned certified Gas Free and placed Out of Service as of July 22, 199 Monthly inspections of the exterior tanks have not revealed any oil spillage up to and including the inspection on October 28, 2005." Close. (JHO)

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9509439

SPILL NAME: NORTH 1ST ST TERMINAL **DEC LEAD:** JHOCONNE

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 05/12/2008 **MEETS STANDARDS:** False

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9509444

SPILL NAME: NORTH 1ST AND KENT AVE **DEC LEAD:** JHOCONNE

SPILL DATE: 10/30/1995 **SPILL TIME:** 8:17 pm

CALL RECEIVED DATE: 10/30/1995 **RECEIVED TIME:** 8:20 pm

SPILL LOCATION

PLACE: NORTH 1ST AND KENT AVE **COUNTY:** Kings

STREET: NORTH 1ST & KENT AVE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: SAME **CONTACT PHONE:**

CONT. FACTOR: Traffic Accident **SPILL REPORTED BY:** Police Department

FACILITY TYPE: Tank Truck **WATERBODY:**

CALLER REMARKS:
HOLE IN TANK TRUCK THE SIZE OF A QUARTER FROM ACCIDENT

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
unknown petroleum	Petroleum	50 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON EDISON	NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

PIN **T & A** **COST CENTER**

CLASS: C3 **CLOSE DATE:** 06/15/2006 **MEETS STANDARDS:** False

Created On: 10/30/1995

Date Printed: 9/3/2019 Last Updated: 06/15/2006

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9604977

SPILL NAME: CON ED FUEL DEPOT **DEC LEAD:** JHOCONNE

SPILL DATE: 07/15/1996 **SPILL TIME:** 9:00 am

CALL RECEIVED DATE: 07/17/1996 **RECEIVED TIME:** 10:26 am

SPILL LOCATION

PLACE: CON ED FUEL DEPOT **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: LISA PRIMEGGIA **CONTACT PHONE:** (212) 580-6763

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Affected Persons

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

soil samples were taken and the above were in the sample caller beliaves it is coming from the paint factory next door

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
PCB oil	Petroleum	0 G	0 G	Soil,
lead	Hazardous Material	0 G	0 G	Soil,
toluol	Hazardous Material	0 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
PAINT FACTORY	UNKNOWN ZZ	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Sees spill # 9910798.

PIN **T & A** **COST CENTER**

CLASS: C3 **CLOSE DATE:** 07/10/2003 **MEETS STANDARDS:** False

Created On: 07/17/1996

Date Printed: 9/3/2019 Last Updated: 07/10/2003

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0102881

SPILL NAME: NORTH 1ST STREET AND **DEC LEAD:** JHOCONNE

SPILL DATE: 06/14/2001 **SPILL TIME:** 9:30 am

CALL RECEIVED DATE: 06/14/2001 **RECEIVED TIME:** 9:53 pm

SPILL LOCATION

PLACE: NORTH 1ST STREET AND **COUNTY:** Kings

STREET: NORTH 1ST ST $ RIVER **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: N/A **CONTACT PHONE:**

CONT. FACTOR: Other **SPILL REPORTED BY:** Citizen

FACILITY TYPE: Commercial/Industrial **WATERBODY:** EAST RIVER

CALLER REMARKS:

KEYSPAN WAS DOING WORK ON A GAS MAIN AND HE STATES THEY SPILLED AN

OILY SUBSTANCE INTO THE RIVER.HE STATES KEYSPAN WAITED FOR THE COAST GUARD TO LEAVE AND THE THEY DUMPED THE MATERIAL INTO

THE RIVER

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
other	Other	0 G	0 G	SW,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
KEYSPAN ENERGY	NY -	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
inspection of area revealed no evidence of any discharge

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 06/15/2001 **MEETS STANDARDS:** False

Created On: 06/14/2001

Date Printed: 9/3/2019 Last Updated: 11/25/2002

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0103037

SPILL NAME: CON ED-N 1ST ST TERMINAL **DEC LEAD:** KMFOLEY

SPILL DATE: 06/19/2001 **SPILL TIME:** 7:30 am

CALL RECEIVED DATE: 06/19/2001 **RECEIVED TIME:** 11:13 am

SPILL LOCATION

PLACE: CON ED-N 1ST ST TERMINAL **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Abandoned Drums **SPILL REPORTED BY:** Other

FACILITY TYPE: Unknown **WATERBODY:**

CALLER REMARKS:

CALLER REPORTING FINDING 10 (55 GAL) DRUMS ABANDON NEXT TO CON ED 2 OF THE DRUMS ARE MARKED MONTORING WELL 1,4,6 AND 2 DRUMS LABELED RIVER ST NON-HAZARDOUS WASTE AND THE REMAINING 6 A UNLABELED NO SPILLAGE

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
unknown material	Other	550 G	550 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
Unknown	UNKNOWN UNKNOWN NY	UNKNOWN

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
DEC INSPECTOR'S NOTES

6-19-01

Update from ERT Mike Kessler: FYN paint is moving drums inside their property. Spoke with Dan Buzea. He stated that drum are being moved inside by FYN Paint- Analysis is back, he will fax. Ioana & Shaminder have been working with him.

6-20-01

Checked to see if drums were removed, drums were not on street.

PIN **T & A** **COST CENTER**

Created On: 06/19/2001

Date Printed: 9/3/2019 Last Updated: 11/25/2002

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0103037

SPILL NAME: CON ED-N 1ST ST TERMINAL **DEC LEAD:** KMFOLEY

CLASS: C3 **CLOSE DATE:** 06/20/2001 **MEETS STANDARDS:** False

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0411925

SPILL NAME: KENT AVE YARD **DEC LEAD:** JHOCONNE

SPILL DATE: 02/08/2005 **SPILL TIME:** 10:45 am

CALL RECEIVED DATE: 02/08/2005 **RECEIVED TIME:** 11:51 am

SPILL LOCATION

PLACE: KENT AVE YARD **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: ERT DESK **CONTACT PHONE:** (212) 580-8383

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Unknown **WATERBODY:**

CALLER REMARKS:

REMEDIATION PROJECT: NUMBER 7 FUEL LINE OIL REMOVAL: NO WATER INVOLVED AND NO TO 5 QUESTIONS
CONED # 157121

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
unknown petroleum	Petroleum	50 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
KENT AVE YARD	214 KENT AVE BROOKLYN NY	ERT DESK (212) 580-8383

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

2/8/05, 3:43 PM - e-mail from Matthew Madsen, Con Ed project manager:
"Remember that 'spill' we talked about this morning at Kent and Metropolitan? Well, as it turns out, what they were looking at was foam glass insulation (the typical configuration for the pipeline inside to out is pipe, coal tar, expanded foam glass insulation, and then a canvass wrap as an outer layer). During pre-work test pitting and sampling, all of these layers have be sampled in the past. The foam glass and canvas are non-ACM and have not turned up any hazardous constituents (the pore space in the foam glass does contain hydrogen sulfides, so there is an odor when you cut or crush the stuff). Any way you slice it, there is no oil spill/release at this location." Close out. (JHO)

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e2mis no. 157121:

08-FEB-2005 10:45 HRS.
CONSTRUCTION MGMT.DEPT. CH.CONSTRUCTION INSPECTOR J.RUIZ EMP# 50415 REPORTS: WHILE ON LOCATIC FOR REMOVAL OF A OIL PIPE LINE (KENT AVE PROJECT) FOUND APPROX. 50 GAL'S OF UNKNOWN OIL ON SOIL IN TRENCH. NO WATER. OWNER OF SUBSTANCES IS UNKNOWN. MR. RUIZ MADE NOTIFICATION TO EH&S REMEDIATION MATHEW MADSEN, WHO WAS GOING TO CONTACT THE DEP.
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NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0411925

SPILL NAME: KENT AVE YARD **DEC LEAD:** JHOCONNE

UPDATE 08-FEB-2005 11:50 HRS.
MR.J.RUIZ REPORTS: THE NAME OF THE PROJECT IS THE #7 FUEL OIL LINE REMOVAL PROJECT AND IT IS UNDEF THE CONTROL OF EH&S REMEDIATION.

UPDATE 08-FEB-2005 13:55 HRS.
ERT W.CAPUNE EMP# 85485 REPORTS: ARRIVED ON LOCATION 12:15 HRS. AFTER INVESTIGATION OF EXCAVATI(FOUND SUBSTANCE TO BE FOAM GLASS. AS PER A CONVERSATION WITH EHS S.M.E. ANDREA SCHMITZ TO DISCUSS INCIDENT: THERE IS NO REASON TO BELIEVE THE FOAM CONTAINS ASBESTOS BUT WILL SAMPLE ANYWAY.

PIN **T & A** **COST CENTER**

CLASS: **CLOSE DATE:** 02/08/2005 **MEETS STANDARDS:** False

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 1110602

SPILL NAME: TANK FARM **DEC LEAD:** RWAUSTIN

SPILL DATE: 11/29/2011 **SPILL TIME:** 1:35 pm

CALL RECEIVED DATE: 11/29/2011 **RECEIVED TIME:** 2:38 pm

SPILL LOCATION

PLACE: TANK FARM **COUNTY:** Kings

STREET: 105 RIVER ST **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: ERT **CONTACT PHONE:** (212) 580-8383

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

cleanup pending - all contained in moat -

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
other	Other	2 G		

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON ED	NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

8/23/12 - Austin - As the result of a tank and structural demolition project at the former North 1st St. oil terminal (former MOSF facility) approx. 27 gals of petrolatum and other petroleum substances was discovered underneath said tanks over a period of time - Con Ed contained and cleaned up the spill - see eDocs for further information - Spill closed - end

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 08/23/2012 **MEETS STANDARDS:** False

Created On: 11/29/2011

Date Printed: 9/3/2019 Last Updated: 08/23/2012

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 1112991

SPILL NAME: NORTH FIRST STREET FUEL OIL TERMINAL **DEC LEAD:** LXZIELIN

SPILL DATE: 02/13/2012 **SPILL TIME:** 11:00 am

CALL RECEIVED DATE: 02/13/2012 **RECEIVED TIME:** 11:05 am

SPILL LOCATION

PLACE: NORTH FIRST STREET FUEL OIL TERMINAL **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

MOSF 2-1480 **COMMUNITY:** BROOKLYN

CONTACT: SARAH PHELAN **CONTACT PHONE:** (718) 204-4262

CONT. FACTOR: Other **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Major Facility (MOSF) > 400,000 gal **WATERBODY:**

CALLER REMARKS:

During excavation at the eastern edge of the Complex B site, soil with visible sheen encountered at a pit.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

03-01-12 - LZ

This spill has been conslidated with spill 1112968.

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 03/01/2012 **MEETS STANDARDS:** False

Created On: 02/14/2012

Date Printed: 9/3/2019 Last Updated: 03/01/2012

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9007596

SPILL NAME: NORTH 1ST ST TERMINAL **DEC LEAD:** LXZIELIN

SPILL DATE: 10/10/1990 **SPILL TIME:** 9:00 am

CALL RECEIVED DATE: 10/10/1990 **RECEIVED TIME:** 1:00 pm

SPILL LOCATION

PLACE: NORTH 1ST ST TERMINAL **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Other

FACILITY TYPE: Major Facility (MOSF) > 400,000 gal **WATERBODY:**

CALLER REMARKS:

TANK AREA A HOLDING COMPARTMENTS 100, 200 & 300, 132,000 BARRELS, 51,000 BARRELS & 132,000 BARRELS WERE DISCOVERED TO BE LEAKING 4 MONTHS AGO, OIL LEAKED INTO DIKED AREA.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#6 fuel oil	Petroleum	15,000 G	0 G	GW,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

09/06/12 - LZ

Based on review of the June 2012 site investigation report (eDocs for MOSF 2-1480), this spill case has been closed.

09/22/09 - LZ
In his e-mail,dated 09/22/09, Richard Lund of ConEdison writes:
"DEC 9007596 is an open Con Edison spill that is under the control of Corporate EH&S Remediation. This incident is known to Jake Krimgold and was sent to me as one of the Con Edison open spills to investigate as part of a NYSDEC-Con Edison open spill reconciliation project that he and I are working on."

09/18/09 - LZ
The spill case reassigned to Leszek Zielinski.

Created On: 10/30/1990

Date Printed: 9/3/2019 Last Updated: 09/06/2012

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9007596

SPILL NAME: NORTH 1ST ST TERMINAL **DEC LEAD:** LXZIELIN

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
10/10/90: CON EDISON HAS INITIATED BIDS TO CLEAN UP OIL IN DIKE & INSPECT THE LEAKING TANK, APPROXIMATELY 6 INCHES OF PRODUCT REMAINS IN ALL THREE COMPARTMENTS.

11/15/94: REASSIGNED FROM SIGONA TO ENGELHARDT ON 11/15/94.

PIN **T & A** **COST CENTER**

CLASS: A3 **CLOSE DATE:** 09/06/2012 **MEETS STANDARDS:** False

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9412417

SPILL NAME: NORTH FIRST STREET **DEC LEAD:** CAENGELH

SPILL DATE: 12/16/1994 **SPILL TIME:** 6:00 am

CALL RECEIVED DATE: 12/16/1994 **RECEIVED TIME:** 9:21 am

SPILL LOCATION

PLACE: NORTH FIRST STREET **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:
LEAK RATE < 1 QUART PER MINUTE, GASKET LEAKING ON TANK.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#6 fuel oil	Petroleum	200 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON EDISON	4 IRVING PLACE NEW YORK NY	(212) 460-4600

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGLEHARDT"
Leak on tanks that were just refurbished. Have had product in the tanks for a week. Leak is contained in the steel moat. They are transferring oil out to relieve head pressure so that flange can be repaired.

7/16/04: Con Ed submitted copy of notification letter to NYCDEP, which contains following information:

Miller Environmental Group performed clean up operations, which included vacumming up the spill, and then washing and wi residual materials. Tanks have since been taken out of service. Close out. (JHO)

PIN **T & A** **COST CENTER**

CLASS: C3 **CLOSE DATE:** 07/16/2004 **MEETS STANDARDS:** False

Created On: 02/16/1995

Date Printed: 9/3/2019 Last Updated: 07/16/2004

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9412429

SPILL NAME: CON EDISON BUILDING **DEC LEAD:** JMKRIMGO

SPILL DATE: 12/16/1994 **SPILL TIME:** 6:00 am

CALL RECEIVED DATE: 12/16/1994 **RECEIVED TIME:** 10:28 am

SPILL LOCATION

PLACE: CON EDISON BUILDING **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Federal Government

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

KENT OFF 1ST STREET -FO NOTIFIED, CONTAINED CLEAN UP, CONTRACTOR 25 PERCENT NOW CLEANING UP. REFER TO SPILL NO. 9412417

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#6 fuel oil	Petroleum	200 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON EDISON	214 KENT AVENUE BROOKLYN NY	(212) 580-6763

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

PIN **T & A** **COST CENTER**

CLASS: C3 **CLOSE DATE:** 11/14/2008 **MEETS STANDARDS:** False

Created On: 02/16/1995

Date Printed: 9/3/2019 Last Updated: 04/21/2009

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9606882

SPILL NAME: CON ED FUEL OIL FACILITY **DEC LEAD:** JHOCONNE

SPILL DATE: 08/29/1996 **SPILL TIME:** 8:25 am

CALL RECEIVED DATE: 08/29/1996 **RECEIVED TIME:** 11:33 am

SPILL LOCATION

PLACE: CON ED FUEL OIL FACILITY **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

loose flange on fitting - blacktop only - to be completely cleaned up by 14:00

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#6 fuel oil	Petroleum	3 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON EDISON	4 IRVING PLACE MANHATTAN NY 10003	TIM SOILCH (212) 580-6764

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Update 12/12/05

Original report stated that spill was caused by a loose flange on fitting; spill was onto blacktop only; cleanup was expected to be completed by 2:00 PM the same day.

No evidence of spill was seen during inspection on 11/17/04. (SKA)

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 12/12/2005 **MEETS STANDARDS:** False

Created On: 08/29/1996

Date Printed: 9/3/2019 Last Updated: 12/12/2005

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9611792

SPILL NAME: NORTH 1ST ST TERMINAL **DEC LEAD:** JHOCONNE

SPILL DATE: 12/30/1996 **SPILL TIME:** 2:30 am

CALL RECEIVED DATE: 12/30/1996 **RECEIVED TIME:** 3:04 am

SPILL LOCATION

PLACE: NORTH 1ST ST TERMINAL **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: FRANK MISCONE **CONTACT PHONE:** (718) 706-2753

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Non Major Facility > 1,100 gal **WATERBODY:**

CALLER REMARKS:

SEAL ON NUMBER 1 FUEL OIL PUMP FAILED - APPROX 10 GALS OF #6 FUEL

OIL LEAKED ONTO CONCRETE - SPILL BEING CLEANED UP

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#6 fuel oil	Petroleum	10 G	10 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON EDISON	128 WEST END AVENUE NEW YORK NY 10023	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

5/12/08: Spill submitted for closure by Con Ed with following information: "All Pumps and boiler have been retired and have n been in service since 1999. No oil spillage was noted during a thorough cleanup of a melted rubber containment material arou these pumps was completed in June 24, 2002 by Vendor Allstate PowerVac. There is no evidence of oil spillage during the recent Inspection on October 28, 2005." Close. (JHO)

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 05/12/2008 **MEETS STANDARDS:** False

Created On: 12/30/1996

Date Printed: 9/3/2019 Last Updated: 05/12/2008

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9812775

SPILL NAME: NORTH 1ST ST FUEL DEPOT **DEC LEAD:** JMKRIMGO

SPILL DATE: 01/17/1999 **SPILL TIME:** 7:35 pm

CALL RECEIVED DATE: 01/17/1999 **RECEIVED TIME:** 9:19 pm

SPILL LOCATION

PLACE: NORTH 1ST ST FUEL DEPOT **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: RICHARD ROACH **CONTACT PHONE:** (212) 580-6764

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Commercial Vehicle **WATERBODY:**

CALLER REMARKS:

SPILL CAUSED BY A HOSE LEAK FROM A VACCUMM TRUCK.CON ED CLEAN UP CRERWS ARE ON SITE TO CLEA UP. CON ED 122491.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#6 fuel oil	Petroleum	2 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON ED	4 IRVING PLACE MANHATTAN NY 10003	CALLER (212) 580-6763
TRANSCANADA POWER	38-54 VERNON BLVD LONG ISLAND CITY NY 1110	KEN YAEGER (917) 952-3603

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

09/22/09 - LZ
The spill case is closed - see a report from ConEdison in eDocs.

09/18/09 - LZ
The spill case reassigned to Leszek Zielinski.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

PIN **T & A** **COST CENTER**

Created On: 01/17/1999

Date Printed: 9/3/2019 Last Updated: 10/15/2009

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9812775

SPILL NAME: NORTH 1ST ST FUEL DEPOT **DEC LEAD:** JMKRIMGO

CLASS: C3 **CLOSE DATE:** 09/22/2009 **MEETS STANDARDS:** False

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9910708

SPILL NAME: NORTH 1ST ST TERMINAL **DEC LEAD:** JHOCONNE

SPILL DATE: 12/08/1999 **SPILL TIME:** 11:30 am

CALL RECEIVED DATE: 12/08/1999 **RECEIVED TIME:** 1:46 pm

SPILL LOCATION

PLACE: NORTH 1ST ST TERMINAL **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: RICHARD ROACH **CONTACT PHONE:** (212) 580-6763

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

LEAKED FROM A AIR COMPRESSOR - CLEANUP IS IN PROGRESS

REF #129235

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
diesel	Petroleum	0 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON ED	ZZ	(212) 580-6763

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

e2mis no. 129235:

P. Tokarz #97651 08-DEC-1999 1315 hours - At 1300 hours Robert Epps notified P. tokarz of sheen found in excavation at North 1st Street. Mr. Manfre was called and reported that the excavation (est. 2'x2'x5') had a sheen on the rainwater. Mr. Mar said the sheen was from a diesel Air Compreessor used to dig the hole. He stated that the rainwater washed the fuel from the air compressor to the excavation. The Air Compressor was removed and the excavation was emptied of the oily water by Vendor (LMS).

08-DEC-1999 phone message from Joe Manfre stating that cleanup completed at 13:55 hours

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 11/12/2004 **MEETS STANDARDS:** False

Created On: 12/08/1999

Date Printed: 9/3/2019 Last Updated: 11/12/2004

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9910798

SPILL NAME: NORTH 1ST ST TERMINAL **DEC LEAD:** IXMUNTEA

SPILL DATE: 12/10/1999 **SPILL TIME:** 11:40 am

CALL RECEIVED DATE: 12/10/1999 **RECEIVED TIME:** 2:02 pm

SPILL LOCATION

PLACE: NORTH 1ST ST TERMINAL **COUNTY:** Kings

STREET: 214 KENT AVENUE **TOWN/CITY:** New York City

COMMUNITY: BROOKLYN

CONTACT: RICHARD ROACH **CONTACT PHONE:** (212) 580-6763

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Local Agency

FACILITY TYPE: Unknown **WATERBODY:**

CALLER REMARKS:

unk cause caused spill of some type of solvent - soil will be asessed as to how it will be cleaned up. - is unsure as of yet as to how it will be cleaned up.

con ed #129261

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
solvents	Other	0 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CON EDISON	4 IRVING PLACE NEW YORK NY	RICHARD ROACH (212) 580-6763

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MUNTEANU"
12/10/99 During phase 2 environmental assessment test pit #2 soil sample indicated strong smell (xylene or solvent product). Test pit is in the parking lot next to a paint factory. A previous report (spill #9604977) was submitted on July 15, 1996 of samples taken within 30 ft of test pit 2.

Samples of test pit #2 were taken for analysis by LMS Engineers.

7/10/03: spill related to Fyn Paint Inc. facility. This is a voluntary site managed by Ioana Munteanu (DER HWR). (JHO)

PIN **T & A** **COST CENTER**

Created On: 12/10/1999

Date Printed: 9/3/2019 Last Updated: 07/10/2003

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9910798

SPILL NAME: NORTH 1ST ST TERMINAL **DEC LEAD:** IXMUNTEA

CLASS: C3 **CLOSE DATE:** **MEETS STANDARDS:** False

OIL, TOXIC, or HAZARDOUS SUBSTANCE

(Including PCB's and Asbestos)

Mailgram Tracking Sheet

Date of incident: 10,30,95 Form number: #1053/95

Location of incident: North 1ST St Terminal

Type of hazardous substance:

Oil: _____ Oil W/PCB's: _____ Fuel Oil: ✓

Asbestos: _____ Others: _____

FAX TO

NYSDEC 1-800.457-7362

✓ 1 718 482-4954
Mr. Chris Engelhardt
Environmental Engineer
Regional Office 2
47-40 21st St.
Long Island City, NY 11101

___ 1 914 255-2987
Mr. Peter M. Doshna, P.E.
Associated Sanitary Engineer
Regional Office 3
21 South Putt Corners Rd.
New Paltz, NY 12561

Mailgrams required Yes _____ No _____ 1-800.325-6000

	Message Conformation Number	Received Conformation Copy
U.S. EPA 1-908.548-8730	999	____
2890 Woodbridge Ave., Edison, NJ 08837		
Westchester Dept. of Health 1-914.593-5100	999	____
County Office Building, 19 Bradhurst Ave., Hawthorne, NY 10532		
NYS Dept. of Labor 1-518.457-1255	999	____
Mr. Robert Perez, Division of Safety & Health, Asbestos Control Program, State Office Campus Building #12, Room 454, Albany, NY 11240		
NYCFD Bureau of Fire Prevention	999	____

____ Pipelines 1-718.694-2502 ____ Bulk Oil Storage 1-718.694-2554

Deputy Chief Inspector, Bureau of Fire Prevention
250 Livingston St., NY 11201-5884

NOTIFICATION FOR FUEL OIL SPILLS (NOT INVOLVING A PIPELINE)

SOP 05-19-0 ATTACHMENT 1

1053/95

DATE: 10/30/95
TIME: 19:42:43

REPORT NO. 37

DATE: 10/30/95 TIME: 17:05:00

TIME RECEIVED BY CIG: 17:35:00

REPORTED BY: JIM GOODHEART
DEPT/DIV: FOSSIL POWER

PHONE: (718) 384-4034

LOCATION OF
SPILL/FIRE: NORTH 1st ST OIL TERMINAL
214 KENT AVE; BROOKLYN

TYPE OF SPILL/FILE AND CAUSE: LEAK DEVELOPED APPROX 12" FROM BOTTOM OF FUEL OIL TANK #500.

ESTIMATED AMOUNT OF SPILL: 25-50 GALLONS AT TIME OF REPORT

CONTAINMENT (DESCRIPTION): IN MOAT; MAGNETIC PATCH SUPPLIED BY FIRE DEPT WAS APPLIED & LEAK RATE REDUCED. BARGE ARRANGED TO UNLOAD TANK.

CONTACT WITH WATERWAY: NONE
SEWER: NONE

EXPECTED TIME OF CLEANUP: UNKNOWN; VENDOR (MILLER ENV. GROUP) MOBILIZED.

FIELD TEST MADE: No

SPECIAL INSTRUCTIONS (IF ANY): PER ENV AFFAIRS NOTIFY: DEC; FD BULK OIL; FD OPER.; PI; AUDIT; & VP-FOSSIL POWER.

CIG INFO. SUPERVISOR: DEVOTI Joseph Devoti

DATE: 10/30/95

CIG SUPERVISOR:

DATE: / /

Barge Master - Wickbolt @ 1747
Fuel Dept - O'Sullivan @ 1752
VP-Fossil Power - Denkin @ 1756
Audit - Ventura @ 1900
Budnick @ 1821
Schwarz @ 1840
Bozzo @ 1833
Tank Contains 87,000 bbls (3,600,000 gals) #6 high pour oil.
Per Wickbolt at 1824 hrs. Barge being mobilized to unload oil from tank.
Bulk Oil - Sciuranza - @ 0857

NOTIFICATION FOR FUEL OIL SPILLS (NOT INVOLVING A PIPELINE)

SOP 05-19-0 ATTACHMENT 1

DATE: 10/30/95
TIME: 19:42:43 REPORT NO. 37

DATE: 10/30/95 TIME: 17:05:00 TIME RECEIVED BY CIG: 17:35:00

REPORTED BY: JIM GOODHEART PHONE: (718) 384-4034
DEPT/DIV: FOSSIL POWER

LOCATION OF
SPILL/FIRE: NORTH 1st ST OIL TERMINAL
214 KENT AVE; BROOKLYN

TYPE OF SPILL/FILE AND CAUSE: LEAK DEVELOPED APPROX 12" FROM BOTTOM OF FUEL OIL TANK #500.

ESTIMATED AMOUNT OF SPILL: 25-50 GALLONS AT TIME OF REPORT #6 FO

CONTAINMENT (DESCRIPTION): IN MOAT; MAGNETIC PATCH SUPPLIED BY FIRE DEPT WAS APPLIED & LEAK RATE REDUCED. BARGE ARRANGED TO UNLOAD TANK.

CONTACT WITH WATERWAY: NONE
SEWER: NONE

EXPECTED TIME OF CLEANUP: UNKNOWN; VENDOR (MILLER ENV. GROUP) MOBILIZED.

FIELD TEST MADE: No

SPECIAL INSTRUCTIONS (IF ANY): PER ENV AFFAIRS NOTIFY: DEC; FD BULK OIL; FD OPER.; PI; AUDIT; & VP-FOSSIL POWER.

CIG INFO. SUPERVISOR: DEVOTI DATE: 10/30/95
CIG SUPERVISOR: DATE: / /

#33 Section 3

SPILL NOTIFICATION AND AGENCY INQUIRY FORM
(Oil, PCBS, Hazardous Substances, Asbestos)
Record of Telephone Conversations
Environmental Affairs

DATE: 10/30/95 TIME: 1802
Company Notification ( ) or Agency Inquiry ( )
CIG (X) Other ( ) Name:
Name: Devoti

Organization: Agency/Organization:
Telephone: Telephone:
(CIG: 212-580-6763)

INCIDENT DESCRIPTION:
Location: North 1st St. Depot Fuel oil tank #100

Time of Incident: 1705 Time Reported to CIG: 1735
Individual/Organization Reporting to CIG: Fossil Power, Jim Goodheart
Phone No.: 718-384-4034
Type of Spill: Fuel oil
Amount of Spill: 25 gal (on frig)
Cause and Description of Incident: ½" hole on tank (~1' from tank bottom)
Containment(Description): All contained inside mound

Agencies at Site: Fire Dept. ~~EPA~~

INCIDENT IMPACT :
Enter waterway: No:(X) Yes:( ) Waterway: Quantity:
Enter Sewer/Catchbasin: No:(X) Yes:( ) Unknown:( ) Quantity:
Remarks:

Affected Areas/Property/People/Injuries (Identify what was affected and extent):
Persons Affected:
Injuries:
Buildings Impacted:
Cars Impacted (plates nos):
Other Impacted Areas(Street, sidewalk, grass, trees):
Estimated Street & Sidewalk Area Affected:

CLEANUP & SITE CONTACT:
Cleanup Status(action taken and projected completion): to be cleaned up by MEG
Field Crew at Site: No: ( ) Yes: ( )
Contact Name: Telephone:
Incident Contact: (i.e, No. 9; if different than reporting org/indiv)
Name:
Organization: Telephone:

SPILL NOTIFCATION AND AGENCY INQUIRY FORM
(Continued)

REGULATED SUBSTANCE DATA:
PCB DATA:
Concentration Available:
No: (X) Yes: ( ) Concentration:_____ Date:_____
Sample Taken: No: (X) Yes: ( )
When: _____ Where:_____
Equipment Marked: No: ( ) Yes: ( )
Type Marking (PCB label, manufacturers label):_____
Vault ( ) or Pole ( ) No.: _____
Transformer Data: Serial No:_____ Size(KV/KVA):_____
Manufacturer:_____ Class:_____

ASBESTOS DATA:
Confirmed ( ) or Suspected ( ):
Explain(samples results, Company information): _____
_____

NOTIFICATIONS:

External		Internal
( ) NRC	( ) West Cty DOH	(X) PI
( ) USEPA Region II	( ) ISC	(X) Auditing
(X) NYSDEC	( ) PSC	( ) Law
( ) NYCDEP Hazmat/Cen. Com	( ) Other	( ) IH
( ) NYCPD		( ) Chem Lav
( ) NYCFD Marine Div		( ) Photo
( ) NYCFD Pipelines		( ) Transformer Shop
(X) NYCFD Operations Boro		(X) Other

Others: Fossil Power VP, FDNY bulk oil
_____

ADDITIONAL COMMENTS AND UPDATES: Spoke with Dom Degeorgio & John Musso & were informed that police dept and emergency people were also at the site. Told by Degeorgio that DEP DEC EPA were not there. Fire Dept just applied magnatic patch to tank to slow down leak. Later remove patch & apply self tapping screw to reduce leak to drip.
_____
_____
_____

Copy to: RTK(all) VdP(all) LCP(asbestos, dielectric) BHC(PCBs)
WWM ALU/ADM BIO File E4.04(all); Dielectric:_____
Asbestos:_____ Fuel Oil:_____ Transformers:_____

Con Edison
Ravenswood Generating Station
Consolidated Edison Company of New York, Inc.
38-54 Vernon Blvd., Long Island City, N. Y. 11101

December 19, 1995

To: **Mr. Charles Durkin**
Vice President

From: **Mr. John Mucci**
Plant Manager
Ravenswood Station

Subject: Oil Spill Incident 10/30/95-

Following are details on a spill of approximately 25 gallons of #6 low sulphur fuel oil into the containment of Tank 500 at the North First Street Fuel Oil Facility

1) **DESCRIPTION OF THE INCIDENT:**
Contractor was water washing outside of Tank No. 500. At 17:05 the contractor reported to the North 1st Operator that a leak developed on Tank No. 500. Inspection of the tank revealed a ¼" hole about a foot from the bottom on the north east side.

2) **CONTAINMENT AND CLEANUP MEASURES:**
C.I.G was notified that there is a leak that is contained in the moat of Tank 500 and that approx. 25 gallons had spilled.

3) **PREVENTIVE MEASURES:**
Reevaluate the procedures for tank cleaning

4) **STATUS OF THE INCIDENT: Contained and cleaned**

5) **VISITORS ON THE SITE: Local Police, EMS, Local Fire Dept.,& Fire Dept. Hazwoper Unit, DEP, U.S.C.G, Miller Enviro., Allstate Power Vac., and Con Edison personnel.**

6) **CIG NOTIFICATION:**
The CIG (Devoti) was notified at 17:30 hours on Oct. 30, 1995

cc: **E..Scott**
R. Keegan
E. Schwarz

Fenley & Nicol Environmental Inc.

"SOLUTIONS AT WORK" ®

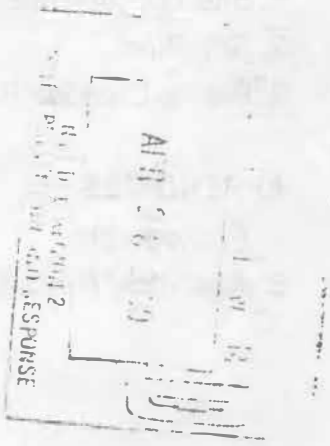
445 Brook Avenue, Deer Park, NY 11729 (516) 586-4900 • NYC (718) 204-4993 FAX (516) 586-4920

Tank Closure Report
Fyn Paint & Lacquer Co., Inc.
33 North 1st Street
Brooklyn, NY 11211

Prepared For: Mr. Dan Rof
RGJ Contracting co., Inc.
35-56 9th Street
Long Island City, New York 11106

Prepared By: Fenley and Nicol Environmental
445 Brook Avenue
Deer Park, NY 11729

Date: March 23,1999



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FIGURES

1. Site Location Map
2. Site Plan
3. Boring Location Plan

APPENDICES

A. Photographs
B. Analytical Results

1.0 INTRODUCTION

Fenley and Nicol Environmental, Inc. (F&N) has been retained by Mr. Dan Rof of RGJ Contracting Co. (RGJ), Inc. to perform the documentation and closure of three 550-gallon, ten 1,080 gallon and one 1,500-gallon steel underground storage tanks at the Fyn Paint & Lacquer Co., Inc (Fyn Paint) facility, located at 33 North 1st Street, Brooklyn, New York *(hereafter referred to as "the site")*. Figure 1 provides a Site Location Map.

The site is registered with the New York State Department of Environmental Conservation (NYSDEC) as a Chemical Bulk Storage Facility (Facility ID# 2-000151). These tanks were utilized for the storage and mixing of chemicals utilized in the production of paints and thinners. It should be noted at this time that the site is a warehouse facility, and has a different street address then the main office of Fyn Paint. The official address of Fyn Paint is 229 Kent Avenue, Brooklyn, New York.

This closure report documents the removal and disposal of the above referenced tanks. This report has been prepared following guidelines set forth by the NYSDEC and the United States Environmental Protection Agency (USEPA).

1.1 Regulatory Requirements

Under the United States EPA Underground Storage Tank (UST) regulations (40 CFR, Part 280), an owner or operator, who is closing an underground tank storing a regulated substance, must inspect the site for leaks and spills and identify any soil or groundwater contamination. A regulated substance, as defined by 40 CFR, Part 280, includes all hazardous materials and petroleum products, except heating oil if used for on-site consumption.

If gasoline contamination is suspected, then the soil/water samples should be analyzed for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX), and Methyl Tertiary Butyl Ether (MTBE), using EPA Methods 8020/602 respectively. If the

tank contained petroleum products other than gasoline, then soil samples should be analyzed for semi-volatile compounds, using EPA Methods 8270 and 8021.

Prior to the abandonment of the tanks, F&N was informed by Mr. Rof that he had notified the Petroleum Bulk Storage (PBS) unit of the NYSDEC regarding the abandonment.

F&N also contacted the NYSDEC regarding the tank abandonment. F&N was informed by Mr. Joe O'Connell that the NYSDEC does not have any guidelines or standards regarding the abandonment of chemical bulk storage tanks. Mr. O'Connell contacted Mr. Nick Kolak, the head of the Chemical Bulk Storage unit at the NYSDEC main office in Albany, regarding this situation. Mr. Kolak informed Mr. O'Connell that the supervision and handling of these tank abandonments would be determined by the local NYSDEC office on a case by case basis. Mr. O'Connell informed F&N that, at this time it had not been decided which unit or department in the NYSDEC Region 2 office (covering New York City) would be responsible for this type of tank abandonment. This information was obtained in a telephone conversation with Mr. O'Connell on January 28, 1999. Mr. O'Connell stated that he would inform F&N when a decision regarding this matter had been reached. As of this report, F&N had not received this information.

F&N also discussed testing parameters with Mr. O'Connell. Since authority within the NYSDEC regarding these tank abandonments had not been decided, Mr. O'Connell could not instruct F&N on which testing methods to use. However, Mr. O'Connell agreed with F&N's decision to utilized EPA Method 8260.

1.2 Regional Geology and Hydrogeologic Characteristics

The site is located in western Brooklyn, in the extreme western portion of Long Island. The site topography is essentially level and on-site surface elevation is

approximately 25 feet above mean sea level (U.S.G.S. Topographic Map, **Brooklyn** Quadrangle, 1979).

Long Island consists of a wedge-shaped mass of unconsolidated deposits which overlie ancient basement rock. The thickness of these deposits ranges from approximately 100 feet on the Island's north shore, to approximately 2,000 feet in some portions of the south shore. These deposits contain ground water which is the sole source of drinking water for some of the Island's 3.1 million residents.

The major landforms of Long Island of importance to the hydrologic system are the moraines and outwash plains, which originated from glacial activity. The moraines, which represent the farthest extent of the glacial advances, consist of till, a poorly sorted mixture of sand, silt, clay, gravel, and boulders. The till deposits are poorly to moderately permeable in most areas. The outwash plains lie to the south of the moraines. The plains were formed by the action of meltwater streams which eroded the headland material of the moraines, and laid down deposits of well-sorted sands, silts, and gravels. These deposits are moderately to highly permeable.

On-site lithology consists of Recent, Pleistocene, and Upper Cretaceous glacial deposits. The uppermost hydrogeologic unit is termed the Upper Glacial Aquifer. This aquifer encompasses the moraine and outwash deposits, in addition to some localized lacustrine, marine and reworked materials. The outwash plain portion of this unit is characterized by high horizontal hydraulic conductivity, however vertical hydraulic conductivity tends to be considerably less. Because the water table is located in the Upper Glacial deposits, this aquifer has been subjected to the degradation of water quality in many areas due to industrial activity.

Below the Upper Glacial aquifer lies the Raritan Formation. This formation consists of an upper unit and a lower unit. The upper unit, the Raritan Confining Unit, consists of layers of solid to silty clays with few lenses and layers of sands. The deposits are typically poorly to very poorly permeable.

Depth to groundwater at the subject site is approximately 20 to 25 feet below grade. The regional groundwater flow direction, as determined from the map of Water Table Altitude in Kings & Queens Counties, printed by the United States Geological Survey (USGS) (March, 1997), is to the west.

1.3 Site Description

The subject property is the square block bounded by Kent Avenue, Metropolitan Avenue, North 1st Street and River Street, in the Northside section of the Borough of Brooklyn, New York. The East River is located approximately 500 feet to the west of the site. The Willamsburg Bridge is located approximately 1,500 feet to the south. A Partial Site Plan is presented as **Figure 2**.

The site is occupied by a single story masonry building, with a partial loft, utilized for light industrial purposes. The building contains a small partial basement housing an aboveground oil tank and an oil burner. A concrete sidewalk surrounds the building. Fyn Paint produces paints and thinners for various applications. Some of the chemicals utilized are stored in underground storage tanks while other chemicals are stored in aboveground storage tanks or in 55-gallon drums.

Mr. Bill Feinstein, President, and Mr. Howard Simka, the chemist, of Fyn Paint, informed F&N that a total of eight underground storage tanks (USTs) were present at the site. Three 550-gallon USTs, identified as tanks 1 through 3, were located beneath the concrete floor of the western portion of the building. USTs #1 & 2 were utilized for the storage of methanol. UST #3 was utilized for the storage of varnish makers and painters naptha (VM&P). One 1,500-gallon UST and four 1,080-gallon USTs and were located beneath the concrete floor in the eastern portion of the building. According to Mr. Simka, the 1,500-gallon UST, which was identified as UST #4, was utilized for the mixing and dispensing of finished products. The 1,080 USTs, identified as USTs #5, #6, #7 and #8, were utilized, respectively, for the bulk storage of lacquer thinner, toluene or xylene, lacquer thinner and toluene.

2.0 WORK PERFORMED

Prior to the commencement of the tank abandonment, the proper permits were obtained by RGJ Contracting. RGJ also notified the NYSDEC Petroleum Bulk Storage Unit prior to the commencement of the work.

2.1 Tank Excavations

On January 13, 1999, a F&N crew, with the proper equipment, was on-site to begin the tank removal. Work was performed at the site over the course of the next two weeks (January 13, 14, 19, 20, 22, 25, 26, 27 and 28) to locate, excavate and access the tanks. A F&N geologist inspected the progress at the site on the January 14 and 25 to oversee and document the tank removal operation. There were no representatives of any regulatory agency present.

The first area excavated was the eastern floor of the building. Four overhead suction lines, associated with the tanks, entered the floor in the northern portion of the building. Five vent lines were identified exiting the concrete floor in the northeast corner of the building. These lines were followed until the USTs were encountered. Due to the inaccessibility of the area, a small bobcat-mounted hydraulic hammer and jackhammers were used to break-up the concrete floor. The soils covering the tanks were then removed by hand.

As the excavation was performed, the soils removed were stockpiled for later inspection by an F&N geologist for evidence of contamination. The soils exhibited olfactory evidence of contamination. A sample of these soils was taken for confirmatory laboratory analysis.

The tops of the storage tanks in the eastern area were encountered approximately 24 inches below grade. The tanks were discovered to be encased in concrete. After the tanks were uncovered any product remaining in them was removed by RGJ. The remaining chemical vapors were then removed by F&N utilizing dry ice. The tanks were then accessed utilizing the proper

equipment. Any remaining sludge and residue was then removed and the tanks were then wiped clean. After the tanks were cleaned they were filled with concrete. RGJ then temporarily filled the remainder of the excavation with the stockpiled contaminated soil and covered it with a thin coat of concrete. This was necessary to provide access to the rest of the building.

The western portion of the building was then excavated in the same manner as the western area. Three suction lines were identified in the southeastern portion of the building. These lines were followed until the tanks were encountered. The soils removed from the tank pit did not contain any olfactory evidence of contamination, and field screening with the PID did not indicate the presence of VOCs. The soil was stockpiled for later re-use as backfill. A total of three 550-gallon tanks, positioned end to end, were unearthed in the western portion of the building. The tops of the tanks were encountered approximately four feet below grade. These tanks were not encased in concrete, but were separated from each other by a masonry wall.

After the tanks were uncovered any product remaining in them was removed by RGJ. The remaining chemical vapors were then removed by F&N utilizing dry ice. The tanks were then accessed utilizing the proper equipment. Any remaining sludge and residue was then removed and the tanks were then wiped clean. After the tanks were cleaned they were backfilled with the stockpiled soil. RGJ then filled the remainder of the excavation with concrete.

After the tanks were abandoned, the suction lines and their associated dispensers were either removed or disabled with concrete. For the most part, the suction lines ran aboveground. However, in the immediate areas of the tanks they were located below grade. All fill lines were also disabled with concrete.

A total of five 55-gallon drums of sludge was generated during the tank clean-out. These drums are currently stockpiled at the site awaiting for disposal. At the time of this report, Mr. Feinstein had not decided whether to utilize F&N's

services to dispose of the drums, or to dispose of them himself. It should be noted that Fyn Paint is a registered small quantity generator (USEPA ID# NYUD001270867).

3.0 SOIL BORINGS

The soil borings were performed at the site on February 9 & 10, 1999, utilizing Geoprobe sampling methods. The soil samples were obtained with a Geoprobe large bore sampler. This sampler is a discreet depth sampler which can be utilized to obtain samples from exact depths with no fall back. A clean acetate liner was installed in the sampler before the collection of each sample. The sampler was installed utilizing either a truck mounted percussion hammer or a portable had-held percussion hammer.

Borings B-1 and B-2 were installed to the east and west, respectively, of the eastern tank area. Both of these borings were installed utilizing the truck mounted percussion hammer. Five other attempts were made to install borings to the north and south of the eastern tank area. All of these attempts met with rejection at shallow depths either due to debris in the fill material or concrete associated with the tank installation. It should be noted that due to the limited access conditions in this portion of the site, the rejected borings could only be attempted utilizing the smaller, hand-held geoprobe equipment.

Borings B-3, B-4, B-5, B-6, B-7 and B-8 were installed around the perimeter of the western tank area. These borings were installed utilizing the hand-held geoprobe equipment. A Boring Location Plan is provided as Figure 3.

Both Borings B-1 and B-2 were sampled continuously between depths of 4 and 12 feet below grade. The sample intervals were two feet. The 4 - 6 foot sample from B-1 consisted of fill material, composed of sand and masonry rubble. This sample exhibited a strong odor of solvents. The samples collected from the 6-8, 8-10 and 10-12 foot intervals consisted of a brown silty sand. All three of these samples also exhibited an odor of solvents.

It is estimated that the bottom of the tanks in the western area are approximately ten feet below grade. Therefore, borings B-3 through B-8 were sampled between 11 and 14 feet below grade. The samples obtained from all six borings consisted of the brown silty sand encountered in B-1 and B-2. None of these samples exhibited any olfactory evidence of contamination.

3.1 Soil Screening

In addition to visual observations, all soil samples were screened in the field for volatile organic compounds (VOCs) with a Photoionization Detector (PID). The soil sample was transferred from the sampler to a plastic bag and sealed closed. The bag was the shaken gently to encourage volitization and allowed to stand for three minutes. The tip of the PID was then inserted into the bag and a reading obtained. The results of the field screening are presented in Table 1.

A review of Table 1 indicates that moderate levels of VOCs are present in all of the soil samples. The levels of VOCs in the samples from B-1 and B-2 were greater than the PID's maximum capability (1,999 ppm). The moderate levels of VOCs found in the samples from B-3 through B-8 could, in part, be due to background VOC levels. Background VOC levels at the site were found to range from 100 ppm (near the dispensers) to 15.7 ppm (near the doors of the building). Just the transfer of the soils from the sampler to the plastic bag exposed the

samples and the bags to the background VOCs. The transfer and field screening could not be conducted outside the building due to adverse weather conditions.

Table 1
VOC concentrations in soil samples
Fyn Paint & Lacquer, Brooklyn

Boring #	Sample Depth (feet)	VOC levels (ppm)	Boring #	Sample Depth	VOC levels (ppm)
B-1	6 - 8	>1,999	B-2	12 - 14	>1,999
B-1	8 - 10	>1,999	B-3	11 - 14	114.0
B-1	10 - 12	>1,999	B-4	11 - 14	8.9
B-1	12 - 14	>1,999	B-5	11 - 14	157.0
B-2	6 - 8	>1,999	B-6	11 - 14	114.0
B-2	8 - 10	>1,999	B-7	11 - 14	40.7
B-2	10 - 12	>1,999	B-8	11 - 14	65.7

* All readings in parts per million (ppm)

4.0 ANALYTICAL RESULTS

Selected samples from each boring were then transported to an outside laboratory and analyzed for VOCs according to EPA Method 8260. The 10 - 12 sample from B-1 was identified as "Composite #1". The 10 - 12 sample from B-2 was identified as "Composite #2". These samples are not true composite samples, but really are grab samples. However, the original sampling plan had called for the compositing of samples and the containers had been pre-labeled.

Given that only low concentrations of VOCs were detected by the PID in borings B-3 through B-8, it was decided that the compositing of these soil samples would be performed for the purpose of laboratory analysis. The samples from B-3 and B-5 were composited and identified as "Composite #3". Samples B-4 and B-7 were composited and identified as "Composite #4". The samples from B-6 and B-8 were composited and identified as "Composite #5".

In addition, the soil sample obtained from the eastern excavation was also analyzed for USEPA Method 8260. This sample was obtained from directly above the concrete covering the tanks, and was also located in the area of the feed lines for the tanks. This sample was identified as "pipe area".

The results of the EPA Method 8260 analysis are presented in Table 2. Table 2 presents only those compounds which were detected in the samples, and only those samples which exhibited any VOC contamination.

A review of Table 2 indicates that the soil samples obtained from the western tank area did not exhibit any VOC contamination. However, all three samples from the eastern area did exhibit detectable concentrations of VOCs. The soil sample from the pipe area exhibited extremely elevated concentrations of ethylbenzene, toluene and o & m/p xylenes. The concentrations of all four of these compounds greatly exceed their respective NYSDEC Cleanup Criteria. It is not known where the ethylbenzene originated from. Mr. Simka informed F&N that, to his knowledge, ethylbenzene has never been stored in the storage tanks, nor was it a constituent of any chemicals that were stored in the tanks. It is possible that ethylbenzene was a constituent of chemicals that were stored in drums at the site, and were mixed with other compounds in the mixing tank.

The soil sample from B-1 also exhibited elevated concentrations ethylbenzene, toluene, o & m/p xylenes, 2-butanone and acetone. The concentrations of the

first four compounds exceeded their respective NYSDEC Cleanup Criteria. There is no NYSDEC standard for 2-butanone or acetone, as found in STARS. However, the concentration of acetone in B-1 exceeded the NYSDEC nuisance concentration of 10,000 ppb. Detectable concentrations of isopropylbenzene, 1,3,5 trimethylbenzene and 1,2,4 trimethylbenzene were also present in this sample, but did not exceed their respective NYSDEC standards.

The sample from B-2 exhibited detectable concentrations of toluene, m/p xylene, 2-butanone, acetone and 4-methyl-2-pentanone. Only acetone exhibited a VOC concentration that exceeded its respective NYSDEC standard. Copies of the laboratory results are provided in Appendix B.

Table 2
Results of Soil Analysis, EPA Method 8260
Fyn Paint, Brooklyn, NY

Parameters	Comp. #1 (B-1)	Comp. #2 (B-2)	Pipe Area	DEC Cleanup Criteria
Ethylbenzene	150	ND	4,400,000	100
Toluene	160	7.3	2,800,000	100
o-xylene	480	ND	5,000,000	100
m/p xylene	1,000	11	17,000,000	100
Isopropylbenzene	11	ND	ND	100
1,3,5 Trimethylbenzene	11	ND	ND	100
1,2,4 Trimethylbenzene	8.3	ND	ND	100
2-Butanone	1,000	4,500	ND	NS
Acetone	780,000	190,000	ND	NS
4-methyl-2-pentanone	ND	29	ND	NS

All concentrations are in microgram per kilogram or ppb
ND: Non - detectable All Cleanup Criteria are from NYSDEC STARS Memorandum.

5.0 CONCLUSIONS

A total of three 550-gallon USTs, utilized for the storage of methanol and varnish maker's and painter's naptha (VM&P) were abandoned in place at the site. Also, one 1,500-gallon UST, utilized for mixing, and four 1,080-gallon USTs, utilized for the bulk storage of lacquer thinner, toluene and xylene, were also abandoned at the site. The tanks were accessed, cut open and cleaned by F&N. The tanks and the excavations were then filled with soil and concrete by RGJ.

The three 550-gallon tanks were located beneath the western portion of the building. Soil samples taken from the area of these tanks were analyzed according to EPA Method 8260. The results of these analysis indicated that no VOCs were present in any of the soil samples.

The four 1,080 gallon USTs and the 1,500 gallon UST were located beneath the floor of the eastern portion of the building. These tanks were encased in concrete. Steel piping servicing the tanks was located above the tanks. Soils in the area of these pipes exhibited a solvent odor. A soil sample taken from the pipe area was analyzed according to EPA Method 8260 and was found to contain extremely high concentrations of ethylbenzene (4,400,000 ppb), toluene (2,800,000 ppb), o-xylene (5,000,000 ppb) and m/p xylene (17,000,000 ppb).

Soil samples obtained from borings installed in the eastern tank area also exhibited detectable concentrations of ethylbenzene, toluene and xylenes. However, these concentrations were all 1,000 ppb or less. In addition, the soil samples from the two borings exhibited elevated concentrations of acetone (780,000 and 190,000 ppb).

Based on the above facts, it is F&N's conclusion that since high concentrations of toluene, xylene and ethylbenzene were present in the pipe area, which is located above the USTs, and that much lower concentrations of these chemicals were detected in the samples from the soil boring, the piping leading from the

dispensers or the fill pipes have leaked, and have contaminated the soils in the area of the eastern tank area.

It is also F&N's conclusion that the presence of acetone in the samples is probably due to the lacquer thinners utilized and stored at the site. Therefore, the elevated concentrations of acetone in the soil samples from B-1 and B-2 are indicators that one of the 1,080 gallon USTs storing lacquer thinner had leaked.

6.0 RECOMMENDATIONS

Based on the above stated facts, it is F&N's opinion the contaminated soil at the site does may constitute an environmental threat to the subject property or the groundwater at the site. Therefore, it is F&N's recommendations that the following steps be taken:

1) The site should be reported to the NYSDEC, if it has not already been done so, as a chemical spill.

2) A more comprehensive site assessment, including the installation of groundwater monitoring wells, should be performed at the site.

3) After the site assessment has been performed, the NYSDEC should be contacted regarding what, if any, remedial measures should be taken.

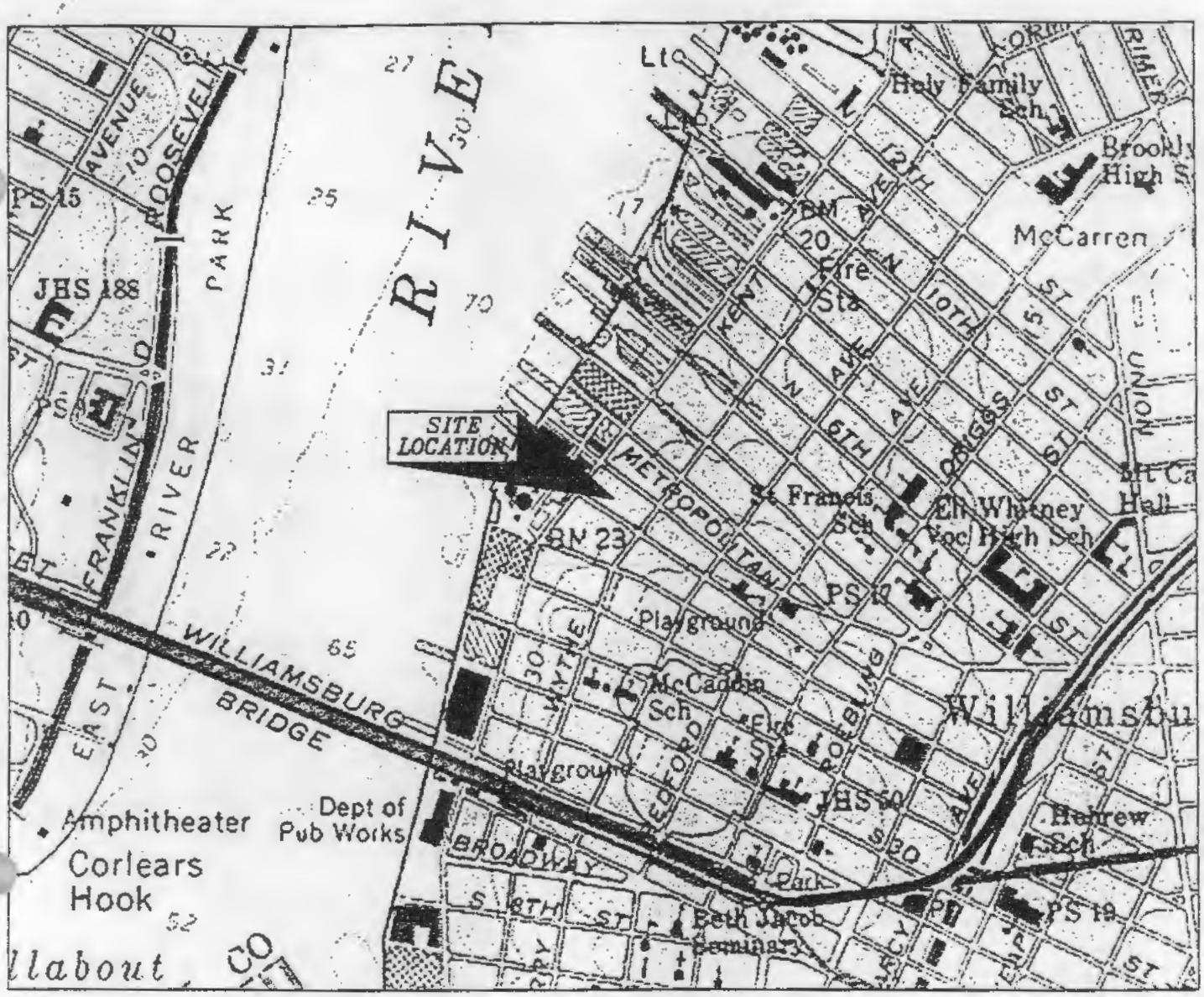


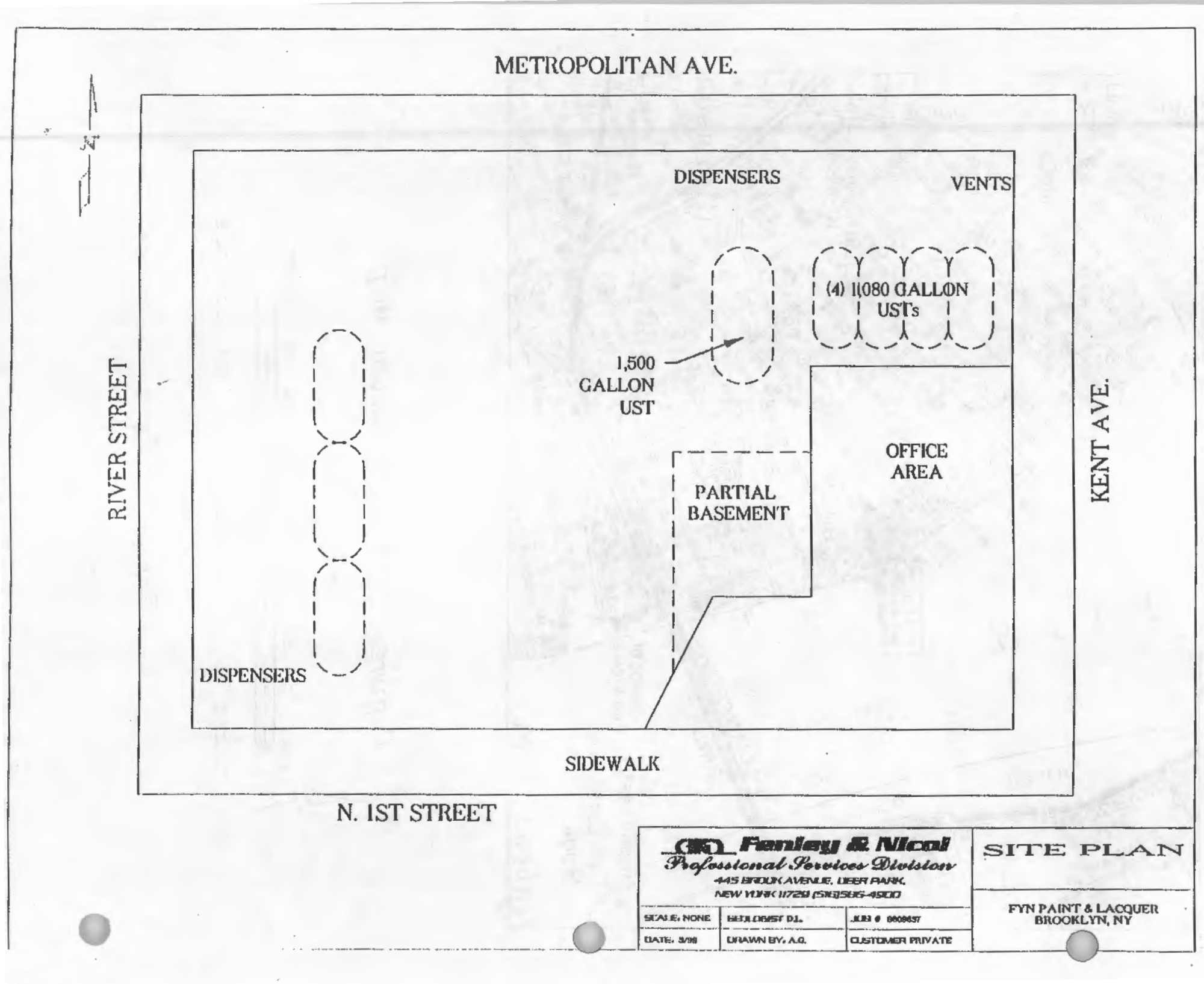
Figure 1 Site Location Map

SCALE 1:12000

500 0 500 1000 1500 2000 2500 3000 3500 FEET

Reproduced from USGS Brooklyn, New York Quadrangle

Fenley & Nicol

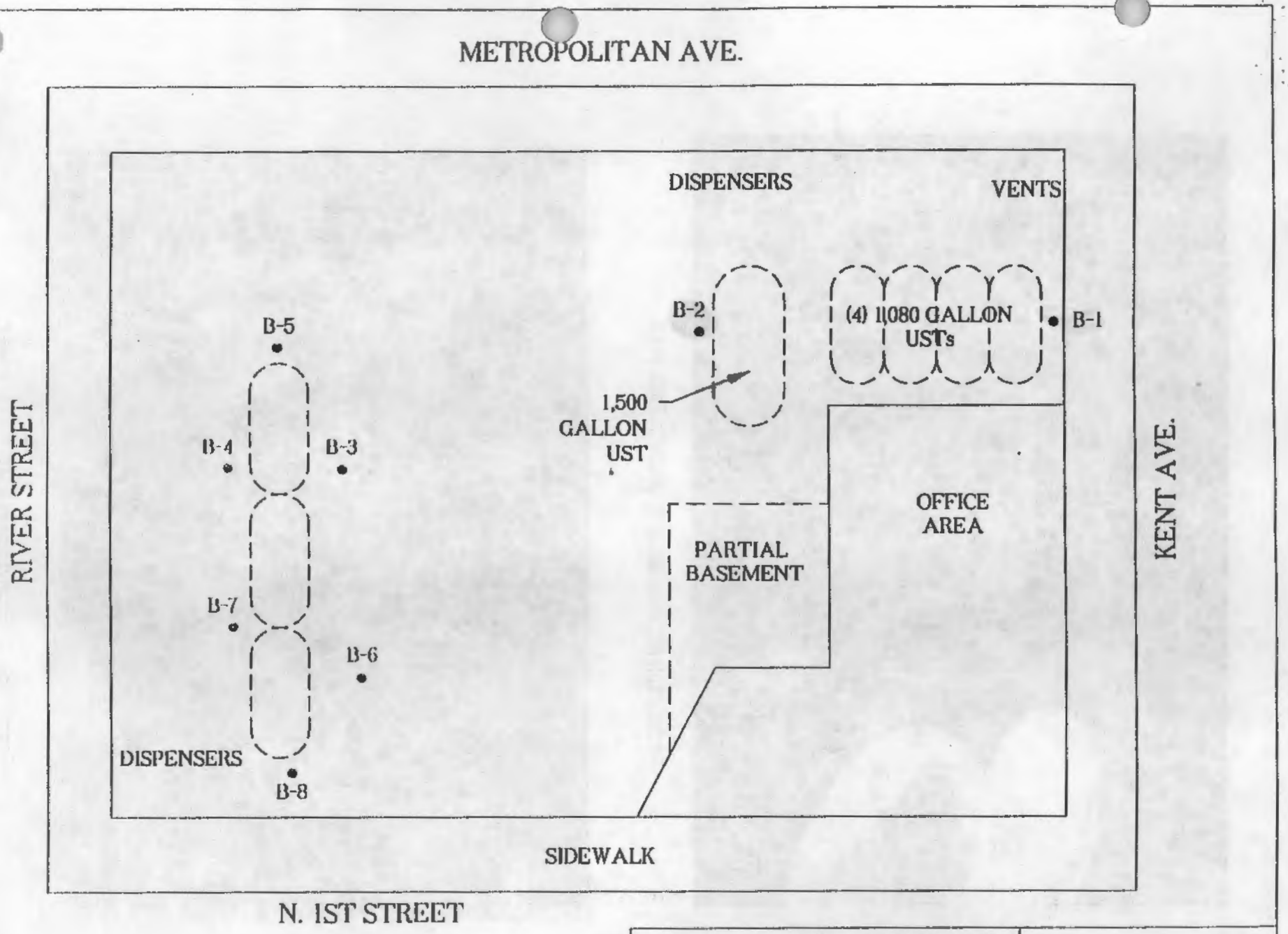


Fanley & Nicol
Professional Services Division
445 BROOK AVENUE, DEER PARK,
NEW YORK 11729 (516)586-4500

SITE PLAN

SCALE: NONE	DETAILSHEET D1.	JOB # 0608657
DATE: 3/98	DRAWN BY: A.Q.	CUSTOMER PRIVATE

FYN PAINT & LACQUER
BROOKLYN, NY

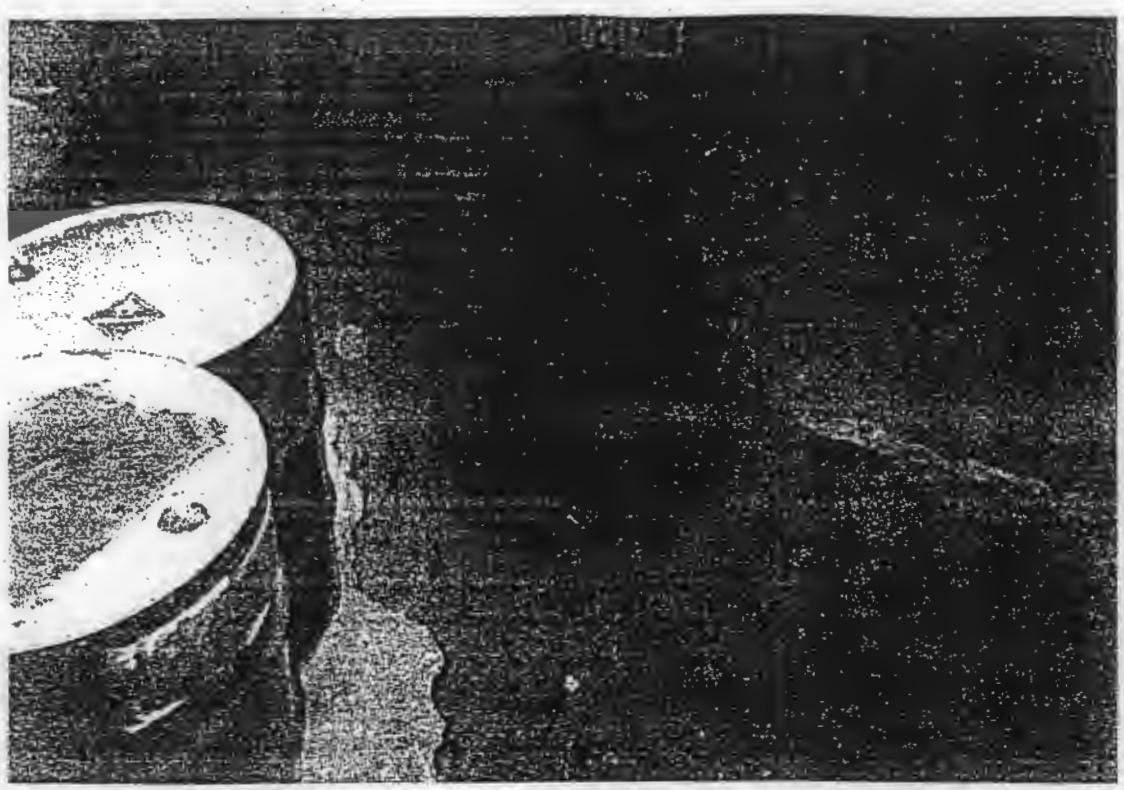


Fanley & Nicol
Professional Services Division
345 DEKALB AVENUE, DEER PARK
NEW YORK 11729 (631)595-4500

SCALE: NONE	GEOLOGIST D.L.	JOB # 8809637
DATE: 3/99	DRAWN BY: A.G.	CUSTOMER PRIVATE

BORING LOCATION PLAN

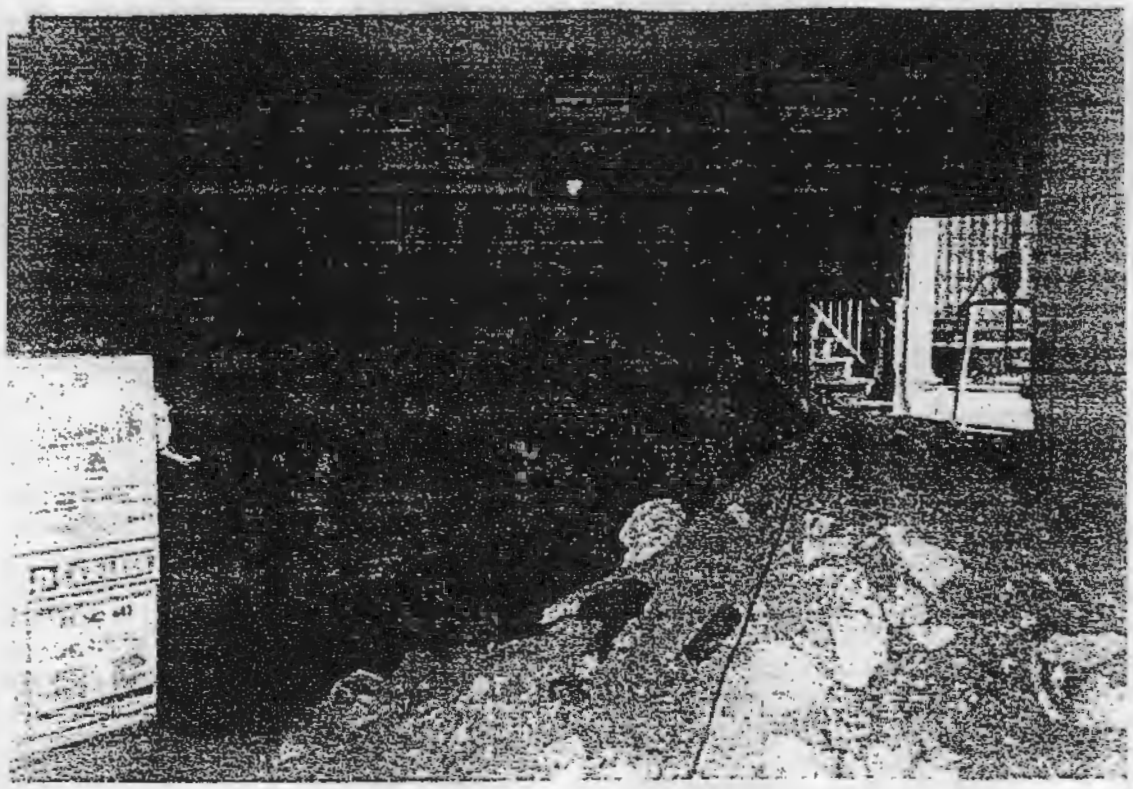
FYN PAINT & LACQUER
BROOKLYN, NY



Photograph #1: Excavation of Western Tank Area.



Photograph #2: Excavation of Western Tank Area.



Photograph #3: Excavation of Eastern Tank Area.



Photograph #4: Excavation of Eastern Tank Area

Method 8260 Volatile Organics By GC/MS

CLIENT : F&N
SAMPLE ID: PIPE AREA
PROJECT: F&N PAINT
SAMPLE VOL. : 0.00008GM
DATA FILE : >E3897
EXTRACT/DATE : N/A
NJDEP LAB ID : 12531

LAB SAMPLE ID : L1574-1
DATE SAMPLED: 01/26/99
DATE RECEIVED: 01/28/99
DATE ANALYZED: 02/05/99
DIL. FACT : 50000
ANALYST: SP/RS

CAS #	COMPOUND	UG/KG	Q	MDL
71-43-2	BENZENE	U		110000
108-86-1	BROMOBENZENE	U		110000
74-97-5	BROMOCHLOROMETHANE	U		110000
75-27-4	BROMODICHLOROMETHANE	U		110000
75-25-2	BROMOFORM	U		110000
74-83-9	BROMOMETHANE	U		110000
104-51-8	N-BUTYLBENZENE	U		110000
135-98-8	SEC-BUTYLBENZENE	U		110000
98-06-6	TERT-BUTYLBENZENE	U		110000
56-23-5	CARBON TETRACHLORIDE	U		110000
108-90-7	CHLOROBENZENE	U		110000
124-48-1	DIBROMOCHLOROMETHANE	U		110000
74-00-3	CHLOROETHANE	U		110000
67-66-3	CHLOROFORM	U		110000
74-87-3	CHLOROMETHANE	U		220000
95-49-8	2-CHLOROTOLUENE	U		110000
106-43-4	4-CHLOROTOLUENE	U		110000
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	U		110000
106-93-4	1,2-DIBROMOETHANE	U		110000
74-95-3	DIBROMOMETHANE	U		110000
95-50-1	1,2-DICHLOROBENZENE	U		110000
541-73-1	1,3-DICHLOROBENZENE	U		110000
106-46-7	1,4-DICHLOROBENZENE	U		110000
75-71-8	DICHLORODIFLUOROMETHANE	U		110000
75-34-3	1,1-DICHLOROETHANE	U		110000
107-06-2	1,2-DICHLOROETHANE	U		110000
75-35-4	1,1-DICHLOROETHENE	U		110000
156-59-2	CIS-1,2-DICHLOROETHENE	U		110000
156-60-5	TRANS-1,2-DICHLOROETHENE	U		110000
78-87-5	1,2-DICHLOROPROPANE	U		110000
142-28-9	1,3-DICHLOROPROPANE	U		110000
594-20-7	2,2-DICHLOROPROPANE	U		110000
563-58-6	1,1-DICHLOROPROPENE	U		110000

Method 8260 Volatile Organics By GC/MS

CLIENT :	F&N	LAB SAMPLE ID :	L1574-1
SAMPLE ID:	PIPE AREA	DATE SAMPLED:	01/26/99
PROJECT:	F&N PAINT	DATE RECEIVED:	01/28/99
SAMPLE VOL. :	0.00008GM	DATE ANALYZED:	02/05/99
DATA FILE :	>E3897	DIL. FACT :	50000
EXTRACT/DATE :	N/A	ANALYST:	SP/RS
NJDEP LAB ID :	12531		

CAS #	COMPOUND	UG/KG	Q	MDL
100-41-4	ETHYLBENZENE	4400000		110000
87-68-3	HEXACHLOROBUTADIENE	U		110000
98-82-8	ISOPROPYLBENZENE	U		110000
99-87-6	P-ISOPROPYLTOLUENE	U		110000
75-09-2	METHYLENE CHLORIDE	U		110000
91-20-3	NAPHTHALENE	U		110000
103-65-1	N-PROPYLBENZENE	U		110000
100-42-5	STYRENE	U		110000
630-20-6	1,1,1,2-TETRACHLOROETHANE	U		110000
79-34-5	1,1,2,2-TETRACHLOROETHANE	U		110000
127-18-4	TETRACHLOROETHENE	U		110000
108-88-3	TOLUENE	2800000		110000
87-61-6	1,2,3-TRICHLOROBENZENE	U		110000
120-82-1	1,2,4-TRICHLOROBENZENE	U		110000
71-55-6	1,1,1-TRICHLOROETHANE	U		110000
79-00-5	1,1,2-TRICHLOROETHANE	U		110000
79-01-6	TRICHLOROETHENE	U		110000
75-69-4	TRICHLOROFLUOROMETHANE	U		110000
96-18-4	1,2,3-TRICHLOROPROPANE	U		220000
95-63-6	1,2,4-TRIMETHYLBENZENE	U		110000
108-67-8	1,3,5-TRIMETHYLBENZENE	U		110000
75-01-4	VINYL CHLORIDE	U		110000
95-47-6	O-XYLENE	5000000		110000
108-38-3	M/P-XYLENE	17000000		110000
10061-01-5	CIS-1,3-DICHLOROPROPENE	U		110000
10061-02-6	TRANS-1,3-DICHLOROPROPENE	U		110000
1634-04-4	METHYL TERT-BUTYL ETHER	U		270000
75-65-0	TERT-BUTYL ALCOHOL	U		540000
78-93-3	2-BUTANONE	U		540000
67-64-1	ACETONE	U		540000
108-10-1	4-METHYL-2-PENTANONE	U		540000
591-78-6	2-HEXANONE	U		540000
75-15-0	CARBON DISULFIDE	U		110000
110-75-8	2-CHLORO ETHYL VINYL ETHER	U		110000
108-05-4	VINYL ACETATE	U		110000

QUALIFIERS

J Indicates detected below MDL, Estimated Value
U Indicates compound not detected
B Indicates compound also present in blank
E Exceeds Calibration Range, Estimated Value

Method 8260 Volatile Organics By GC/MS

CLIENT : F&N
SAMPLE ID: COMPOSITE # 1
PROJECT: F&N PAINT
SAMPLE VOL. : 5.0GM/0.5/0.0008GM
DATA FILE : >D5609/>D5613/E4168
EXTRACT/DATE : N/A
NJDEP LAB ID : 12531

LAB SAMPLE ID : L1882-1
DATE SAMPLED: 02/08/99
DATE RECEIVED: 02/12/99
DATE ANALYZED: 2/16,17,18/99
DIL. FACT : 1.0/10/5000
ANALYST: KW/RS

CAS #	COMPOUND	UG/KG	Q	MDL
71-43-2	BENZENE	U		5
108-86-1	BROMOBENZENE	U		5
74-97-5	BROMOCHLOROMETHANE	U		5
75-27-4	BROMODICHLOROMETHANE	U		5
75-25-2	BROMOFORM	U		5
74-83-9	BROMOMETHANE	U		5
104-51-8	N-BUTYLBENZENE	U		5
135-98-8	SEC-BUTYLBENZENE	U		5
98-06-6	TERT-BUTYLBENZENE	U		5
56-23-5	CARBON TETRACHLORIDE	U		5
108-90-7	CHLOROBENZENE	U		5
124-48-1	DIBROMOCHLOROMETHANE	U		5
74-00-3	CHLOROETHANE	U		5
67-66-3	CHLOROFORM	U		5
74-87-3	CHLOROMETHANE	U		5
95-49-8	2-CHLOROTOLUENE	U		5
106-43-4	4-CHLOROTOLUENE	U		5
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	U		5
106-93-4	1,2-DIBROMOETHANE	U		5
74-95-3	DIBROMOMETHANE	U		5
95-50-1	1,2-DICHLOROBENZENE	U		5
541-73-1	1,3-DICHLOROBENZENE	U		5
106-46-7	1,4-DICHLOROBENZENE	U		5
75-71-8	DICHLORODIFLUOROMETHANE	U		5
75-34-3	1,1-DICHLOROETHANE	U		5
107-06-2	1,2-DICHLOROETHANE	U		5
75-35-4	1,1-DICHLOROETHENE	U		5
156-59-2	CIS-1,2-DICHLOROETHENE	U		5
156-60-5	TRANS-1,2-DICHLOROETHENE	U		5
78-87-5	1,2-DICHLOROPROPANE	U		5
142-28-9	1,3-DICHLOROPROPANE	U		5
594-20-7	2,2-DICHLOROPROPANE	U		5
563-58-6	1,1-DICHLOROPROPENE	U		5

Method 8260 Volatile Organics By GC/MS

CLIENT : F&N
SAMPLE ID: COMPOSITE # 1
PROJECT: F&N PAINT
SAMPLE VOL. : 5.0GM/0.5/0.0008GM
DATA FILE : >D5609/>D5613/E4168
EXTRACT/DATE : N/A
NJDEP LAB ID : 12531

LAB SAMPLE ID : L1882-1
DATE SAMPLED: 02/08/99
DATE RECEIVED: 02/12/99
DATE ANALYZED: 02/16,17,18/99
DIL. FACT : 1.0/10/5000
ANALYST: KW/RS

CAS #	COMPOUND	UG/KG	Q	MDL
100-41-4	ETHYLBENZENE	150		5
87-68-3	HEXACHLOROBUTADIENE	U		5
98-82-8	ISOPROPYLBENZENE	11		5
99-87-6	P-ISOPROPYLTOLUENE	U		5
75-09-2	METHYLENE CHLORIDE	U		5
91-20-3	NAPHTHALENE	U		5
103-65-1	N-PROPYLBENZENE	U		5
100-42-5	STYRENE	U		5
630-20-6	1,1,1,2-TETRACHLOROETHANE	U		5
79-34-5	1,1,2,2-TETRACHLOROETHANE	U		5
127-18-4	TETRACHLOROETHENE	U		5
108-88-3	TOLUENE	160		5
87-61-6	1,2,3-TRICHLOROBENZENE	U		5
120-82-1	1,2,4-TRICHLOROBENZENE	U		5
71-55-6	1,1,1-TRICHLOROETHANE	U		5
79-00-5	1,1,2-TRICHLOROETHANE	U		5
79-01-6	TRICHLOROETHENE	U		5
75-69-4	TRICHLOROFLUOROMETHANE	U		5
96-18-4	1,2,3-TRICHLOROPROPANE	U		5
95-63-6	1,2,4-TRIMETHYLBENZENE	8.3		5
108-67-8	1,3,5-TRIMETHYLBENZENE	11		5
75-01-4	VINYL CHLORIDE	U		5
95-47-6	O-XYLENE	480	D	50
108-38-3	M/P-XYLENE	1000	D	50
10061-01-5	CIS-1,3-DICHLOROPROPENE	U		5
10061-02-6	TRANS-1,3-DICHLOROPROPENE	U		5
1634-04-4	METHYL TERT-BUTYL ETHER	U		5
78-93-3	2-BUTANONE	1000	D	110
67-64-1	ACETONE	780000	D	53000
108-10-1	4-METHYL-2-PENTANONE	U		11
591-78-6	2-HEXANONE	U		11
75-15-0	CARBON DISULFIDE	U		11
110-75-8	2-CHLORO ETHYL VINYL ETHER	U		5
108-05-4	VINYL ACETATE	U		5

QUALIFIERS

J Indicates detected below MDL, Estimated Value
U Indicates compound not detected
B Indicates compound also present in blank
E Exceeds Calibration Range, Estimated Value

Method 8260 Volatile Organics By GC/MS

CLIENT : F&N
SAMPLE ID: COMPOSITE # 2
PROJECT: F&N PAINT
SAMPLE VOL. : 5.0GM/0.002GM
DATA FILE : >D5608/>E4167
EXTRACT/DATE : N/A
NJDEP LAB ID : 12531

LAB SAMPLE ID : L1882-2
DATE SAMPLED: 02/08/99
DATE RECEIVED: 02/12/99
DATE ANALYZED: 02/16.18/99
DIL. FACT : 1.00/2500
ANALYST: KW/RS

CAS #	COMPOUND	UG/KG	Q	MDL
71-43-2	BENZENE	U		6
108-86-1	BROMOBENZENE	U		6
74-97-5	BROMOCHLOROMETHANE	U		6
75-27-4	BROMODICHLOROMETHANE	U		6
75-25-2	BROMOFORM	U		6
74-83-9	BROMOMETHANE	U		6
104-51-8	N-BUTYLBENZENE	U		6
135-98-8	SEC-BUTYLBENZENE	U		6
98-06-6	TERT-BUTYLBENZENE	U		6
56-23-5	CARBON TETRACHLORIDE	U		6
108-90-7	CHLOROBENZENE	U		6
124-48-1	DIBROMOCHLOROMETHANE	U		6
74-00-3	CHLOROETHANE	U		6
67-66-3	CHLOROFORM	U		6
74-87-3	CHLOROMETHANE	U		6
95-49-8	2-CHLOROTOLUENE	U		6
106-43-4	4-CHLOROTOLUENE	U		6
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	U		6
106-93-4	1,2-DIBROMOETHANE	U		6
74-95-3	DIBROMOMETHANE	U		6
95-50-1	1,2-DICHLOROBENZENE	U		6
541-73-1	1,3-DICHLOROBENZENE	U		6
106-46-7	1,4-DICHLOROBENZENE	U		6
75-71-8	DICHLORODIFLUOROMETHANE	U		6
75-34-3	1,1-DICHLOROETHANE	U		6
107-06-2	1,2-DICHLOROETHANE	U		6
75-35-4	1,1-DICHLOROETHENE	U		6
156-59-2	CIS-1,2-DICHLOROETHENE	U		6
156-60-5	TRANS-1,2-DICHLOROETHENE	U		6
78-87-5	1,2-DICHLOROPROPANE	U		6
142-28-9	1,3-DICHLOROPROPANE	U		6
594-20-7	2,2-DICHLOROPROPANE	U		6
563-58-6	1,1-DICHLOROPROPENE	U		6

Method 8260 Volatile Organics By GC/MS

CLIENT :	F&N	LAB SAMPLE ID :	L1882-2
SAMPLE ID:	COMPOSITE # 2	DATE SAMPLED:	02/08/99
PROJECT:	F&N PAINT	DATE RECEIVED:	02/12/99
SAMPLE VOL. :	5.0GM/0.002GM	DATE ANALYZED:	02/16/99
DATA FILE :	>D5608/>E4167	DIL. FACT :	1.00/2500
EXTRACT/DATE :	N/A	ANALYST:	KW/RS
NJDEP LAB ID :	12531		

CAS #	COMPOUND	UG/KG	Q	MDL
100-41-4	ETHYLBENZENE	U		6
87-68-3	HEXACHLOROBUTADIENE	U		6
98-82-8	ISOPROPYLBENZENE	U		6
99-87-6	P-ISOPROPYLTOLUENE	U		6
75-09-2	METHYLENE CHLORIDE	U		6
91-20-3	NAPHTHALENE	U		6
103-65-1	N-PROPYLBENZENE	U		6
100-42-5	STYRENE	U		6
630-20-6	1,1,1,2-TETRACHLOROETHANE	U		6
79-34-5	1,1,2,2-TETRACHLOROETHANE	U		6
127-18-4	TETRACHLOROETHENE	U		6
108-88-3	TOLUENE	7.3		6
87-61-6	1,2,3-TRICHLOROBENZENE	U		6
120-82-1	1,2,4-TRICHLOROBENZENE	U		6
71-55-6	1,1,1-TRICHLOROETHANE	U		6
79-00-5	1,1,2-TRICHLOROETHANE	U		6
79-01-6	TRICHLOROETHENE	U		6
75-69-4	TRICHLOROFLUOROMETHANE	U		6
96-18-4	1,2,3-TRICHLOROPROPANE	U		6
95-63-6	1,2,4-TRIMETHYLBENZENE	U		6
108-67-8	1,3,5-TRIMETHYLBENZENE	U		6
75-01-4	VINYL CHLORIDE	U		6
95-47-6	O-XYLENE	U		6
108-38-3	M/P-XYLENE	11		6
10061-01-5	CIS-1,3-DICHLOROPROPENE	U		6
10061-02-6	TRANS-1,3-DICHLOROPROPENE	U		6
1634-04-4	METHYL TERT-BUTYL ETHER	U		6
78-93-3	2-BUTANONE	4500	E	12
67-64-1	ACETONE	190000	D	29000
108-10-1	4-METHYL-2-PENTANONE	29		12
591-78-6	2-HEXANONE	U		12
75-15-0	CARBON DISULFIDE	U		12
110-75-8	2-CHLORO ETHYL VINYL ETHER	U		6
108-05-4	VINYL ACETATE	U		6

QUALIFIERS

D Indicates values taken from dilution run
J Indicates detected below MDL, Estimated Value
U Indicates compound not detected
B Indicates compound also present in blank
E Exceeds Calibration Range, Estimated Value

Method 8260 Volatile Organics By GC/MS

CLIENT : F&N
SAMPLE ID: COMPOSITE # 3
PROJECT: F&N PAINT
SAMPLE VOL. : 5.0GM
DATA FILE : >D5607
EXTRACT/DATE : N/A
NJDEP LAB ID : 12531

LAB SAMPLE ID : L1882-3
DATE SAMPLED: 02/09/99
DATE RECEIVED: 02/12/99
DATE ANALYZED: 02/16/99
DIL. FACT : 1.00
ANALYST: KW/RS

CAS #	COMPOUND	UG/KG	Q	MDL
71-43-2	BENZENE	U		6
108-86-1	BROMOBENZENE	U		6
74-97-5	BROMOCHLOROMETHANE	U		6
75-27-4	BROMODICHLOROMETHANE	U		6
75-25-2	BROMOFORM	U		6
74-83-9	BROMOMETHANE	U		6
104-51-8	N-BUTYLBENZENE	U		6
135-98-8	SEC-BUTYLBENZENE	U		6
98-06-6	TERT-BUTYLBENZENE	U		6
56-23-5	CARBON TETRACHLORIDE	U		6
108-90-7	CHLOROBENZENE	U		6
124-48-1	DIBROMOCHLOROMETHANE	U		6
74-00-3	CHLOROETHANE	U		6
67-66-3	CHLOROFORM	U		6
74-87-3	CHLOROMETHANE	U		6
95-49-8	2-CHLOROTOLUENE	U		6
106-43-4	4-CHLOROTOLUENE	U		6
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	U		6
106-93-4	1,2-DIBROMOETHANE	U		6
74-95-3	DIBROMOMETHANE	U		6
95-50-1	1,2-DICHLOROBENZENE	U		6
541-73-1	1,3-DICHLOROBENZENE	U		6
106-46-7	1,4-DICHLOROBENZENE	U		6
75-71-8	DICHLORODIFLUOROMETHANE	U		6
75-34-3	1,1-DICHLOROETHANE	U		6
107-06-2	1,2-DICHLOROETHANE	U		6
75-35-4	1,1-DICHLOROETHENE	U		6
156-59-2	CIS-1,2-DICHLOROETHENE	U		6
156-60-5	TRANS-1,2-DICHLOROETHENE	U		6
78-87-5	1,2-DICHLOROPROPANE	U		6
142-28-9	1,3-DICHLOROPROPANE	U		6
594-20-7	2,2-DICHLOROPROPANE	U		6
563-58-6	1,1-DICHLOROPROPENE	U		6

Method 8260 Volatile Organics By GC/MS

CLIENT : F&N
SAMPLE ID: COMPOSITE # 3
PROJECT: F&N PAINT
SAMPLE VOL. : 5.0GM
DATA FILE : >D5607
EXTRACT/DATE : N/A
NJDEP LAB ID : 12531

LAB SAMPLE ID : L1882-3
DATE SAMPLED: 02/09/99
DATE RECEIVED: 02/12/99
DATE ANALYZED: 02/16/99
DIL. FACT : 1.00
ANALYST: KW/RS

CAS #	COMPOUND	UG/KG	Q	MDL
100-41-4	ETHYLBENZENE	U		6
87-68-3	HEXACHLOROBUTADIENE	U		6
98-82-8	ISOPROPYLBENZENE	U		6
99-87-6	P-ISOPROPYLTOLUENE	U		6
75-09-2	METHYLENE CHLORIDE	U		6
91-20-3	NAPHTHALENE	U		6
103-65-1	N-PROPYLBENZENE	U		6
100-42-5	STYRENE	U		6
630-20-6	1,1,1,2-TETRACHLOROETHANE	U		6
79-34-5	1,1,2,2-TETRACHLOROETHANE	U		6
127-18-4	TETRACHLOROETHENE	U		6
108-88-3	TOLUENE	U		6
87-61-6	1,2,3-TRICHLOROBENZENE	U		6
120-82-1	1,2,4-TRICHLOROBENZENE	U		6
71-55-6	1,1,1-TRICHLOROETHANE	U		6
79-00-5	1,1,2-TRICHLOROETHANE	U		6
79-01-6	TRICHLOROETHENE	U		6
75-69-4	TRICHLOROFLUOROMETHANE	U		6
96-18-4	1;2,3-TRICHLOROPROPANE	U		6
95-63-6	1,2,4-TRIMETHYLBENZENE	U		6
108-67-8	1,3,5-TRIMETHYLBENZENE	U		6
75-01-4	VINYL CHLORIDE	U		6
95-47-6	O-XYLENE	U		6
108-38-3	M/P-XYLENE	U		6
10061-01-5	CIS-1,3-DICHLOROPROPENE	U		6
10061-02-6	TRANS-1,3-DICHLOROPROPENE	U		6
1634-04-4	METHYL TERT-BUTYL ETHER	U		6
78-93-3	2-BUTANONE	U		11
67-64-1	ACETONE	U		11
108-10-1	4-METHYL-2-PENTANONE	U		11
591-78-6	2-HEXANONE	U		11
75-15-0	CARBON DISULFIDE	U		11
110-75-8	2-CHLORO ETHYL VINYL ETHER	U		6
108-05-4	VINYL ACETATE	U		6

QUALIFIERS

J Indicates detected below MDL, Estimated Value
U Indicates compound not detected
B Indicates compound also present in blank
E Exceeds Calibration Range, Estimated Value

Method 8260 Volatile Organics By GC/MS

CLIENT :	F&N	LAB SAMPLE ID :	L1882-4
SAMPLE ID:	COMPOSITE # 4	DATE SAMPLED:	02/09/99
PROJECT:	F&N PAINT	DATE RECEIVED:	02/12/99
SAMPLE VOL. :	5.0GM	DATE ANALYZED:	02/16/99
DATA FILE :	>D5606	DIL. FACT :	1.00
EXTRACT/DATE :	N/A	ANALYST:	KW/RS
NJDEP LAB ID :	12531		

CAS #	COMPOUND	UG/KG	Q	MDL
71-43-2	BENZENE	U		6
108-86-1	BROMOBENZENE	U		6
74-97-5	BROMOCHLOROMETHANE	U		6
75-27-4	BROMODICHLOROMETHANE	U		6
75-25-2	BROMOFORM	U		6
74-83-9	BROMOMETHANE	U		6
104-51-8	N-BUTYLBENZENE	U		6
135-98-8	SEC-BUTYLBENZENE	U		6
98-06-6	TERT-BUTYLBENZENE	U		6
56-23-5	CARBON TETRACHLORIDE	U		6
108-90-7	CHLOROBENZENE	U		6
124-48-1	DIBROMOCHLOROMETHANE	U		6
74-00-3	CHLOROETHANE	U		6
67-66-3	CHLOROFORM	U		6
74-87-3	CHLOROMETHANE	U		6
95-49-8	2-CHLOROTOLUENE	U		6
106-43-4	4-CHLOROTOLUENE	U		6
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	U		6
106-93-4	1,2-DIBROMOETHANE	U		6
74-95-3	DIBROMOMETHANE	U		6
95-50-1	1,2-DICHLOROBENZENE	U		6
541-73-1	1,3-DICHLOROBENZENE	U		6
106-46-7	1,4-DICHLOROBENZENE	U		6
75-71-8	DICHLORODIFLUOROMETHANE	U		6
75-34-3	1,1-DICHLOROETHANE	U		6
107-06-2	1,2-DICHLOROETHANE	U		6
75-35-4	1,1-DICHLOROETHENE	U		6
156-59-2	CIS-1,2-DICHLOROETHENE	U		6
156-60-5	TRANS-1,2-DICHLOROETHENE	U		6
78-87-5	1,2-DICHLOROPROPANE	U		6
142-28-9	1,3-DICHLOROPROPANE	U		6
594-20-7	2,2-DICHLOROPROPANE	U		6
563-58-6	1,1-DICHLOROPROPENE	U		6

Method 8260 Volatile Organics By GC/MS

CLIENT :	F&N	LAB SAMPLE ID :	L1882-4
SAMPLE ID:	COMPOSITE # 4	DATE SAMPLED:	02/09/99
PROJECT:	F&N PAINT	DATE RECEIVED:	02/12/99
SAMPLE VOL. :	5.0GM	DATE ANALYZED:	02/16/99
DATA FILE :	>D5606	DIL. FACT :	1.00
EXTRACT/DATE :	N/A	ANALYST:	KW/RS
NJDEP LAB ID :	12531		

CAS #	COMPOUND	UG/KG	Q	MDL
100-41-4	ETHYLBENZENE	U		6
87-68-3	HEXACHLOROBUTADIENE	U		6
98-82-8	ISOPROPYLBENZENE	U		6
99-87-6	P-ISOPROPYLTOLUENE	U		6
75-09-2	METHYLENE CHLORIDE	U		6
91-20-3	NAPHTHALENE	U		6
103-65-1	N-PROPYLBENZENE	U		6
100-42-5	STYRENE	U		6
630-20-6	1,1,1,2-TETRACHLOROETHANE	U		6
79-34-5	1,1,2,2-TETRACHLOROETHANE	U		6
127-18-4	TETRACHLOROETHENE	U		6
108-88-3	TOLUENE	U		6
87-61-6	1,2,3-TRICHLOROBENZENE	U		6
120-82-1	1,2,4-TRICHLOROBENZENE	U		6
71-55-6	1,1,1-TRICHLOROETHANE	U		6
79-00-5	1,1,2-TRICHLOROETHANE	U		6
79-01-6	TRICHLOROETHENE	U		6
75-69-4	TRICHLOROFLUOROMETHANE	U		6
96-18-4	1,2,3-TRICHLOROPROPANE	U		6
95-63-6	1,2,4-TRIMETHYLBENZENE	U		6
108-67-8	1,3,5-TRIMETHYLBENZENE	U		6
75-01-4	VINYL CHLORIDE	U		6
95-47-6	O-XYLENE	U		6
108-38-3	M/P-XYLENE	U		6
10061-01-5	CIS-1,3-DICHLOROPROPENE	U		6
10061-02-6	TRANS-1,3-DICHLOROPROPENE	U		6
1634-04-4	METHYL TERT-BUTYL ETHER	U		6
78-93-3	2-BUTANONE	U		11
67-64-1	ACETONE	U		11
108-10-1	4-METHYL-2-PENTANONE	U		11
591-78-6	2-HEXANONE	U		11
75-15-0	CARBON DISULFIDE	U		11
110-75-8	2-CHLORO ETHYL VINYL ETHER	U		6
108-05-4	VINYL ACETATE	U		6

QUALIFIERS

J Indicates detected below MDL, Estimated Value
U Indicates compound not detected
B Indicates compound also present in blank
E Exceeds Calibration Range, Estimated Value

Method 8260 Volatile Organics By GC/MS

CLIENT :	F&N	LAB SAMPLE ID :	L1882-5
SAMPLE ID:	COMPOSITE # 5	DATE SAMPLED:	02/09/99
PROJECT:	F&N PAINT	DATE RECEIVED:	02/12/99
SAMPLE VOL. :	5.0GM	DATE ANALYZED:	02/16/99
DATA FILE :	>D5605	DIL. FACT :	1.00
EXTRACT/DATE :	N/A	ANALYST:	KW/RS
NJDEP LAB ID :	12531		

CAS #	COMPOUND	UG/KG	Q	MDL
71-43-2	BENZENE	U		6
108-86-1	BROMOBENZENE	U		6
74-97-5	BROMOCHLOROMETHANE	U		6
75-27-4	BROMODICHLOROMETHANE	U		6
75-25-2	BROMOFORM	U		6
74-83-9	BROMOMETHANE	U		6
104-51-8	N-BUTYLBENZENE	U		6
135-98-8	SEC-BUTYLBENZENE	U		6
98-06-6	TERT-BUTYLBENZENE	U		6
56-23-5	CARBON TETRACHLORIDE	U		6
108-90-7	CHLOROBENZENE	U		6
124-48-1	DIBROMOCHLOROMETHANE	U		6
74-00-3	CHLOROETHANE	U		6
67-66-3	CHLOROFORM	U		6
74-87-3	CHLOROMETHANE	U		6
95-49-8	2-CHLOROTOLUENE	U		6
106-43-4	4-CHLOROTOLUENE	U		6
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	U		6
106-93-4	1,2-DIBROMOETHANE	U		6
74-95-3	DIBROMOMETHANE	U		6
95-50-1	1,2-DICHLOROBENZENE	U		6
541-73-1	1,3-DICHLOROBENZENE	U		6
106-46-7	1,4-DICHLOROBENZENE	U		6
75-71-8	DICHLORODIFLUOROMETHANE	U		6
75-34-3	1,1-DICHLOROETHANE	U		6
107-06-2	1,2-DICHLOROETHANE	U		6
75-35-4	1,1-DICHLOROETHENE	U		6
156-59-2	CIS-1,2-DICHLOROETHENE	U		6
156-60-5	TRANS-1,2-DICHLOROETHENE	U		6
78-87-5	1,2-DICHLOROPROPANE	U		6
142-28-9	1,3-DICHLOROPROPANE	U		6
594-20-7	2,2-DICHLOROPROPANE	U		6
563-58-6	1,1-DICHLOROPROPENE	U		6

Method 8260 Volatile Organics By GC/MS

CLIENT :	F&N	LAB SAMPLE ID :	L1882-5
SAMPLE ID:	COMPOSITE # 5	DATE SAMPLED:	02/09/99
PROJECT:	F&N PAINT	DATE RECEIVED:	02/12/99
SAMPLE VOL. :	5.0GM	DATE ANALYZED:	02/16/99
DATA FILE :	>D5605	DIL. FACT :	1.00
EXTRACT/DATE :	N/A	ANALYST:	KW/RS
NJDEP LAB ID :	12531		

CAS #	COMPOUND	UG/KG	Q	MDL
100-41-4	ETHYLBENZENE	U		6
87-68-3	HEXACHLOROBUTADIENE	U		6
98-82-8	ISOPROPYLBENZENE	U		6
99-87-6	P-ISOPROPYLTOLUENE	U		6
75-09-2	METHYLENE CHLORIDE	U		6
91-20-3	NAPHTHALENE	U		6
103-65-1	N-PROPYLBENZENE	U		6
100-42-5	STYRENE	U		6
630-20-6	1,1,1,2-TETRACHLOROETHANE	U		6
79-34-5	1,1,2,2-TETRACHLOROETHANE	U		6
127-18-4	TETRACHLOROETHENE	U		6
108-88-3	TOLUENE	U		6
87-61-6	1,2,3-TRICHLOROBENZENE	U		6
120-82-1	1,2,4-TRICHLOROBENZENE	U		6
71-55-6	1,1,1-TRICHLOROETHANE	U		6
79-00-5	1,1,2-TRICHLOROETHANE	U		6
79-01-6	TRICHLOROETHENE	U		6
75-69-4	TRICHLOROFLUOROMETHANE	U		6
96-18-4	1,2,3-TRICHLOROPROPANE	U		6
95-63-6	1,2,4-TRIMETHYLBENZENE	U		6
108-67-8	1,3,5-TRIMETHYLBENZENE	U		6
75-01-4	VINYL CHLORIDE	U		6
95-47-6	O-XYLENE	U		6
108-38-3	M/P-XYLENE	U		6
10061-01-5	CIS-1,3-DICHLOROPROPENE	U		6
10061-02-6	TRANS-1,3-DICHLOROPROPENE	U		6
1634-04-4	METHYL TERT-BUTYL ETHER	U		6
78-93-3	2-BUTANONE	U		11
67-64-1	ACETONE	U		11
108-10-1	4-METHYL-2-PENTANONE	U		11
591-78-6	2-HEXANONE	U		11
75-15-0	CARBON DISULFIDE	U		11
110-75-8	2-CHLORO ETHYL VINYL ETHER	U		6
108-05-4	VINYL ACETATE	U		6

QUALIFIERS

J Indicates detected below MDL, Estimated Value
U Indicates compound not detected
B Indicates compound also present in blank
E Exceeds Calibration Range, Estimated Value

ANAlab Inc,205 Campus Plaza I,Edison,NJ,08837:Phone(732)225-4111Fax(732)225-4110

TABULATED ANALYTICAL REPORT

CLIENT	: FENNICOL	LABSAMPLE ID	: L1882-1
CLIENT ID	: COMPOSITE #1	DATE SAMPLED	: 08-FEB-99
PROJECT	: PYN PAINT	DATE RECEIVED	: 12-FEB-99
SAMPLE VOLUME	: NA	DATE ANALYZED	: 16-FEB-99
DATA FILE	: NA	DILUTION FACTOR	: NA
EXTRACTION DATE	: NA	ANALYST	: MM
NJDEP ID	: 12531		

CASNO	Analyte	Result %	MDL %	PQL %
NA	TOTAL SOLIDS	94		

MDL = Method Detection Limit (Statistical, 40CFR136 APXB)
PQL = Practical Quantitation Limit
J = Estimated Value, < MDL, > Zero
U = Not Detected
B = Compund Also Present In Blank
E = Concentration Exceeds Calibration Range
D = Result Quantified From Secondary Dilution
NA = Not Applicable / Not Available

ANAlab Inc,205 Campus Plaza I,Edison,NJ,08837:Phone(732)225-4111Fax(732)225-4110

TABULATED ANALYTICAL REPORT

CLIENT : FENNICOL
CLIENT ID : COMPOSITE #2
PROJECT : FYN PAINT
SAMPLE VOLUME : NA
DATA FILE : NA
EXTRACTION DATE : NA
NJDEP ID : 12531

LABSAMPLE ID : L1882-2
DATE SAMPLED : 08-FEB-99
DATE RECEIVED : 12-FEB-99
DATE ANALYZED : 16-FEB-99
DILUTION FACTOR : NA
ANALYST : MM

CASNO	Analyte	Result %	MDL %	PQL %
NA	TOTAL SOLIDS	85		

MDL = Method Detection Limit (Statistical, 40CFR136 APXB)
PQL = Practical Quantitation Limit
J = Estimated Value, < MDL, > Zero
U = Not Detected
B = Compund Also Present In Blank
E = Concentration Exceeds Calibration Range
D = Result Quantified From Secondary Dilution
NA = Not Applicable / Not Available

ANAlab Inc,205 Campus Plaza I,Edison,NJ,08837:Phone(732)225-4111Fax(732)225-4110

TABULATED ANALYTICAL REPORT

CLIENT	: FENNICOL	LABSAMPLE ID	: L1882-3
CLIENT ID	: COMPOSITE #3	DATE SAMPLED	: 09-FEB-99
PROJECT	: FYN PAINT	DATE RECEIVED	: 12-FEB-99
SAMPLE VOLUME	: NA	DATE ANALYZED	: 16-FEB-99
DATA FILE	: NA	DILUTION FACTOR	: NA
EXTRACTION DATE	: NA	ANALYST	: MM
NJDEP ID	: 12531		

CASNO	Analyte	Result %	MDL %	PQL %
NA	TOTAL SOLIDS	88		

MDL = Method Detection Limit (Statistical, 40CFR136 APXB)
PQL = Practical Quantitation Limit
J = Estimated Value, < MDL, > Zero
U = Not Detected
B = Compund Also Present In Blank
E = Concentration Exceeds Calibration Range
D = Result Quantified From Secondary Dilution
NA = Not Applicable / Not Available

NAlab Inc,205 Campus Plaza I,Edison,NJ,08837:Phone(732)225-4111Fax(732)225-4110

TABULATED ANALYTICAL REPORT

CLIENT	: FENNICOL	LABSAMPLE ID	: L1882-4
CLIENT ID	: COMPOSITE #4	DATE SAMPLED	: 09-FEB-99
PROJECT	: FYN PAINT	DATE RECEIVED	: 12-FEB-99
SAMPLE VOLUME	: NA	DATE ANALYZED	: 16-FEB-99
DATA FILE	: NA	DILUTION FACTOR	: NA
EXTRACTION DATE	: NA	ANALYST	: MM
NJDEP ID	: 12531		

CASNO	Analyte	Result %	MDL %	PQL %
NA	TOTAL SOLIDS	88		

MDL = Method Detection Limit (Statistical, 40CFR136 APX3)
PQL = Practical Quantitation Limit
J = Estimated Value, < MDL, > Zero
U = Not Detected
B = Compund Also Present In Blank
E = Concentration Exceeds Calibration Range
D = Result Quantified From Secondary Dilution
NA = Not Applicable / Not Available

NAlab Inc,205 Campus Plaza I,Edison,NJ,08837:Phone(732)225-4111Fax(732)225-4110

TABULATED ANALYTICAL REPORT

CLIENT	: FENNICOL	LABSAMPLE ID	: L1882-5
CLIENT ID	: COMPOSITE #5	DATE SAMPLED	: 09-FEB-99
PROJECT	: FYN PAINT	DATE RECEIVED	: 12-FEB-99
SAMPLE VOLUME	: NA	DATE ANALYZED	: 16-FEB-99
DATA FILE	: NA	DILUTION FACTOR	: NA
EXTRACTION DATE	: NA	ANALYST	: MM
NJDEP ID	: 12531		

CASNO	Analyte	Result %	MDL %	PQL %
NA	TOTAL SOLIDS	89		

MDL = Method Detection Limit (Statistical, 40CFR136 APXB)
PQL = Practical Quantitation Limit
J = Estimated Value, < MDL, > Zero
U = Not Detected
B = Compund Also Present In Blank
E = Concentration Exceeds Calibration Range
D = Result Quantified From Secondary Dilution
NA = Not Applicable / Not Available

ANALab INC.

205 Campus Plaza 1, Raritan Center, Edison, New Jersey 08837 (908) 225-4111
ENVIRONMENTAL ANALYTICAL LABORATORY SERVICES FAX (908) 225-4110

CHAIN-OF-CUSTODY RECORD and Work Authorization

LAB SDG NO.: IF FOR LAB USE ONLY: L1574

Company F+N
Address 445 BROOK AV
City DEER PARK
State NY ZIP 11729 Phone (516) 586-4500
Project Manager D. LORTHIOIR Fax " " 4920
Project name FYN PAINT Purchase Order No. 94-10042

ANALYSIS REQUESTED

PRINT ANALYSIS REQUESTS CLEARLY, LEGIBLY AND COMPLETELY.

Page 1 of 1

SAMPLE DESCRIPTION	TYPE GRB	TYPE COMP	MATRIX TYPE	DATE SAMPLED	TIME	PRES	NO. CONT	Ch 260	REMARKS
PIPE TREA	X		SOIL	11/26/94			1	X	

FAILURE TO PRINT CLEARLY, LEGIBLY AND COMPLETELY MAY RESULT IN DELAYS. ANY ANALYSIS REQUEST NOT ENTERED COMPLETELY, CLEARLY AND LEGIBLY OR WHICH IS CONFUSING OR AMBIGUOUS MAY RESULT IN DELAYS. SAMPLES CAN NOT BE LOGGED IN AND THE TURNAROUND TIME CLOCK WILL NOT START UNTIL ANY AMBIGUITIES ARE RESOLVED. TO AVOID THIS, PRINT CLEARLY, LEGIBLY AND COMPLETELY.

SAMPLER/SUBMITTER'S STATEMENT: I attest that the proper field sampling procedures were used during the collection of these samples and that the information on the Chain of Custody and the analysis(es) requested are true and correct. Name (print): DAVID LORTHIOIR Signature: [signature]

RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	RELINQUISHED TO LABORATORY BY:	ACCEPTED FOR LAB BY:	DATE	TIME
[signature]	[signature]	1-28-95	1240	[signature]	[signature]	1-28-95	1532

Turnaround Time (Faxables)

24 Hour____ 5 Day____
48 Hour____ 10 Day____
72 Hour____ 14 Day____

If other than 14 day contact your project manager for authorization number.

Auth No: _____

Laboratory Comments:

RUSH

All Samples Received
Temp Cool °C Cool (Yes) No
Samples Intact (Yes) No
Properly Preserved (Yes) No

Data Deliverables (Standard T.A.T. Hard Copy)

Results only____
Results with QC____
RTD-4____
FTD-2____

If other than standard turnaround time for hard copy, please indicate in client remarks.

Client Remarks:

7 DAY TURNAROUND AS PER CONTRACT

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FEB. 1. 1995 7:05PM ANALAB INC NO. 555 P. 2/4

ANALab INC.

265 Campus Plaza 1, Raritan Center, Edison, New Jersey 08837 (908) 225-4111
ENVIRONMENTAL ANALYTICAL LABORATORY SERVICES FAX (908) 225-4110

CHAIN-OF-CUSTODY RECORD and Work Authorization

LAB SDG NO.: (FOR LAB USE ONLY) L1882

Company F+N
Address 445 BROOK AV
City N. BABYLON
State NY ZIP 11729 Phone 516 586-4900
Project Manager D. LORTHIOIR Fax " " 4920
Project name FYN PAINT Purchase Order No.

ANALYSIS REQUESTED — $260

PRINT ANALYSIS REQUESTS CLEARLY, LEGIBLY AND COMPLETELY. Page 1 of 1

SAMPLE DESCRIPTION	TYPE GRB	TYPE COMP	MATRIX TYPE	DATE SAMPLED	TIME	PRES	NO. CONT		REMARKS
COMPOSITE #1		X	SOIL	2/9/99			2	X	22405
COMPOSITE #2		X	"	2/9/99			2	X	"
COMPOSITE #3		X	"	2/9/99			2	X	"
COMPOSITE #4		X	"	2/9/99			2	X	"
COMPOSITE #5		X	"	2/9/99			2	X	"

FAILURE TO PRINT CLEARLY, LEGIBLY AND COMPLETELY MAY RESULT IN DELAYS. ANY ANALYSIS REQUEST NOT ENTERED COMPLETELY, CLEARLY AND LEGIBLY OR WHICH IS CONFUSING OR AMBIGUOUS MAY RESULT IN DELAYS. SAMPLES CAN NOT BE LOGGED IN AND THE TURNAROUND TIME CLOCK WILL NOT START UNTIL ANY AMBIGUITIES ARE RESOLVED. TO AVOID THIS, PRINT CLEARLY, LEGIBLY AND COMPLETELY.

SAMPLER/SUBMITTER'S STATEMENT: I attest that the proper field sampling procedures were used during the collection of these samples and that the information on this Chain of Custody and the analysis(es) requested are true and correct. Name (print): DAVID LORTHIOIR Signature: Dod Lorthior

RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	RELINQUISHED TO LABORATORY BY:	ACCEPTED FOR LAB BY:	DATE	TIME
Dod Lorthior		2-12-99	14:00			2-12-99	17:15

Turnaround Time (Faxables)

24 Hour ____ 5 Day ____
48 Hour ____ 10 Day ____
72 Hour ____ 14 Day ____

If other than 14 day contact your project manager for authorization number.

Auth No: ____

Laboratory Comments:

RUSH

All Samples Received
Temp COOL °C Cool (Yes) No
Samples Intact (Yes) No
Properly Preserved (Yes) No

Data Deliverables (Standard T.A.T. Hard Copy)

Results only ____
Results with QC ____
RTD-4 ____
FTD-2 ____

If other than standard turnaround time for hard copy, please indicate in client remarks.

Client Remarks:

7 DAY TURNAROUND AS PER CONTRACT

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FEB.24.1999 12:08PM ANALAB INC NO.144 P.2/17

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Chemical Bulk Storage Program
Facility Information Report

Printed : 05/02/2000

CBS # : 2-000151

Site : FYN PAINT & LAQUER CO. INC.
229 KENT AVENUE
BROOKLYN, NY 11211

County : KINGS Town : NEW YORK CITY
Latitude : 40|43|00 N Longitude : 73|57|54 W
Oper : WILLIAM FEINSTEIN (718) 388-4130
Emer : HOWARD SINKA (718) 388-4130
Type of Site : Manufacturing

SPDES # :
PBS # : MOSF # :

Site Status : 2 -Unregulated
Total Tanks : 0
Total Capacity : 0
Date App. Rcvd : 07/26/1999
Amount Paid : 125
Cert. Date : 07/30/1999
Renewal Date : 04/01/1999
Expiration Date : 07/25/2001

Site Stat. : 1 -No Errors
Own Stat. : 1 -No Errors
Tank Stat. : 0 -Major Errors

Owner : FYN PAINT & LAQUER CO. INC.
230 KENT ANENUE
BROOKLYN, NY 11211

Phone : (718) 388-4130
Owner Type : Corporate/Commercial

Mail : FYN PAINT & LAQUER CO. INC.
230 KENT ANENUE
BROOKLYN, NY 11211

Att : HOWARD SINKA (718) 388-4130

TankNo	TankLoc	Stat	DateIn	Capac (g)	Casno	Chemical Name	TankType	TankIP	TankEP	TankSC	PipeLoc	PipeType	PipeIP	PipeEP	PipeSC	Leak	Spill	SubDes	%Haz	TStat
001	4	4	00/00	550	67561	Methanol	1	0	0	3	2	1	0	0	3	0	4	1	100	CLOSED:12/98
002	4	4	00/00	550	67561	Methanol	1	0	0	3	2	1	0	0	3	0	4	1	100	CLOSED:12/98
004	4	4	00/00	1,500	108883	Toluene	1	0	0	3	2	1	0	0	3	0	4	2	100	CLOSED:12/98
005	4	4	00/00	1,000	108883	Toluene	1	0	0	3	2	1	0	0	3	0	4	2	100	CLOSED:12/98
006	4	4	00/00	1,000	1330207	Xylene (mixed)	1	0	0	3	2	1	0	0	3	0	4	1	100	CLOSED:12/98
007	4	4	00/00	1,000	108883	Toluene	1	0	0	3	2	1	0	0	3	0	4	2	100	CLOSED:12/98
008	4	4	00/00	1,000	108883	Toluene	1	0	0	3	2	1	0	0	3	0	4	1	100	CLOSED:12/98
009	2	4	07/76	2,500	1330207	Xylene (mixed)	1	0	1	0	1	1	0	0	0	0	0	1	50	CLOSED:11/99
0010	2	4	07/76	1,500	1330207	Xylene (mixed)	1	0	1	0	1	1	0	0	0	0	0	2	50	CLOSED:00/00
0011	2	4	00/00	700	108883	Toluene	1	0	1	0	1	1	0	0	0	0	0	1	40	CLOSED:00/00
0012	2	4	00/00	700	1330207	Xylene (mixed)	1	0	1	0	1	1	1	0	0	0	0	1	50	CLOSED:00/00
0013	2	4	00/00	700	1330207	Xylene (mixed)	1	0	1	0	1	1	0	0	0	0	0	2	50	CLOSED:00/00
0014	2	4	00/00	700	1330207	Xylene (mixed)	1	0	1	0	1	1	0	0	0	0	0	2	50	CLOSED:00/00

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

VOLUNTARY CLEANUP AGREEMENT

In the Matter of the Implementation of a Remedial Response Program
for: **Fyn Paint and Lacquer Co., Inc.** by: **Fyn Paint and Lacquer Co., Inc.**, "Volunteer"
Site #: V-00380-2 Index #: W2-0873-00-10

WHEREAS, the Department is responsible for enforcement of the ECL and the NL and such laws provide the Department authority to enter into this Agreement; and

WHEREAS, the Department has established a Voluntary Cleanup Program to address the environmental, legal and financial barriers that hinder the redevelopment and reuse of contaminated properties; and

WHEREAS, the Volunteer represents, and the Department relied upon such representations in entering into this Agreement, that Volunteer is the operator of the Site and has been the operator of the Site as a paint and lacquer manufacturing business and powder coating warehouse since the property was acquired by the current owner, Kent River Corp., in or about January 1959; and

WHEREAS, the parties are entering into this Agreement in order to set forth a process through which the Department will approve and the Volunteer will implement activities designed to address in whole or in part environmental contamination at the Site; and

WHEREAS, the Department has determined that it is in the public interest to enter into this Agreement as a means to address environmental issues at the Site with private funds while ensuring the protection of human health and the environment;

NOW, THEREFORE, IN CONSIDERATION OF AND IN EXCHANGE FOR THE MUTUAL COVENANTS AND PROMISES, THE PARTIES AGREE TO THE FOLLOWING:

I. Site Specific Definitions

For purposes of this Agreement, the terms set forth in the Glossary attached to, and made a part of, this Agreement shall have the meanings ascribed to them in that Glossary. In addition, for purposes of this Agreement, the following terms shall have the following meanings:

A. "Contemplated Use": Heavy manufacturing uses consistent with current M3-1 zoning.

B. "Existing Contamination": Soil contamination on portions of the Site in proximity to exhumed underground storage tanks consisting of high concentrations of toulene, ethylbenzene, acetone and xylenes as more fully described in the March 23, 1999 Tank Closure Report of Fenley & Nichol Environmental Inc., prepared for RGJ Contracting Co., Inc.. The term also includes contamination encountered during the course of this Agreement's implementation, the nature and extent of which were unknown or insufficiently characterized as of the effective date of this Agreement, but which shall have been fully characterized to the Department's satisfaction.

C. "Site": Fyn Paint and Lacquer Co., Inc., which is located at 230 Kent Avenue, Brooklyn, New York, 11211 at latitude 40° 42' 30" and longitude 73° 57' 30" with Kings County Tax Map Identifier Numbers, District 16, Block 2362, Lot 1, and which is owned by Kent River Corp. located at the same address. Exhibit "A" of this Agreement is a map of the Site showing its general location.

D. "Volunteer": Fyn Paint and Lacquer Co., Inc., which is located at 229 Kent Avenue, Brooklyn, New York, 11211, and which is the current operator of the Site.

II. Development, Performance and Reporting of Work Plans

A. Work Plan Labels

The work plans ("Work Plan" or "Work Plans") under this Agreement shall be captioned as follows:

1. "Investigation Work Plan" if the Work Plan provides for the investigation of the nature and extent of contamination at the Site;

2. "IRM Work Plan" if the Work Plan provides for an interim remedial measure;

3. "Remediation Work Plan" if the Work Plan provides for the Site's remediation to cleanup levels sufficient to allow the Contemplated Use of the Site to proceed; or

4. "OM&M Work Plan" if the Work Plan provides for post-remedial construction operation, monitoring and maintenance.

B. Submission/Implementation of Work Plans

1. Any proposed Work Plan shall be submitted for the Department's review and approval and shall include, at a minimum, a chronological description of the anticipated activities, a schedule for performance of those activities, and sufficient detail to allow the Department to evaluate that Work Plan. A Professional Engineer must prepare, sign, and seal all Work Plans other than an Investigation Work Plan. Upon the Department's written approval of a Work Plan, such Department-approved Work Plan shall be incorporated into and become an enforceable part of this Agreement and shall be implemented in accordance with the schedule contained therein. If a proposed Work Plan is rejected by the Department, Volunteer shall elect in writing within 10 Days to: (i) modify or

expand it; (ii) complete any other Department-approved Work Plan(s); (iii) invoke the dispute resolution provisions of this Agreement pursuant to Paragraph XIII; or (iv) terminate this Agreement pursuant to the provisions set forth in Paragraph XII.

2. During all field activities, Volunteer shall have on-Site a representative who is qualified to supervise the activities undertaken and who may be an outside consultant retained by Volunteer to perform such supervision.

C. Revisions to Work Plans

If revisions to a Work Plan are required to satisfy the objectives of such Work Plan, the parties will negotiate revisions which shall be attached to and incorporated into the relevant Work Plan and enforceable under this Agreement. If the parties cannot agree upon revisions to the relevant Work Plan, then unless the Volunteer invokes the dispute resolution provisions of this Agreement pursuant to Paragraph XIII, either party may terminate this Agreement pursuant to Paragraph XII.

D. Submission of Final Reports

In accordance with the schedule contained in a Work Plan, Volunteer shall submit a final report containing on the cover page the caption of that Work Plan as set forth in Subparagraph II.A of this Agreement. The final report pertaining to that Work Plan's implementation shall include but not be limited to: all data generated relative to the Site and all other information obtained as part of the implementation of the subject Work Plan; all of the assessments and evaluations required by the subject Work Plan; a statement of any additional data that must be collected; "as-built" drawings, to the extent necessary, showing all changes made during construction. Additionally, the final report relative to the Investigation Work Plan shall contain a certification by the person with primary responsibility for the day to day performance of the activities under this Agreement that those activities were performed in full accordance with the Investigation Work Plan and all other final reports must contain such certification made by a professional engineer with primary responsibility for the day to day performance of the activities under this Agreement.

An OM&M Work Plan, if necessary, shall be submitted with the final report relative to an IRM Work Plan or a Remediation Work Plan.

E. Review of Submittals

1. The Department shall timely notify Volunteer in writing of its approval or disapproval of each submittal. All Department-approved submittals shall be incorporated into and become an enforceable part of this Agreement.

2. If the Department disapproves a submittal, it shall specify the reasons for its disapproval and may request Volunteer to modify or expand the submittal. Within 30 days after receiving written notice that Volunteer's submittal has been disapproved,

Volunteer shall either make a revised submittal that corrects the stated deficiencies or elect to terminate the Agreement pursuant to Paragraph XII. If the Volunteer submits a revised submittal and it is disapproved, the Department and Volunteer may pursue whatever remedies may be available under this Agreement or under law.

3. Within 30 days of the Department's approval of a final report, such report must be submitted to the Department in an electronic format acceptable to the Department.

F. Department's Determination of Need for Remediation

In addition to the Department's approval of the final report, the Department will determine upon its approval of each final report dealing with the investigation of the Site whether remediation, or additional remediation as the case may be, is needed to allow the Site to be used for the Contemplated Use.

1. If the Department determines that remediation, or additional remediation, is not needed to allow the Site to be used for the Contemplated Use, the Department shall provide Volunteer with the Release described in Subparagraph II.H.

2. If the Department determines that remediation, or additional remediation, is needed to allow the Site to be used for the Contemplated Use, Volunteer may, at its sole discretion, submit for review and approval a proposed Work Plan (or a revision to an existing Remediation Work Plan for the Site) which addresses the remediation of Existing Contamination. Such proposed Work Plan shall include, among other requirements, an evaluation of the proposed remedy considering the factors set forth in 6 NYCRR 375-1.10(c). At a minimum, the remedial activities contemplated by the proposed Work Plan must eliminate or mitigate all significant threats to the public health or environment and must be protective for the safe implementation of the Site's Contemplated Use. The Department will notice a proposed Work Plan addressing the Site's remediation for public comment in accordance with Subparagraph II.G of this Agreement. If Volunteer elects not to develop a Work Plan under this Subparagraph or either party concludes that a mutually acceptable Work Plan under this Subparagraph cannot be negotiated, then this Agreement shall terminate in accordance with Paragraph XII.

G. Notice of Proposed Work Plan for the Site's Remediation

Whenever a Work Plan for the Site's remediation (other than an IRM Work Plan) is proposed, the Department will publish a notice in the Environmental Notice Bulletin to inform the public of the opportunity to submit comments on the proposed Work Plan within 30 days after the date of the issue in which the notice appears. The Department shall mail an equivalent notice to the City of New York, County of Kings and Borough of Brooklyn. The Department will notify Volunteer following the close of the public comment period whether the proposed Work Plan needs to be revised. If the Department determines that revisions are necessary to protect human health or the environment for the Contemplated Use, Volunteer

agrees to negotiate revisions to the proposed Work Plan in accordance with Paragraph II.C. If the Department determines that no revisions are required, then the Work Plan shall be attached hereto as Exhibit "B".

H. Release and Covenant Not To Sue

Upon the Department's determination that i) it is satisfied with the implementation of the Agreement; ii) no remedial activities other than those conducted at the Site, if any, are necessary for the Contemplated Use to proceed with protection of human health and the environment; and iii) Volunteer has complied, if required, with Paragraph X, the Department shall provide Volunteer with a Release and Covenant Not to Sue which is substantially similar to the one attached hereto as Exhibit "C", subject to the terms and conditions stated therein.

III. Progress Reports

Volunteer shall submit written monthly progress reports to the parties identified in Subparagraph XI.A.1. by the 10th day of each month commencing with the month subsequent to the approval of the first Work Plan and ending with the Termination Date. Such reports shall, at a minimum, include: all actions taken pursuant to this Agreement during the previous month and those anticipated for the next month; all results of sampling and tests and all other data received or generated by Volunteer or Volunteer's contractors or agents, whether under this Agreement or otherwise, in the previous month, including quality assurance/quality control information; and information regarding percentage of completion, unresolved delays encountered or anticipated that may affect the future schedule, and efforts made to mitigate such delays.

IV. Enforcement

This Agreement shall be enforceable as a contractual agreement under the laws of the State of New York. Volunteer shall not suffer any penalty or be subject to any proceeding or action if it cannot comply with any requirement of this Agreement as a result of a Force Majeure Event provided it notifies the Department in writing within 10 business days of when it obtains knowledge of any such event. Volunteer shall include in such notice the measures taken and to be taken to prevent or minimize any delays and shall request an appropriate extension or modification of this Agreement. Volunteer shall have the burden of proving by a preponderance of the evidence that an event qualifies as a defense to compliance pursuant to this Paragraph.

V. Entry upon Site

Volunteer hereby consents, upon reasonable notice under the circumstances presented, to entry upon the Site or areas in the vicinity of the Site which may be under the control of Volunteer, by any duly designated officer or employee of the Department or any State agency having jurisdiction with respect to the matters addressed in a Department-

approved Work Plan, and any agent, consultant, contractor or other person so authorized by the Commissioner, all of whom shall abide by the health and safety rules in effect for the Site. Upon request, Volunteer shall permit the Department full access to all non-privileged records relating to matters addressed by this Agreement and to job meetings. Raw data is not considered privileged and that portion of any privileged document containing raw data must still be provided to the Department.

VI. Payment of State Costs

Within 30 days after receipt of an itemized invoice from the Department, Volunteer shall pay to the Department a sum of money which shall represent reimbursement for the State's expenses for work performed at or in connection with the Site prior to the effective date of this Agreement, as well as for negotiating this Agreement and all costs associated with this Agreement, but not including any expenses incurred by the State after the Termination Date. Each such payment shall be made by certified check payable to the Department of Environmental Conservation and shall be sent to: Bureau of Program Management, Division of Environmental Remediation, New York State Department of Environmental Conservation, 50 Wolf Road, Albany, NY 12233-7010.

Personal service costs shall be documented by reports of Direct Personal Service, which shall identify the employee name, title, biweekly salary, and time spent (in hours) on the project during the billing period, as identified by an assigned time and activity code. Non-personal service costs shall be summarized by category of expense (*e.g.*, supplies, materials, travel, contractual) and shall be documented by expenditure reports.

VII. Reservation of Rights

A. Except as provided in the Release and Covenant Not to Sue (Exhibit "C") after its issuance, nothing contained in this Agreement shall be construed as barring, diminishing, adjudicating, or in any way affecting any of the Department's rights including, but not limited to, the right to recover natural resource damages, the right to take any investigatory or remedial action deemed necessary, and the right to exercise summary abatement powers with respect to any party, including Volunteer.

B. Except as otherwise provided in this Agreement, Volunteer specifically reserves all defenses under applicable law respecting any Departmental assertion of remedial liability against Volunteer, and further reserves all rights respecting the enforcement of this Agreement, including the rights to notice, to be heard, to appeal, and to any other due process. The existence of this Agreement or Volunteer's compliance with it shall not be construed as an admission of liability, fault or wrongdoing by Volunteer, and shall not give rise to any presumption of law or finding of fact which shall inure to the benefit of any third party.

C. Except as provided in Subparagraph XIV.M, Volunteer reserves such rights as it may have to seek and obtain contribution and/or indemnification from its insurers and from

other potentially responsible parties or their insurers for past or future response/cleanup costs or such other costs or damages arising from the contamination at the Site as provided under applicable State and Federal law.

VIII. Indemnification

Volunteer shall indemnify and hold the Department, the State of New York, and their representatives and employees harmless for all claims, suits, actions, damages, and costs of every name and description arising out of or resulting from the fulfillment or attempted fulfillment of this Agreement prior to the Termination Date except for liability arising from willful, wanton or malicious acts or acts constituting gross negligence by the Department, the State of New York, and/or their representatives and employees during the course of any activities conducted pursuant to this Agreement.

IX. Notice of Sale or Conveyance

A. Within 30 days after the effective date of this Agreement, Volunteer shall cause to be filed the Notice of Agreement, which is attached to this Agreement as Exhibit "D", with the County Clerk in the county in which the Site is located and provide evidence of such filing to the Department. Volunteer may terminate such Notice on or after the Termination Date.

B. If Volunteer proposes to convey the whole or any part of Volunteer's ownership interest in the Site, Volunteer shall, not fewer than 60 days before the date of conveyance, notify the Department in writing of the identity of the transferee and of the nature and proposed date of the conveyance and shall notify the transferee in writing, with a copy to the Department, of the applicability of this Agreement. However, such obligation shall not extend to the granting of any rights under any mortgage, deed, trust, assignment, judgment, lien, pledge, security agreement, lease or any other right accruing to a person to secure the repayment of money or the performance of a duty or obligation by a person not affiliated with Volunteer.

X. Deed Restriction

Within 60 days of the Department's approval of a Remediation Work Plan which relies upon institutional controls, Volunteer shall, unless otherwise authorized by the Department in writing, cause to be recorded a Department-approved instrument to run with the land with the County Clerk in the county in which the Site is located which is substantially similar to Exhibit "E" attached to this Agreement, and shall provide the Department with a copy of such instrument certified by such County Clerk to be a true and faithful copy. The Volunteer may petition the Department to terminate the deed restriction filed pursuant to this Paragraph when the Site is protective of human health and the environment for residential uses without reliance upon the restrictions set forth in such instrument. The Department will not unreasonably withhold its approval of such petition.

XI. Communications

A. All written communications required by this Agreement shall be transmitted by United States Postal Service, by private courier service, or hand delivered.

1. Communication from Volunteer shall be sent to:

Ioana Munteanu- Ramnic, Technical Project Manager
New York State Department of Environmental Conservation
One Hunters Point Plaza
47-20 21st Street
Long Island City, New York 11101-5407

Note: four copies (one unbound) of work plans are required to be sent.

Thomas Lang, Regional VCP Coordinator, Region 2
New York State Department of Environmental Conservation
One Hunters Point Plaza
47-20 21st Street
Long Island City, New York 11101-5407

G. Anders Carlson
Director, Bureau of Environmental Exposure Investigation
New York State Department of Health
Flanigan Square
547 River Street
Troy, New York 12180-2216

Note: two copies of work plans are required to be sent, and

Denise J. D'Ambrosio
Assistant Counsel
New York State Department of Environmental Conservation
200 White Plains Road - 5th Floor
Tarrytown, New York 10591-5805

2. Communication from the Department to Volunteer shall be sent to:

Nicholas Ward-Willis, Esq.
Keane & Beane, P.C.
One North Broadway
White Plains, New York 10601

B. The Department and Volunteer reserve the right to designate additional or different addressees for communication on written notice to the other.

XII. Termination of Agreement

Either party may elect to terminate this Agreement, in which event this Agreement shall terminate effective the 5th day after the written notification terminating this Agreement, except that such termination shall not affect the provisions contained in Paragraphs IV, VI and VIII and in Subparagraph XIV.M, nor Volunteer's obligation to ensure that it does not leave the Site in a condition, from the perspective of human health and environmental protection, worse than that which prevailed before any activities were commenced under this Agreement, which provisions and obligation shall survive the termination of this Agreement.

XIII. Dispute Resolution

Volunteer may commence dispute resolution within 20 days of Volunteer's receipt of the Department's notice of disapproval of a submittal or proposed Work Plan, disapproval of a final report, or termination of this Agreement pursuant to Subparagraph XIV.A.2. Disputes regarding Work Plan development and revision shall be heard by the Bureau Director of the Division of Environmental Remediation's remedial bureau within which the Site is located. All other disputes subject to dispute resolution shall be heard by the Assistant Division Director of the Division of Environmental Remediation. Volunteer shall serve upon the Department a request for dispute resolution and a written statement of the issues in dispute, the relevant facts upon which the dispute is based, factual data, analysis or opinion supporting its position, and all supporting documentation upon which Volunteer relies (hereinafter called the "Statement of Position"). The Department shall serve its Statement of Position no later than 20 days after receipt of Volunteer's Statement of Position. Volunteer shall have the burden of proving that the Department's position should not prevail. A meeting or telephone conference can be scheduled if it will promote a resolution of the issues. A final decision resolving the dispute will be issued timely. The final decision shall constitute a final agency action and Volunteer shall have the right to seek judicial review of the decision pursuant to Article 78 of the CPLR if Volunteer commences such proceeding no later than 30 days after receipt of a copy of the decision. The invocation of dispute resolution shall not extend, postpone or modify Volunteer's obligations under this Agreement with respect to any item not in dispute unless or until the Department agrees or a court determines otherwise. The Department shall keep an administrative record which shall be available consistent with Article 6 of the Public Officers Law.

XIV. Miscellaneous

A. 1. Volunteer hereby certifies that all information known to Volunteer and all information in the possession or control of Volunteer and its agents which relates in any way to the contamination existing at the Site on the effective date of this Agreement, and to any past or potential future release of hazardous substances, pollutants, or contaminants at or from the Site, and to its application for this Agreement, has been fully and accurately disclosed to the Department.

2. If the information provided and certifications made by Volunteer are not materially accurate and complete, this Agreement, except with respect to the provisions of Paragraphs IV, VI and VIII and Subparagraph XIV.M, at the sole discretion of the Department, and shall be null and void *ab initio* 15 days after the Department's notification of such inaccuracy or incompleteness and the Department shall reserve all rights that it may have, unless, however, Volunteer submits information within that 15 day time period indicating that the information provided and the certifications made were materially accurate and complete.

C. Each party shall have the right to take samples and to obtain split samples, duplicate samples, or both, of all substances and materials sampled by the other party.

D. Volunteer shall allow the Department to attend and shall notify the Department at least 5 business days in advance of any field activities to be conducted pursuant to this Agreement as well as any prebid meetings, job progress meetings, substantial completion meeting and inspection, and final inspection and meeting.

E. Volunteer shall obtain all permits, easements, rights-of-way, rights-of-entry, approvals, or authorizations necessary to perform Volunteer's obligations under this Agreement, except that the Department may exempt Volunteer from the requirement to obtain any permit issued by the Department for any activity that is conducted on the Site and that the Department determines satisfies all substantive technical requirements applicable to like activity conducted pursuant to a permit.

F. Volunteer shall not be considered an operator of the Site solely by virtue of having executed and/or implemented this Agreement.

G. Volunteer shall provide a copy of this Agreement to each contractor and subcontractor hired to perform work required by this Agreement and to each person representing Volunteer with respect to the Site and shall condition all contracts entered into in order to carry out the obligations identified in this Agreement upon performance in conformity with the terms of this Agreement.

H. The paragraph headings set forth in this Agreement are included for convenience of reference only and shall be disregarded in the construction and interpretation of any provisions of this Agreement.

I. 1. The terms of this Agreement shall constitute the complete and entire Agreement between the Department and Volunteer concerning the implementation of the Work Plan(s) attached to this Agreement. No term, condition, understanding or agreement purporting to modify or vary any term of this Agreement shall be binding unless made in writing and subscribed by the party to be bound. No informal advice, guidance, suggestion, or comment by the Department regarding any report, proposal, plan, specification, schedule, or any other submittal shall be construed as relieving Volunteer of Volunteer's obligation to obtain such formal approvals as may be required by this Agreement. In the event of a

conflict between the terms of this Agreement and any Work Plan submitted pursuant to this Agreement, the terms of this Agreement shall control over the terms of the Work Plan(s) attached as Exhibit "B". Volunteer consents to and agrees not to contest the authority and jurisdiction of the Department to enter into or enforce this Agreement.

2. If Volunteer desires that any provision of this Agreement be changed, Volunteer shall make timely written application to the Commissioner with copies to the parties listed in Subparagraph XI.A and the Commissioner or her designee shall timely respond. This Subparagraph shall not extend to revisions to any Work Plan.

J. The activities to be undertaken under the terms of this Agreement are not subject to review under the State Environmental Quality Review Act, ECL Article 8, and its implementing regulations.

K. If there are multiple parties, the term "Volunteer" shall be read in the plural where required to give meaning to this Agreement. Further, the obligations of the Volunteers under this Agreement are joint and several and the "bankruptcy" or inability to continue by any Volunteer shall not affect the obligations of the remaining Volunteer(s) to carry out the obligations under this Agreement.

L. Except as provided in Subparagraph XIV.M., and to the extent authorized under 42 U.S.C. Section 9613 and any other applicable law, Volunteer shall not be liable for any claim, now or in the future, in the nature of contribution by potentially responsible parties concerning the alleged contamination which is the subject matter of this Agreement. In any future action brought by Volunteer against a potentially responsible party under the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, the provisions of 42 U.S.C. Section 9613(f)(3) shall apply.

M. Volunteer and its employees, servants, agents, lessees, sublessees, successors, and assigns hereby waive any right to pursue reimbursement of monies expended by Volunteer prior to the Termination Date as against the State or the Spill Fund, and agree to indemnify and hold harmless the Spill Fund from any and all legal or equitable claims, suits, causes of action, or demands whatsoever with respect to the Site that any of same has or may have as a result of Volunteer's entering into or fulfilling the terms of this Agreement with respect to the Site.

N. Volunteer, Volunteer's lessees, sublessees, successors, and assigns shall be bound by this Agreement. Any change in ownership of Volunteer including, but not limited to, any transfer of assets or real or personal property, shall in no way alter Volunteer's responsibilities under this Agreement. Volunteer's successors and assigns shall provide to the Department a certification that they agree to be bound by this Agreement within 30 days of becoming a successor or assign.

O. The effective date of this Agreement shall be the date it is signed by the Commissioner or her designee.

DATED: April 1, 2001

ERIN M. CROTTY, COMMISSIONER
NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

CONSENT BY VOLUNTEER

Volunteer hereby consents to the issuing and entering of this Agreement, waives Volunteer's right to a hearing herein as provided by law, and agrees to be bound by this Agreement.

Fyn Paint and Lacquer Co., Inc., Volunteer

By: WILLIAM FEINSTEIN

Title: PRESIDENT

STATE OF NEW YORK)
) ss.:
COUNTY OF Westchester)

On the 7th day of February, in the year 2001, before me, the undersigned, personally appeared William Feinstein, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgment

NICHOLAS M. WARD-WILLIS
NOTARY PUBLIC, STATE OF NEW YORK
NO. 02WA5027769
QUALIFIED IN WESTCHESTER COUNTY
COMMISSION EXPIRES MAY 18, 1998
2002

Exhibit "A"

MAP OF SITE

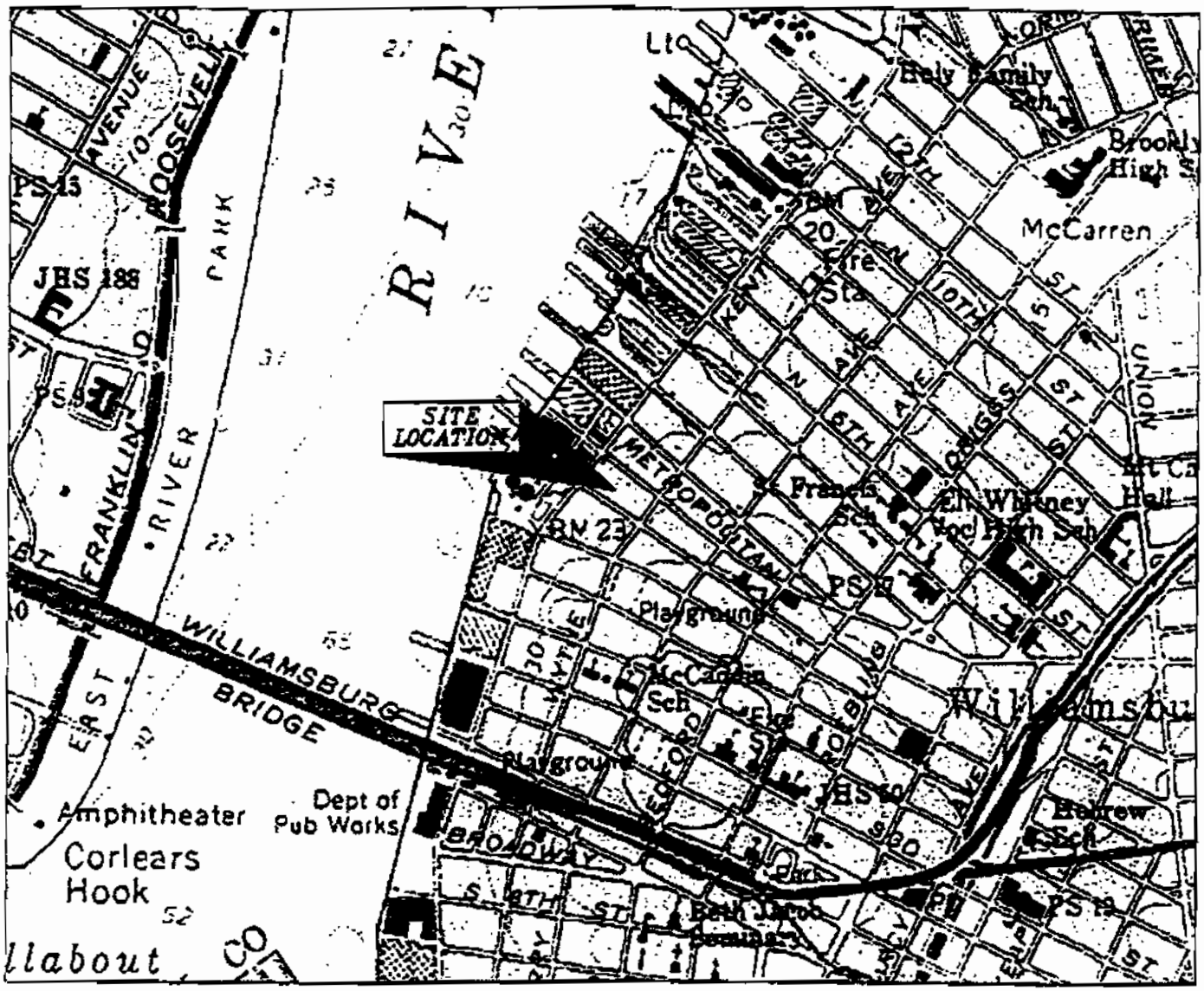

Figure 1 Site Location Map

SCALE 1:12000

500 0 500 1000 1500 2000 2500 3000 3500 FEET

Reproduced from USGS Brooklyn, New York Quadrangle

Fenley & Nicol

Exhibit "B"

DEPARTMENT-APPROVED WORK PLAN(S)

Exhibit "C"

RELEASE AND COVENANT NOT TO SUE

Unless otherwise specified in this letter, all terms used in this letter shall have the meaning assigned to them under the terms of the Voluntary Cleanup Agreement entered into between the New York State Department of Environmental Conservation (the "Department") and Fyn Paint and Lacquer Co., Inc. ("Volunteer"), Index No.W21-0873-00-10 (the "Agreement").

The Department is pleased to report that the Department is satisfied that the Agreement's Work Plan(s) relative to the Site, located at 230 Kent Avenue, Brooklyn, New York has been successfully implemented.

The Department therefore, hereby releases, covenants not to sue, and shall forbear from bringing any action, proceeding, or suit against Volunteer and Volunteer's lessees and sublessees, successors and assigns, and their respective secured creditors, for the further investigation and remediation of the Site, based upon the release or threatened release of Covered Contamination, provided that (a) timely payments of the amounts specified in Paragraph VI of the Agreement continue to be or have been made to the Department, (b) appropriate deed restrictions remain recorded in accordance with Paragraph X of the Agreement, and (c) Volunteer and/or its' lessees, sublessees, successors, or assigns promptly commence and diligently pursue to completion the Work Plan providing for OM&M, if any. Nonetheless, the Department hereby reserves all of its respective rights concerning, and such release, covenant not to sue, and forbearance shall not extend to natural resource damages or to any further investigation or remedial action the Department deems necessary:

- due to migration off-Site of contaminants resulting in impacts to environmental resources, to human health, or to other biota that are not inconsequential and to off-Site migration of petroleum;

- due to environmental conditions or information related to the Site which were unknown at the time this Release and Covenant not to Sue was issued and which indicate that the Contemplated Use cannot be implemented with sufficient protection of human health and the environment;

- due to Volunteer's failure to implement the Agreement to the Department's satisfaction; or

- due to fraud committed by Volunteer in entering into or implementing this Agreement.

Additionally, the Department hereby reserves all of respective rights concerning, and any such release, covenant not to sue, and forbearance shall not extend toVolunteer nor to any of Volunteer's lessees, sublessees, successors, or assigns who cause or allow a release or threat of release at the Site of any hazardous substance (as that term is defined at 42 USC 9601[14]) or petroleum (as that term is defined in Navigation Law § 172[15]), other than Covered Contamination; or cause or allow the use of the Site to change from the Contemplated Use to one requiring a lower level of residual contamination before that use can be implemented with sufficient protection of human health and the environment; nor to any of Volunteer's lessees, sublessees, successors, or assigns who is otherwise a party responsible under law for the remediation of the Existing Contamination independent of any obligation that party may have respecting same resulting solely from the Agreement's execution.

Notwithstanding the above, however, with respect to any claim or cause of action asserted by the Department the one seeking the benefit of this release, covenant not to sue, and forbearance shall bear the burden of proving that the claim or cause of action, or any part thereof, is attributable solely to Covered Contamination.

Notwithstanding any other provision in this release, covenant not to sue, and forbearance,

- if with respect to the Site there exists or may exist a claim of any kind or nature on the part of the New York State Environmental Protection and Spill Compensation Fund against any party, nothing in this letter shall be construed or deemed to preclude the State of New York from recovering such claim.

- except as provided in this letter and in Agreement, nothing contained in the Agreement or in this letter shall be construed as barring, diminishing, adjudicating, or in any way affecting any of the Department's rights (including, but not limited to, the right to recover natural resources damages) with respect to any party, including Volunteer.

- nothing contained in this letter shall prejudice any rights of the Department to take any investigatory or remedial action it deems necessary if Volunteer fails to comply with the Agreement or if contamination other than Existing Contamination is encountered at the Site.

- nothing contained in this letter shall be construed to prohibit the Commissioner or his duly authorized representative from exercising any summary abatement powers.

- nothing contained in this letter shall be construed to affect the Department's right to terminate the Agreement under the terms of the Agreement at any time during its implementation if Volunteer fails to comply substantially with the Agreement's terms and conditions.

In conclusion, the Department is pleased to be part of this effort to return the Site to productive use of benefit to the entire community.

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:_____

Dated:_____

Appendix "A"

(to Exhibit "C")

Map of the Site

Exhibit "D"

NOTICE OF AGREEMENT

This Notice is made as of the _____ day of _____, 2001 by Fyn Paint and Lacquer Co., Inc., regarding a parcel of real property located at 230 Kent Avenue, Brooklyn, New York 11211, at latitude 40° 42' 30" and longitude 73° 57' 30" with Kings County Tax Map Identifier Numbers, District 16, Block 2362, Lot 1 ("Property"); and

WHEREAS, Fyn Paint and Lacquer Co., Inc. ("Volunteer"), entered into a Voluntary Cleanup Agreement ("Agreement") with the Department of Environmental Conservation ("Department") Index #W2-0873-00-10, concerning the remediation of contamination present on the Property, which Agreement was signed by the Commissioner of the Department of Environmental Conservation on _____; and

WHEREAS, in return for the remediation of the Property pursuant to the Agreement to the satisfaction of the Department, the Department will provide Volunteer and its lessees and sublessees, successors and assigns, including their respective secured creditors, with a release, covenant not to sue, and forbearance from bringing any action, proceeding, or suit related to the Site's further investigation or remediation, subject to certain reservations set forth in the Agreement; and

WHEREAS, pursuant to the Agreement, Volunteer agreed to give notice of the Agreement to all parties who may acquire any interest in the Property by filing this Notice with the Kings County Clerk,

NOW, THEREFORE, Volunteer, for itself and for its successors and assigns, declares that:

1. This Notice of the Agreement is hereby given to all parties who may acquire any interest in the Property; and

2. This Notice shall terminate upon the filing by Volunteer, or its successors and assigns, of a termination of notice of Agreement after having first received approval to do so from the New York State Department of Environmental Conservation or having terminated the Agreement pursuant to its Paragraph XII.

IN WITNESS WHEREOF, Volunteer has executed this Notice of Agreement by its duly authorized representative.

Dated: By: _____

Exhibit "E"

DEED RESTRICTION

Fyn Paint and Lacquer Co. Inc., shall prohibit the Site from ever being used for purposes other than for the Contemplated Use without the express written waiver of such prohibition by the Department, or if at such time the Department shall no longer exist, any New York State department, bureau, or other entity replacing the Department;

Fyn Paint and Lacquer Co., Inc., shall prohibit the use of the groundwater underlying the Site without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the Department, or if at such time the Department shall no longer exist, any New York State department, bureau, or other entity replacing the Department;

Fyn Paint and Lacquer Co, Inc., on behalf of itself and its successors and assigns, shall continue in full force and effect any institutional and engineering controls the Department requires Volunteer to put into place and maintain; and

Fyn Paint and Lacquer Co., Inc., on behalf of itself and its successors and assigns, hereby consents to the enforcement by the Department, or if at such time the Department shall no longer exist, any New York State department, bureau, or other entity replacing the Department, of the prohibitions and restrictions that this Paragraph X requires to be recorded, and hereby covenants not to contest such enforcement.

Glossary of Terms

The following terms shall have the following meanings:

"ALJ": Administrative Law Judge.

"Covered Contamination": the concentrations of Existing Contamination remaining on the Site on the date that the Department issues the Release set forth in Exhibit "C".

"ECL": the Environmental Conservation Law.

"Force Majeure Event": an event which is brought on as a result of fire, lightning, earthquake, flood, adverse weather conditions, strike, shortages of labor and materials, war, riot, obstruction or interference by adjoining landowners, or any other fact or circumstance beyond Volunteer's reasonable control.

"Day": a calendar day unless otherwise specified.

"Department": the New York State Department of Environmental Conservation.

"IRM": an interim remedial measure which is a discrete set of activities which can be undertaken without extensive investigation and evaluation to prevent, mitigate, or remedy environmental damage or the consequences of environmental damage attributable to a Site.

"NL": the Navigation Law.

"OM&M Plan": the Department-approved work plan detailing post-remedial operation, maintenance, and monitoring at the Site that Volunteer shall implement.

"Professional engineer": an individual registered as a professional engineer in accordance with Article 145 of the New York State Education Law. If such individual is a member of a firm, that firm must be authorized to offer professional engineering services in the State of New York in accordance with Article 145 of the New York State Education Law.

"Spill Fund": the New York State Environmental Protection and Spill Compensation Fund.

"State Costs": all the State's expenses including, but not limited to, direct labor, fringe benefits, indirect costs, travel, analytical costs, and contractor costs incurred by the State of New York for negotiating, implementing, and administering this Agreement. Approved agency fringe benefit and indirect cost rates will be applied.

"Termination Date": the date upon which (i) the Release (Exhibit "C") is issued or the Department approves the final report relative to the OM&M at the Site, whichever is later; or (ii) the Agreement terminates pursuant to Paragraph XII. or Subparagraph XIV.A.2.

"Trustee": the Trustee of New York State's natural resources.

"Work Plan": a Department-approved work plan, as may be modified, pertaining to the Site that Volunteer shall implement and that is attached to this Agreement.

D.W. Fyn

SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK
VCP #V00380-2

Prepared For

Fyn Paint & Lacquer Co., Inc.

September 2003

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive, Suite 112
White Plains, NY 10604
(914) 694-5711

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SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK
VCP #V00380-2

SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT

1.0 INTRODUCTION

Leggette, Brashears & Graham, Inc. (LBG) was retained by Fyn Paint & Lacquer Co., Inc. (Fyn) to conducted a Supplemental Remedial Investigation under the Voluntary Cleanup Program (VCP) in the vicinity of their facility at 230 Kent Avenue, Greenpoint, Brooklyn, New York. Fyn has entered into the Voluntary Cleanup Program (VCP) with the New York State Department of Environmental Conservation (NYSDEC) [NYSDEC Site ID V00380-2, Index No. W2-0873-00-10]. The purpose of the investigation was to further delineate the extent of contaminants encountered during the previous subsurface investigation conducted in May and June 2001. A copy of the NYSDEC approval letter is included in Appendix A. This investigation is described in the LBG report "Subsurface Investigation, Fyn Paint & Lacquer Co., Consolidated Edison, North First Street and Vicinity, Brooklyn, New York", dated February 2002.

The Supplemental Remedial Investigation consisted of the following:

- Sampling soil gas from beneath the Fyn building floor, the sidewalk outside the Fyn building and the ambient air within the building for laboratory analysis.
- Drilling of soil borings and sampling of soil at 8 locations surrounding and within the Fyn building for laboratory analysis.
- Construction of monitor wells within the 8 new soil borings.
- Sampling of ground water, for laboratory analysis, from the new and existing monitor wells.
- Survey of the new well locations and casing elevations and measurement of water levels within all wells at low and high tides to develop ground-water elevation contour maps.
- Laboratory analysis of air, soil and ground-water samples.
- Data evaluation and preparation of this report.

2.0 FIELD INVESTIGATION

2.1 Soil Gas and Ambient Air Sampling

On July 2, 2003, soil gas samples were collected from 5 points beneath the sidewalks adjacent to the east, south and west sides of the Fyn building. Sample locations are shown on figure 1. The sidewalk was drilled and a stainless steel probe was driven to between 3.5 and 4.0 ft bg (feet below grade). The probe was removed and a stainless-steel sampling tube with perforations along the bottom 0.5 foot was inserted in the hole. The hole in the sidewalk where the tube was inserted was sealed with modeling clay to prevent dilution of soil gas by ambient air. Soil gas was withdrawn with a peristaltic pump set to a 0.1 liter per minute flow rate and collected in laboratory supplied tedlar bags which were stored in a cool, dark environment prior to shipment. The soil gas was shipped to York Analytical Laboratories (York) of Stamford, Connecticut for analysis of volatile organic compounds (VOCs) by EPA Method TO-15. The stainless steel probe and sampling tube was decontaminated between sample points. The holes were filled with sand and the sidewalk was sealed with concrete-sealing material.

On July 29, 2003, soil gas was sampled from 2 points beneath the floor of the Fyn building and an ambient air sample was collected from inside the building. Soil-gas sample locations are shown on figure 1. The samples were collected with the same methodology described above except that two soil-gas samples were collected from each location; one immediately below the concrete slab and one at 2.5 feet below the slab. The ambient air sample was collected by placing the pump intake 5 feet above the floor in the center of the building.

2.2 Soil Boring, Soil Sampling

Between July 21 and August 8, 2003, an LBG hydrogeologist supervised the drilling of 11 soil borings. Soil boring locations are shown on figure 2. Drilling was completed by Aquifer Drilling & Testing, Inc. (ADT) of New Hyde Park, New York.

With the exception of Boring MW-16, all drilling was accomplished using the hollow-stem auger method. Two attempts were made to drill the MW-16 boring with an auger but an impassable subsurface obstruction was encountered. MW-16 was completed using a mud-

rotary technique. All boring locations were cleared for subsurface utilities and obstructions either by vacuum truck or hand digging, prior to the start of drilling.

Soil was sampled in advance of the auger using a 2-foot split-spoon sampling device. The split spoon was cleaned with alconox and water and rinsed with water between samples. Soil samples were visually inspected, recorded on a geologic log and screened for the presence of VOCs with a photoionization detector (PID). The soil sample collected from above the ground water interface was placed in laboratory-supplied containers for analysis. If the soil sample exhibiting the highest PID response did not correspond with this interface sample, it too was packaged for laboratory analysis. In some instances where VOCs were detected in soil sampled below the ground water, a soil sample was analyzed to determine the vertical extent of contamination. Soil was sampled at 2 to 5-foot intervals to the ground water in MW-10 and MW-11 and continuously to where practical beneath the ground water in all other borings.

All soil samples were sent to Toxikon Corporation (Toxikon) of Bedford, Massachusetts for analysis of VOCs, semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, cyanide and Target Analyte List (TAL) metals by methods outlined in the EPA SW-846 publication. Laboratory results were completed with an ASP Category B Deliverables package.

Soil cuttings generated during drilling were transferred to DOT approved 55-gallon steel drums and stored temporarily inside the Fyn building pending removal for disposal. Several soil samples from these drums were composited and sent to American Analytical Laboratories for analysis of disposal characteristics in accordance with the disposal facility. The drums were removed from the Fyn building on August 14 and August 28, 2003 by American Environmental Assessment Corporation of Wyandanch, New York. Soil was disposed at Vexor Technology, Inc. of Medina, Ohio. Transportation and disposal manifests are included in Appendix B.

2.3 Monitor Well Construction

Following the completion of soil borings, a monitor well was installed in the borehole. Because of subsurface obstructions, no monitor wells were installed in Soil Boring MW-9 or the first two MW-16 borings. All monitor wells installed during the Supplemental

Investigation with the exception of MW-16, are constructed of 4-inch diameter, Schedule 40, 0.020-slot PVC well screen and 4-inch diameter, Schedule 40 PVC riser pipe. MW-16 was constructed with 2-inch diameter PVC screen and riser pipe. Twenty feet of well screen was set in each boring with the exception of MW-12 where a subsurface obstruction necessitated that 15 feet of screen be used.

The annular space surrounding each well screen was filled with No. 2 quartz filter sand from the bottom of the boring to 2 feet above the top of the well screen. A bentonite seal was placed above the sand pack. Wells were completed at grade with a well plug and 8-inch diameter street box.

The newly-installed monitor wells were developed to remove fine material from the sand pack and from within the well screen by surging them with a PVC bailer and evacuating turbid well water with a suction pump or bailer. Approximately 50 gallons of development water was removed from each new well. All development water was contained in 55-gallon drums inside the Fyn building and disposed in the same manner, and on the same dates as the drill cuttings. Transportation and disposal manifests are included in Appendix C.

2.4 Ground-Water Sampling

On August 7, 2003, ground-water samples were collected from Monitor Wells MW-1, MW-2, MW-3, MW-5 and MW-8. Depth to ground water and total depth of each well was measured with a clean interface meter and the standing well volume was calculated. Three well volumes were removed from each well with dedicated polyethylene bailers. The water inside each well was allowed to recover and fine material allowed to settle out prior to sampling. Ground water was sampled with a bailer and sent to Toxikon for analysis of VOCs and SVOCs. The ground-water sample from MW-5 was additionally analyzed for TAL metals and cyanide.

On August 13, 2003, ground-water samples were collected from Monitor Wells GP-1, GP-2 and CE-4. These wells are 1-inch diameter and were purged and sampled by using a peristaltic pump and dedicated polyethylene and tygon tubing. Three well volumes were removed from each well prior to sampling. Samples from GP-1, GP-2 and CE-4 were analyzed by Toxikon for VOCs and SVOCs.

Ground-water samples were collected from Monitor Wells MW-9A, MW-10, MW-11, MW-12, MW-13, MW-14 and MW-16 between August 19 and August 25, 2003. These wells were constructed with 20 feet of well screen set from 15 to 17 feet below ground water. The wells were designed to be sampled at several different depths to define the vertical distribution of dissolved compounds.

These new wells were sampled by inserting a double 4-inch packer into the well to isolate a 2-foot section of the well screen. The packers were attached to a 2-foot length of 2-inch diameter steel pipe with holes for the admission of ground water. The packer assembly was lowered into the monitor well by attaching successive lengths of 2-inch diameter steel pipe. Once the packer assembly was set at the target sampling interval, a variable-rate submersible pump was lowered to the bottom of the packer assembly.

Single-use polyethylene tubing conveyed the water to the surface where it passed through a flow through cell containing a Horiba U-22XD multiparameter meter. The flow rate was set to less than 500 ml/m (milliliters per minute). Conductivity, turbidity, temperature, dissolved oxygen, oxygen-reduction potential and pH were measured during well evacuation. Samples were collected from the pump discharge upon successful stabilization of the above parameters. After completing the shallow sample interval in each well, the packer assembly was lowered to the next sample interval and the procedure was repeated. All samples were analyzed by Toxikon for VOCs and SVOCs. Six samples were additionally analyzed for TAL metals, cyanide, PCBs and pesticides. Monitor Wells MW-15 and CE-1 were not sampled due to the presence of free-phase product, details of which will be discussed in a following section. Monitor Wells CE-2, CE-3 and GP-3 were dry.

The remaining wells (MW-4, MW-6, MW-7 and MW-16) were sampled on August 21 and 25, 2003, by purging 3 well volumes with a submersible pump and sampling either with a bailer or from the pump discharge. Parameters were recorded during purging. An attempt was made to sample MW-16 at multiple intervals below the water table but due to the meager amount of water which flowed into the well, it was evacuated and sampled with a bailer after recovery.

Table 1 summarizes the depth intervals at which each well was sampled and the compounds for which each sample was analyzed. All purge water was contained for future

disposal (removed from the site on August 14 and August 28, 2003). Transportation and disposal manifests are included in Appendix B.

2.5 Monitor Well Survey and Water Level Measurements

On August 13, 2003, a differential leveling survey was conducted with a Topcon AT-G6 autolevel to determine the elevations of the tops of casings for the new monitor wells. Measurements were related to existing monitor wells, the elevations for which were previously established relative to the Brooklyn Topographic Datum. The horizontal position of each well was measured with measuring tape or measuring wheel relative to previously established well positions.

On August 22, 2003, the depths to ground water were measured in each monitor well with an electronic interface probe. The probe was decontaminated between wells. The measurement of wells near the East River was done near the time of low tide along the river. The measurements of all wells were repeated on September 22, 2003 at a time near high tide on the East River.

3.0 SOIL AND GROUND-WATER QUALITY

3.1 Soil Gas/Ambient-Air Survey Results

Laboratory results for the soil gas and ambient air samples are summarized on table 2. VOCs were detected in every soil-gas sample as well as the ambient air sample. The most prevalent VOC was acetone and was detected at concentrations up to 1,180,000 ppbv (parts per billion by volume) [Sample AS-6]. Other VOCs detected at high concentrations were toluene, xylenes and isopropanol. The exterior and interior soil-gas samples with the highest concentrations and greatest number of compounds detected were AS-1 and AS-6, respectively.

The ambient air sample was dominated by acetone, toluene and isopropanol. The acetone concentration was 540 ppbv. Laboratory results are included as Appendix C.

3.2 Soil Analysis Results

3.2.1 VOCs

Laboratory analysis of soil samples for VOCs are summarized on table 3 and indicates that 12 of the 13 samples analyzed (8 soil borings) contained at least one VOC at a concentration above the Method Detection Limit (MDL). Of the 8 soil borings completed, 4 contained VOCs at concentrations which exceeded the NYSDEC Recommended Soil Clean-up Objectives (RSCO) as outlined in the Technical Administrative and Guidance Memorandum (TAGM) 4046. These borings were MW-11, MW-12, MW-13 and MW-15.

The most prevalent VOC was xylenes and was detected at concentrations up to 2,100,000 ug/kg (micrograms per kilogram) [MW-15, 15-17 ft bg]. Other VOCs detected at high concentrations were toluene, ethylbenzene, acetone and 4-methyl-2-pentanone (methyl isobutyl ketone or MIBK). The most highly VOC-impacted soil came from the MW-15 boring followed by MW-11 and MW-12.

3.2.2 SVOCs

Laboratory analysis of soil samples for SVOCs are summarized on table 4 and indicate that 3 of 13 samples analyzed (8 soil borings) contained at least 1 SVOC at a concentration above the MDL. Of the 8 soil borings completed, 3 contained SVOCs at concentrations above TAGM 4046 RSCO. These borings were MW-10, MW-14 and MW-15.

The SVOC with the greatest exceedance above RSCO was benzo(a)pyrene which was detected at concentrations up to 210 ug/kg (micrograms per kilogram). The other SVOCs detected above RSCO were benz(a)anthracene and 2-methylphenol. The most highly SVOC-impacted soil came from MW-10 and MW-14.

3.2.3 PCBs and Pesticides

No PCBs or pesticides were detected at concentrations above the MDL in any of the 13 soil samples.

3.2.4 Metals

Every metal on the TAL metals list except silver was detected in at least one soil sample. Results are summarized on table 5. On average, iron, aluminum and magnesium were detected at the highest concentrations in the soil samples.

Individual cleanup objectives for many of the metals in TAGM 4046 are listed as a numeric concentration or "site background". No soil samples were collected during this investigation with the intent of establishing general site background metals concentrations. In an industrial, urban area such as the Fyn location, it is expected that metals concentrations in soil to be ubiquitous. Therefore. comparison of metals analysis results from this investigation to the numerically-specific RSCOs should not be considered as exceedance of the soil cleanup standards.

Seven metals were detected at concentrations exceeding their numerical Cleanup Objectives (iron, cadmium, chromium, nickel, selenium, zinc and copper).

Laboratory summary pages for soil analysis are included as Appendix D. Category B deliverables are submitted to the NYSDEC under separate cover.

3.3 Ground-Water Analysis Results

3.3.1 VOCs

Laboratory analysis of ground-water samples for VOCs are summarized on table 6 and indicate that of the 18 monitor wells sampled, 14 contained ground water with detectable concentrations of VOCs (above the MDL). VOCs at concentrations above the NYSDEC Ground-Water Quality Standard or Guidance Value (GWQS or GV) were detected in ground-water samples from

MW-4, MW-5, MW-6, MW-7, MW-8, MW-9A, MW-10, MW-11, MW-12, MW-16, GP-1 and GP-2.

The most prevalent VOCs in ground-water samples were xylenes, toluene, ethylbenzene and acetone. Xylenes and ethylbenzene were detected at their greatest concentrations in the MW-12 ground-water samples (xylenes at 56,000 ug/l [micrograms per liter] and ethylbenzene at 9,700 ug/l). Toluene was detected at 87,000 ug/l in one of the MW-9A samples and acetone was detected at 9,500 ug/l in the MW-4 sample. Figure 4 is a map showing dissolved concentrations for the most prevalent VOCs.

Monitor Wells MW-9A, MW-10, MW-11, MW-12, MW-13 and MW-14 were sampled at several depth intervals to lend insight to the vertical ground-water quality distribution. Dominant, lighter-than-water (specific gravity < 1.0) VOCs showed a decreased concentration with depth in most of the wells. For example, ethylbenzene, toluene and xylene concentrations in MW-9A samples decreased between 59 percent and 61 percent from the top sample (17-19 ft bg) to the bottom sample (25-27 ft bg). Ethylbenzene in MW-11 and acetone in MW-12 did not follow this trend and increased in concentration with depth. Chlorinated solvents (specific gravity > 1.0) concentrations remained the same or increased with depth (see table 6, MW-9A, MW-10 and MW-14).

3.3.2 SVOCs

SVOC laboratory results are summarized on table 7. Of the 18 monitor wells sampled, 14 contained ground water with detectable concentrations of SVOCs (above the MDL). SVOCs at concentrations above the GWQS or GV were detected in ground-water samples from MW-11, MW-12 and CE-4.

The most prevalent SVOCs in ground-water samples were bis (2-ethylhexyl)phthalate, 2,4-dimethylphenol, 2-methylphenol and benzyl alcohol. Bis (2-ethylhexyl) phthalate was detected at a concentration of 200 ug/l

in the CE-4 sample. 2,4-dimethylphenol was detected at a concentration of 90 ug/l in the MW-11 sample (23-25 ft bg interval).

Most SVOCs exhibited a decreased concentration with depth in those wells sampled at several intervals although several compounds did not follow this trend (see table 7).

3.3.3 PCBs and Pesticides

No PCBs or pesticides were detected at concentrations above the MDL in any of the ground-water samples.

3.3.4 Metals

Seven ground-water samples were analyzed for total TAL metals. Laboratory results are summarized on table 8. Each sample had a minimum of 4 and a maximum of 8 metals that exceed the GWQS or GV for that particular metal. Predominant metals in ground water include iron, sodium and manganese. Ground-water samples from MW-12 and MW-14 contained metals at the highest overall concentrations. Laboratory summary pages for ground-water analysis are included as Appendix E. Category B deliverables are submitted to the NYSDEC under separate cover.

4.0 HYDROGEOLOGY

Based on soil samples collected during drilling for monitor wells, subsurface geology consists mainly of medium to fine brown sand with varying amounts of silt and gravel. Geologic logs for the SRI borings are attached in Appendix F. Several borings (MW-9A, MW-11, MW-12, MW-13, MW-14 and MW-15) encountered coarse sand at depths between 9 and 24 ft bg and extending to 31 ft bg in some cases. Heavy drilling and/or auger refusal was encountered in MW-9 at 10.5 ft bg, MW-12 at 24 ft bg, MW-13 at 7-9 ft bg and MW-16 at 9-20 ft bg. Presumably, this heavy drilling is the result of a cobble/boulder layer at these depths.

Ground water depth below top of well-casing was measured between 5.41 feet (GP-2) and 18.03 feet (MW-D) on August 22, 2003. Ground-water elevations on this date ranged between -1.42 feet (MW-2) and 3.11 feet (MW-16) relative to the site datum.

Figures 5 and 6 are ground-water elevation contour maps for August 22 and September 22, 2003 and were measured near the times of low tide and high tide along the East River, respectively.

Ground water surrounding the site flows westward toward the East River. Ground water beneath the Fyn building is between 0.2 and 0.9 foot higher in elevation than areas to the east as evidenced by measurements in MW-11, MW-15, MW-16 and MW-9A. This causes the contour lines to bend toward the west and indicates a radial flow pattern toward the west, northwest and west-southwest.

Monitor Well CE-1 was not used in contouring these maps. The elevation of the product detected in CE-1 is 5 to 6 feet higher than the water and product elevations measured in wells only 40 and 70 feet away (MW-16 and MW-15, respectively). The water/product in this well may be abnormally high due to vadose zone material entering and becoming trapped in the well or due to its proximity to the tank grave of the underground storage tanks (UST) beneath the Con Edison parking lot.

Comparison of the ground-water elevation contour maps for times of low and high tide along the East River does not indicate a significant change in the ground-water flow patterns between the two. Influence of ground-water elevation by the East River tides extends approximately 100 feet inland from the shoreline. This is not far enough to impact the flow patterns within the areas of the dissolved plume or free-phase product.

Free-phase product was measured in Monitor Wells MW-15, CE-1 and MW-9A. Thicknesses of 0.48 and 0.02 foot were measured in CE-1 on August 7 and August 22, 2003. Product was first detected in MW-9A on September 22, 2003 at a thickness of 0.01 foot.

Product was first measured in MW-15 on August 4, 2003 at a thickness of approximately 5 feet. Product has been removed from MW-15 by hand-bailing 2 to 3 times per week and is contained in a steel 55-gallon drum within the Fyn building. Product thickness prior to bailing has varied between 1 and 2 feet. Table 9 summarizes water levels for the two measurement dates.

5.0 CONCLUSIONS

Laboratory analysis of soil samples collected during the SRI indicate the presence of VOCs including xylenes, toluene, ethylbenzene, acetone and methyl isobutyl ketone. Concentrations in soil were highest in the MW-11, MW-12, MW-13 and MW-15 borings. The impacted soil exists at and below the water table. PID screening indicated little or no VOCs in soil above the water table with the exception of MW-15 and MW-16.

Analysis of ground-water samples indicates the presence of dissolved VOCs in most of the ground-water samples. Twelve wells contained dissolved VOCs at concentrations above NYSDEC GWQS. Greatest VOC impact to ground water exists in the region of MW-4, MW-9A, MW-11, MW-12, MW-15, MW-16 and CE-1. Although little soil impact was detected in the MW-9A boring, high concentrations of VOCs were detected in ground-water samples from this monitor well. Conversely, VOCs observed in MW-13 soil samples were not reflected in ground-water samples.

The dissolved VOC plume extends to the northwest to MW-4 and MW-12 but not as far as CE-4, GP-2 or MW-1. Its lateral limit to the west is defined by low levels or no VOCs in MW-8, MW-10 and MW-14.

Free-phase product was observed in MW-15, CE-1 and MW-9A and has been observed in CE-2 in the past. The greatest thickness is near MW-15. The product appears to be confined to the area beneath the north wall of the Fyn building and an unknown portion of the Con Edison parking lot north of Fyn.

LEGGETTE, BRASHEARS & GRAHAM, INC.

Paul Woodell
Senior Hydrogeologist

Affirmed By:

Dan C. Buzea, CPG
Vice President

dmd
September 30, 2003
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TABLES

Table 1
FYN PAINT & LACQUER COMPANY
230 KEBT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Ground-Water Sample Depths
and Compounds Analyzed

Well ID	Static Water Level Prior to Sampling (ft btoc)	Intervals Sampled (ft btoc)	Compounds Analyzed	Purging/Sampling Technique
MW-1	8.51	8.51-23*	VOCs, SVOCs	3 volumes, bailer
MW-2	9.32	9.32-20*	VOCs, SVOCs	3 volumes, bailer
MW-3	2.31	2.31-30*	VOCs, SVOCs	3 volumes, bailer
MW-4	10.93	10.93-16*	VOCs, SVOCs	Sub. pump/bailer
MW-5	8.37	8.37-20*	VOCs, SVOCs, metals, cyanide	3 volumes, bailer
MW-6	17.85	17.85-29*	VOCs, SVOCs	Sub. pump/low flow
MW-7	17.81	17.81-30*	VOCs, SVOCs	Sub. pump/low flow
MW-8	12.81	12.81-25*	VOCs, SVOCs	3 volumes, bailer
MW-9A	14.95	17-19 21-23 25-27	VOCs, SVOCs VOCs, SVOCs, metals, PCBs, pest., cyanide VOCs, SVOCs	Sub. pump/low flow
MW-10	9.66	11-13 18-20 25-27	VOCs, SVOCs VOCs, SVOCs VOCs, SVOCs	Sub. pump/low flow
MW-11	13.17	15-17 23-25	VOCs, SVOCs, metals, PCBs, pest., cyanide VOCs, SVOCs	Sub. pump/low flow
MW-12	9.96	13-15 21-23	VOCs, SVOCs, metals, PCBs, pest., cyanide VOCs, SVOCs	Sub. pump/low flow
MW-13	17.92	19-21 24-26 28-30	VOCs, SVOCs VOCs, SVOCs, metals, PCBs, pest., cyanide VOCs, SVOCs	Sub. pump/low flow
MMW-14	11.49	13-15 20-22 25-27	VOCs, SVOCs, metals, PCBs, pest., cyanide VOCs, SVOCs VOCs, SVOCs	Sub. pump/low flow
MW-15	not sampled (free product)			
MW-16	15.51	15.51-33*	VOCs, SVOCs, metals, PCBs, pest., cyanide	3 volumes, bailer
GP-1	6.82	6.82-10.2*	VOCs, SVOCs	3 volumes, parastaltic
GP-2	5.37	5.37-8.94*	VOCs, SVOCs	3 volumes, parastaltic
GP-3	not sampled (dry)			
CE-1	not sampled (free product)			
CE-2	not sampled (dry)			
CE-3	not sampled (dry)			
CE-4	5.61	5.61-8.64*	VOCs, SVOCs	3 volumes, parastaltic

ft btoc = feet below top of casing

* well evacuated and left to recover before sampling, therefore sample assumed to represent entire saturated water column

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TABLE 2

FYN PAINT & LACQUER COMPANY
230 KENT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Subsurface Air Samples - EPA Method TO-15
Collected July 2 and July 29, 2003

		AS-1	AS-2	AS-3	AS-4	AS-5	AS-6	AS-6	AS-7	AS-7	Ambient Air
	Interval (ft bg)[1/]	3.7-4.2	3.8-4.3	3.0-3.5	3.5-4.0	3.5-4.0	0.5-1.0	1.75-2.25	0.75-2.25	2.0-2.5	NA
	Units										
1,1,1 trichloroethane	(ppbv)[2/]		6	20	86	14	2,130	3,400			
1,1 Dichloroethane	(ppbv)	52			4.8						
1,2,4 trimethylbenzene	(ppbv)		1.6	1.2	1.6	1.2					1.7
2,2,4-trimethylpentane	(ppbv)						220				
Acetone	(ppbv)		28	31	110	38	1,180,000	695,000	269,000	405,000	540
Benzene	(ppbv)	310	1.3	1.5	8.1	6.1	2,200	4,800			0.83
Chloroethane	(ppbv)	490									
cis-1,3-dichloropropylene	(ppbv)	34									
Ethylbenzene	(ppbv)	1,100	26	6.1	5.2	27	1,960	25,200	10,000	6,200	25.8
o-xylene	(ppbv)	130	5.2	1.4	3.3	4.7	240	4,200	3,700	3,300	12.1
p&m xylene	(ppbv)	2,970	81	17	13	70	1,670	23,600	13,000	9,100	31.9
Tetrachloroethylene	(ppbv)		1.9	16	3.2	7.2	230	1,270			
Toluene	(ppbv)	690	15	15	90	39	235,000	313,000	135,000	180,000	180
Trichloroethylene	(ppbv)	20		1.4	6.2	1	270	700			
Vinyl chloride	(ppbv)	350									
MTBE	(ppbv)	13			91						0.8
Ethylacetate	(ppbv)						4,500	2,200			8
Isopropanol	(ppbv)	68	186	168	200	160	55,000	39,700	10,400	9,000	55
Methyl ethyl ketone	(ppbv)				28		15,100	26,000		470	13.9
Methyl isobutyl ketone	(ppbv)						1,300	2,200	6,300	220	4.7
n-Hexane	(ppbv)	2,800		2		17	370	390			1.6
n-Heptane	(ppbv)	960				11			620		
4-Ethyltoluene	(ppbv)										1.3
Carbon disulfide	(ppbv)		10	10	12	9					1.3

1/ Feet below grade

2/ Parts per billion by volume

3/ Not detected

dmd

22-Sep-03

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Table 3

FYN PAINT & LACQUER COMPANY
230 KEBT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Soil Quality, Volatile Organic Compounds
Sampled Between July 21 and August 8, 2003

Compound	Sample ID	MW-9	MW-9A	MW-9A	MW-10	MW-11	MW-12	MW-13	MW-13	MW-14	MW-15	MW-15	MW-15	MW-15	MW-16	TAGM 4046
	Interval (ft bg)	10.0-10.5	14-16	29-31	12-14	13-15	13-14	22-23	29-31	11-13	9-11	15-17	15-17	29-31	9-9.5	RSCO
		DF=1	DF=1	DF=1	DF=1	DF=500	DF=500	DF=5	DF=50	DF=1	DF=1	DF=1,000	DF=25,000	DF=200	DF=1	
	units															
1,2,4-trimethylbenzene	(ug/kg)					780 (J)						2,500 (J)				13,000
1,3,5-trimethylbenzene	(ug/kg)											1,500 (J)				3,300
2-butanone (MEK)	(ug/kg)		12	4 (J)							23				1 (J)	300
2-hexanone	(ug/kg)						630 (J)									---
4-methyl-2-pentanone (MIBK	(ug/kg)						1,800 (J)									1,000
Acetone	(ug/kg)	42	39 (B)	29 (B)	40						61 (B)	45,000		49,000 (E)		200
cis-1,2-dichloroethene	(ug/kg)			2 (J)												---
Ethylbenzene	(ug/kg)			2 (J)		56,000	49,000	240			5 (J)	480,000 (E)	410,000	400 (J)	3 (J)	5,500
Isopropylbenzene	(ug/kg)											5,500 (J)				2,300
Methylene chloride	(ug/kg)														1 (J)	100
n-propylbenzene	(ug/kg)											2,000 (J)				3,700
Naphthalene	(ug/kg)	1 (J)														13,000
Styrene	(ug/kg)						1,600 (J)									---
Tetrachloroethene	(ug/kg)			2 (J)												1,400
Toluene	(ug/kg)	6 (J)	6 (J)	21		95,000	21,000	900	10,000		30		4,400,000	22,000	13	1,500
Trichloroethene	(ug/kg)			2 (J)												700
Xylenes	(ug/kg)	1 (J)	2 (J)	14		290,000	260,000	1,100	2,300		39	1,900,000	2,100,000	2,000 (J)	22	1,200

ft bg = feet below grade
TAGM 4046 RSCO = Technical & Administrative Guidance Memorandum 4046 Recommended Soil Cleanup Objective
DF = dilution factor
ug/kg = micrograms per kilogram
(J) = indicates an estimated value. data indicate the presence of a compound less than the sample quantitation limit
(B) = analyte is found in the associated blank as well as in the sample
(E) = compound concentration exceeds the calibration range of the GC/MS
exceeds RSCO

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Table 4

FYN PAINT & LACQUER COMPANY
230 KEBT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Soil Quality, Semivolatile Organic Compounds
Sampled Between July 21 and August 8, 2003

	Sample ID	MW-9	MW-9A	MW-9A	MW-10	MW-11	MW-12	MW-13	MW-13	MW-14	MW-15	MW-15	MW-15	MW-16	MW-16	
	Interval (ft bg)	10.0-10.5	14-16	29-31	12-14	13-15	13-14	22-23	29-31	11-13	9-11	15-17	29-31	9-9.5	9-9.5	TAGM 4046
		DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=10	RSCO
Compound	units															
2-methylphenol	(ug/kg)							60 (J)				120 (J)	45 (J)			100 or MDL
4-methylphenol	(ug/kg)						40 (J)	89 (J)				120 (J)	51 (J)			900 or MDL
2,4-dimethylphenol	(ug/kg)						250 (J)									50,000
Phenanthrene	(ug/kg)	39 (J)			130 (J)		65 (J)			410				45 (J)		50,000
Anthracene	(ug/kg)									84 (J)						50,000
Di-n-butylphthalate	(ug/kg)													260 (J)		8,100
Fluoranthene	(ug/kg)	60 (J)			220 (J)		56 (J)			560				50 (J)		50,000
Pyrene	(ug/kg)	53 (J)			180 (J)		51 (J)			460				50 (J)		50,000
Benz (a) anthracene	(ug/kg)				93 (J)					230 (J)						224 or MDL
Chrysene	(ug/kg)				100 (J)					240 (J)						400
Bis (2-ethylhexyl) phthalate	(ug/kg)	390			790	410	920			44 (J)				3,800	4,500	50,000
Benzo (b) fluoranthene	(ug/kg)				110 (J)	43 (J)				230 (J)						1,100
Benzo (k) fluoranthene	(ug/kg)				100 (J)					230 (J)						1,100
Benzo (a) pyrene	(ug/kg)				98 (J)					210 (J)						61 or MDL
Indeno (1,2,3-cd) pyrene	(ug/kg)									73 (J)						3,200
Benzo (g,h,i) perylene	(ug/kg)					45 (J)				75 (J)						50,000

ft bg = feet below grade
TAGM 4046 RSCO = Technical & Administrative Guidance Memorandum 4046 Recommended Soil Cleanup Objective
DF = dilution factor
ug/kg = micrograms per kilogram
(J) = indicates an estimated value. data indicate the presence of a compound less than the sample quantitation limit
exceeds RSCO

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Table 5

FYN PAINT & LACQUER COMPANY
230 KEBT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Soil Quality, Target Analyte List Metals + Cyanide
Sampled Between July 21 and August 8, 2003

	Sample ID	MW-9	MW-9A	MW-9A	MW-10	MW-11	MW-12	MW-13	MW-13	MW-14	MW-15	MW-15	MW-15	MW-16	TAGM 4046
	Interval (ft bg)	10.0-10.5	14-16	29-31	12-14	13-15	13-14	22-23	29-31	11-13	9-11	15-17	29-31	9-9.5	RSCO
Metal	units														
Aluminum	mg/kg	8050	4220	2420	5560	6080	4950	2050	1920	4610	6540	3620	3200	7510	SB
Antimony	mg/kg			1.2 (B)	0.31 (B)	0.32 (B)					0.45 (B)				SB
Arsenic	mg/kg	2.4	0.86 (B)	0.73 (B)	3.5	2.5	2.4	0.27(B)	2.7	1.5	1.45 (B)	0.76 (B)	0.87 (B)	1.9	7.5 or SB
Barium	mg/kg	63.2	41.1	19.9 (B)	28.1	47.2	29	13.0 (B)	15.9 (B)	41.8	59.1	38.8	28.2	57.1	300 or SB
Beryllium	mg/kg	0.64	0.44 (B)	0.25 (B)	0.46 (B)	0.57 (B)	0.47 (B)	0.24 (B)	0.45 (B)	0.47 (B)	0.48 (B)	0.44 (B)	0.34 (B)	0.50 (B)	0.16 or SB
Cadmium	mg/kg	4.6	1.44 (B)	0.64	1.8	4.1	2.4	0.47 (B)	3.1	1.47 (B)	1.3	0.8	0.73	3.1	1 or SB
Calcium	mg/kg	3410	844	749	7900	2290	2050	393 (B)	263 (B)	731	1200	1110	841	11800	SB
Chromium	mg/kg	33.7	12.3	7.7	15.1	26.4	18.5	5.1	11.1	13.9	15.8	9	8.9	25.1	10 or SB
Cobalt	mg/kg	9.6	6.1	3.2 (B)	5.6 (B)	8.9	5.4 (B)	2.5 (B)	5.5 (B)	6.1	5.7	4.3 (B)	4.2 (B)	8.7	30 or SB
Copper	mg/kg	26.6	16.3	8.2	15.8	21.1	14.1	5.4	8.9	12.3	12.7	8.1	8.2	27.8	25 or SB
Iron	mg/kg	39700	13600	6080	15900	33800	22100	4940	28600	13500	13800	8240	7490	28100	2,000 or SB
Lead	mg/kg	33	5.5	2.8	31.7	28.6	22.6	1.9	5.3	14.3	6	3.8	3.3	45.3	SB
Magnesium	mg/kg	2230	1610	1210	2650	2160	1690	838	511 (B)	1720	3560	2030	1420	2790	SB
Manganese	mg/kg	558	404	269	202	541	252	206	307	173	104	264	307	461	SB
Mercury	mg/kg				0.09		0.04								0.1
Nickel	mg/kg	15.1	12.3	5.3	10.4	13.3	11	4.5 (B)	6.4	9.3	10.8	8.6	7.9	12.4	13 or SB
Potassium	mg/kg	1410	865	350 (B)	550 (B)	940	640	270 (B)	276 (B)	873	1560	856	577	1130	SB
Selenium	mg/kg	2.4	0.74	0.65	1.1	2.1	1.5	0.40 (B)	1.8	0.63	0.71	0.69	0.78	1.9	2 or SB
Silver	mg/kg														SB
Sodium	mg/kg	520 (B)	269 (B)	195 (B)	52.5 (B)	56.1 (B)	240 (B)	254 (B)	238 (B)	322 (B)	1260	1590	597	240 (B)	SB
Thallium	mg/kg		1.2	0.94 (B)	0.91 (B)								1.2		SB
Vanadium	mg/kg	57.5	21.5	10.6	20.4	43.6	29.6	7	27.4	20.5	22.2	12.4	10.9	44	150 or SB
Zinc	mg/kg	37.5	23.7	15	45.6	51	37.1	10.4	20.4	32.6	39.9	27	20.4	40.9	20 or SB
Cyanide	mg/kg														---

ft bg = feet below grade
TAGM 4046 RSCO = Technical & Administrative Guidance Memorandum 4046 Recommended Soil Cleanup Objective
mg/kg = milligrams per kilogram
exceeds RSCO numerical value

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Table 6

FYN PAINT & LACQUER COMPANY
230 KENT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Ground-Water Quality, Volatile Organic Compounds
Sampled on August 7, 21 and 25, 2003

	Sample ID	MW-1	MW-2	MW-3	MW-4	MW-4	MW-5	MW-6	MW-7	MW-8	
		DF=1	DF=1	DF=1	DF=50	DF=200	DF=1	DF=1	DF=1	DF=1	NYSDEC
Compound	units										GWQS or GV
1,1,1-trichloroethane	(ug/l)						220 (E)		9 (J)		5
1,1,2-trichloroethane	(ug/l)										1
1,1-dichloroethane	(ug/l)						20	6 (J)	6 (J)	4 (J)	5
1,1-dichloroethene	(ug/l)						230 (E)		1 (J)		5
1,2,3-trichloropropane	(ug/l)										0.04
1,2,4-trimethylbenzene	(ug/l)									6 (J)	5
1,2-dichlorobenzene	(ug/l)										3
1,3,5-trimethylbenzene	(ug/l)										5
2-butanone (MEK)	(ug/l)										50
2-hexanone	(ug/l)										50
4-methyl-2-pentanone	(ug/l)										---
Acetone	(ug/l)			14	9,300	9,500 (D)					50
Benzene	(ug/l)						1 (J)			6 (J)	1
Carbon tetrachloride	(ug/l)						10				5
Chlorobenzene	(ug/l)										5
Chloroethane	(ug/l)										5
Chloroform	(ug/l)						8 (J)				7
cis-1,2-dichloroethene	(ug/l)						9 (J)	11		42	5
Ethylbenzene	(ug/l)				4,100	4,700 (D)				20	5
Isopropylbenzene	(ug/l)									2 (J)	5
Methyl tert-butyl-ether	(ug/l)						1 (J)			2 (J)	10
Methylene chloride	(ug/l)										5
n-propylbenzene	(ug/l)										5
Naphthalene	(ug/l)										10
Styrene	(ug/l)										5
Tetrachloroethene	(ug/l)						180	21			5
Toluene	(ug/l)				18,000 (E)	21,000 (D)					5
Trans-1,2-dichloroethene	(ug/l)									1 (J)	5
Trichloroethene	(ug/l)						34	29	3 (J)		5
Vinly chloride	(ug/l)						2 (J)			31	2
Xylenes	(ug/l)				20,000	24,000 (D)				140	5

NYSDEC GWQS or GV = New York State Department of Environmental Conservation Ground-Water Quality Standards or Guidance Values
DF = dilution factor
ug/l = micrograms per liter
(J) = indicates an estimated value. data indicate the presence of a compound less than the sample quantitation limit
(B) = analyte is found in the associated blank as well as in the sample
(E) = compound concentration exceeds the calibration range of the GC/MS
(D) = compound identified in an analysis at a secondary dilution factor
exceeds GWQS

Table 6 (cont.)

FYN PAINT & LACQUER COMPANY
230 KENT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Ground-Water Quality, Volatile Organic Compounds
Sampled August 13, 2003

	Sample ID	GP-1	GP-2	GP-3	CE-1	CE-2	CE-3	CE-4	
		DF=1	DF=1					DF=1	NYSDEC
Compound	units								GWQS or GV
1,1,1-trichloroethane	(ug/l)		4 (J)						5
1,1,2-trichloroethane	(ug/l)	4 (J)							1
1,1-dichloroethane	(ug/l)		8 (J)						5
1,1-dichloroethene	(ug/l)		9 (J)						5
1,2,3-trichloropropane	(ug/l)								0.04
1,2,4-trimethylbenzene	(ug/l)								5
1,2-dichlorobenzene	(ug/l)								3
1,3,5-trimethylbenzene	(ug/l)								5
2-butanone (MEK)	(ug/l)								50
2-hexanone	(ug/l)								50
4-methyl-2-pentanone	(ug/l)								---
Acetone	(ug/l)								50
Benzene	(ug/l)	2 (J)							1
Carbon tetrachloride	(ug/l)								5
Chlorobenzene	(ug/l)								5
Chloroethane	(ug/l)								5
Chloroform	(ug/l)								7
cis-1,2-dichloroethene	(ug/l)	2 (J)	12						5
Ethylbenzene	(ug/l)								5
Isopropylbenzene	(ug/l)								5
Methyl tert-butyl-ether	(ug/l)		7 (J)						10
Methylene chloride	(ug/l)								5
n-propylbenzene	(ug/l)								5
Naphthalene	(ug/l)								10
Styrene	(ug/l)								5
Tetrachloroethene	(ug/l)		14						5
Toluene	(ug/l)								5
Trans-1,2-dichloroethene	(ug/l)								5
Trichloroethene	(ug/l)		7 (J)						5
Vinly chloride	(ug/l)		2 (J)						2
Xylenes	(ug/l)								5

NYSDEC GWQS or GV = New York State Department of Environmental Conservation Ground-Water Quality Standards or Guidance Values
DF = dilution factor
ug/l = micrograms per liter
(J) = indicates an estimated value. data indicate the presence of a compound less than the sample quantitation limit
(B) = analyte is found in the associated blank as well as in the sample
(E) = compound concentration exceeds the calibration range of the GC/MS
(D) = compound identified in an analysis at a secondary dilution factor
exceeds GWQS

Table 6 (cont.)

FYN PAINT & LACQUER COMPANY
230 KENT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Ground-Water Quality, Volatile Organic Compounds
Sampled August 19 and 21, 2003

	Sample ID	MW-9A	MW-9A	MW-9A	MW-9A	MW-9A	MW-9A	MW-10	MW-10	MW-10	MW-11	MW-11	
	Interval	(17-19 ftbg)	(17-19)	(21-23)	(21-23)	(25-27)	(25-27)	(11-13)	(18-20)	(25-27)	(15-17)	(23-25)	
		DF=100	DF=500	DF=10	DF=500	DF=10	DF=500	DF=1	DF=1	DF=1	DF=10	DF=25	NYSDEC
Compound	units												GWQS or GV
1,1,1-trichloroethane	(ug/l)												5
1,1,2-trichloroethane	(ug/l)												1
1,1-dichloroethane	(ug/l)												5
1,1-dichloroethene	(ug/l)												5
1,2,3-trichloropropane	(ug/l)								8 (J)	8 (J)			0.04
1,2,4-trimethylbenzene	(ug/l)			19 (J)		14 (J)					11 (J)		5
1,2-dichlorobenzene	(ug/l)							1 (J)	2 (J)	2 (J)			3
1,3,5-trimethylbenzene	(ug/l)												5
2-butanone (MEK)	(ug/l)												50
2-hexanone	(ug/l)												50
4-methyl-2-pentanone	(ug/l)												---
Acetone	(ug/l)												50
Benzene	(ug/l)			21 (J)		14 (J)							1
Carbon tetrachloride	(ug/l)												5
Chlorobenzene	(ug/l)								2 (J)	2 (J)			5
Chloroethane	(ug/l)												5
Chloroform	(ug/l)												7
cis-1,2-dichloroethene	(ug/l)			230		330		5 (J)	6 (J)	6 (J)			5
Ethylbenzene	(ug/l)	5,700	6,600 (D)	3,300 (E)	4,400 (DJ)	2,200 (E)	2,700 (DJ)				550	1,400	5
Isopropylbenzene	(ug/l)			22 (J)		14 (J)							5
Methyl tert-butyl-ether	(ug/l)							1 (J)		1 (J)			10
Methylene chloride	(ug/l)												5
n-propylbenzene	(ug/l)												5
Naphthalene	(ug/l)												10
Styrene	(ug/l)												5
Tetrachloroethene	(ug/l)					11 (J)			1 (J)	1 (J)			5
Toluene	(ug/l)	69,000 (E)	87,000 (D)	27,000 (E)	57,000 (D)	20,000 (E)	35,000 (D)				95 (J)	46 (J)	5
Trans-1,2-dichloroethene	(ug/l)												5
Trichloroethene	(ug/l)			26 (J)		42 (J)		14	20	20			5
Vinly chloride	(ug/l)												2
Xylenes	(ug/l)	31,000	38,000 (D)	15,000 (E)	25,000 (D)	10,000 (E)	15,000 (D)				4,100	3,600	5

ft bg = feet below grade
NYSDEC GWQS or GV = New York State Department of Environmental Conservation Ground-Water Quality Standards or Guidance Values
DF = dilution factor
ug/l = micrograms per liter
(J) = indicates an estimated value. data indicate the presence of a compound less than the sample quantitation limit
(B) = analyte is found in the associated blank as well as in the sample
(E) = compound concentration exceeds the calibration range of the GC/MS
(D) = compound identified in an analysis at a secondary dilution factor
exceeds GWQS

Table 6 (cont.)

FYN PAINT & LACQUER COMPANY
230 KENT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Ground-Water Quality, Volatile Organic Compounds
Sampled August 19 and 21, 2003

	Sample ID	MW-9A	MW-9A	MW-9A	MW-9A	MW-9A	MW-9A	MW-10	MW-10	MW-10	MW-11	MW-11	
	Interval	(17-19 ftbg)	(17-19)	(21-23)	(21-23)	(25-27)	(25-27)	(11-13)	(18-20)	(25-27)	(15-17)	(23-25)	
		DF=100	DF=500	DF=10	DF=500	DF=10	DF=500	DF=1	DF=1	DF=1	DF=10	DF=25	NYSDEC
Compound	units												GWQS or GV
1,1,1-trichloroethane	(ug/l)												5
1,1,2-trichloroethane	(ug/l)												1
1,1-dichloroethane	(ug/l)												5
1,1-dichloroethene	(ug/l)												5
1,2,3-trichloropropane	(ug/l)								8 (J)	8 (J)			0.04
1,2,4-trimethylbenzene	(ug/l)			19 (J)		14 (J)					11 (J)		5
1,2-dichlorobenzene	(ug/l)							1 (J)	2 (J)	2 (J)			3
1,3,5-trimethylbenzene	(ug/l)												5
2-butanone (MEK)	(ug/l)												50
2-hexanone	(ug/l)												50
4-methyl-2-pentanone	(ug/l)												---
Acetone	(ug/l)												50
Benzene	(ug/l)			21 (J)		14 (J)							1
Carbon tetrachloride	(ug/l)												5
Chlorobenzene	(ug/l)								2 (J)	2 (J)			5
Chloroethane	(ug/l)												5
Chloroform	(ug/l)												7
cis-1,2-dichloroethene	(ug/l)							5 (J)	6 (J)	6 (J)			5
Ethylbenzene	(ug/l)	5,700	6,600 (D)	3,300 (E)	4,400 (DJ)	2,200 (E)	2,700 (DJ)				550	1,400	5
Isopropylbenzene	(ug/l)			22 (J)		14 (J)							5
Methyl tert-butyl-ether	(ug/l)							1 (J)		1 (J)			10
Methylene chloride	(ug/l)												5
n-propylbenzene	(ug/l)												5
Naphthalene	(ug/l)												10
Styrene	(ug/l)												5
Tetrachloroethene	(ug/l)					11 (J)			1 (J)	1 (J)			5
Toluene	(ug/l)	69,000 (E)	87,000 (D)	27,000 (E)	57,000 (D)		35,000 (D)				95 (J)	46 (J)	5
Trans-1,2-dichloroethene	(ug/l)												5
Trichloroethene	(ug/l)			26 (J)		42 (J)		14	20	20			5
Vinly chloride	(ug/l)												2
Xylenes	(ug/l)	31,000	38,000 (D)	15,000 (E)	25,000 (D)	10,000 (E)	15,000 (D)				4,100	3,600	5

ft bg = feet below grade
NYSDEC GWQS or GV = New York State Department of Environmental Conservation Ground-Water Quality Standards or Guidance Values
DF = dilution factor
ug/l = micrograms per liter
(J) = indicates an estimated value. data indicate the presence of a compound less than the sample quantitation limit
(B) = analyte is found in the associated blank as well as in the sample
(E) = compound concentration exceeds the calibration range of the GC/MS
(D) = compound identified in an analysis at a secondary dilution factor
exceeds GWQS

Table 6 (cont.)

FYN PAINT & LACQUER COMPANY
230 KENT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Ground-Water Quality, Volatile Organic Compounds
Sampled August 20 and 25, 2003

	Sample ID	MW-12	MW-12	MW-12	MW-12	MW-13	MW-13	MW-13	MW-14	MW-14	MW-14	MW-15	MW-16	MW-16	
	Interval	(13-15 ftbg)	(13-15)	(21-23)	(21-23)	(19-21)	(24-26)	(28-30)	(13-15)	(20-22)	(25-27)				
		DF=1	DF=250	DF=1	DF=250	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1		DF=10	DF=50	NYSDEC
Compound	units														GWQS or GV
1,1,1-trichloroethane	(ug/l)								3 (J)	3 (J)	3 (J)				5
1,1,2-trichloroethane	(ug/l)														1
1,1-dichloroethane	(ug/l)	18		29											5
1,1-dichloroethene	(ug/l)														5
1,2,3-trichloropropane	(ug/l)														0.04
1,2,4-trimethylbenzene	(ug/l)	44		58											5
1,2-dichlorobenzene	(ug/l)														3
1,3,5-trimethylbenzene	(ug/l)	15		21											5
2-butanone (MEK)	(ug/l)														50
2-hexanone	(ug/l)														50
4-methyl-2-pentanone	(ug/l)	11		19											---
Acetone	(ug/l)	120		340 (E)									1,900	2,200 (D)	50
Benzene	(ug/l)	20		26											1
Carbon tetrachloride	(ug/l)														5
Chlorobenzene	(ug/l)														5
Chloroethane	(ug/l)			3 (J)											5
Chloroform	(ug/l)														7
cis-1,2-dichloroethene	(ug/l)			42											5
Ethylbenzene	(ug/l)	5,300 (E)	9,700 (D)	4,600 (E)	9,300 (D)								1,100	1,100 (D)	5
Isopropylbenzene	(ug/l)	33		45											5
Methyl tert-butyl-ether	(ug/l)														10
Methylene chloride	(ug/l)			21											5
n-propylbenzene	(ug/l)	23		28											5
Naphthalene	(ug/l)			2 (J)											10
Styrene	(ug/l)														5
Tetrachloroethene	(ug/l)	15		21					1 (J)	1 (J)	1 (J)				5
Toluene	(ug/l)	6,200 (E)	29,000 (D)	5,400 (E)	29,000 (D)								3,900 (E)	3,700 (D)	5
Trans-1,2-dichloroethene	(ug/l)														5
Trichloroethene	(ug/l)	5 (J)		9 (J)					5 (J)	5 (J)	5 (J)				5
Vinly chloride	(ug/l)	6 (J)		6 (J)											2
Xylenes	(ug/l)	7,700 (E)	56,000 (D)	6,700 (E)	51,000 (D)								6,300 (E)	7,000 (D)	5

ft bg = feet below grade
NYSDEC GWQS or GV = New York State Department of Environmental Conservation Ground-Water Quality Standards or Guidance Values
DF = dilution factor
ug/l = micrograms per liter
(J) = indicates an estimated value. data indicate the presence of a compound less than the sample quantitation limit
(B) = analyte is found in the associated blank as well as in the sample
(E) = compound concentration exceeds the calibration range of the GC/MS
(D) = compound identified in an analysis at a secondary dilution factor
exceeds GWQS

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Table 7

FYN PAINT & LACQUER COMPANY
230 KENT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Ground-Water Quality, Semivolatile Organic Compounds
Sampled on August 7, 21 and 25, 2003

	Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	
		DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	NYSDEC
Compound	units									GWQS or GV
Benzyl alcohol	(ug/l)				3 (J)					---
2-methylphenol	(ug/l)				12					---
4-methylphenol	(ug/l)				25					---
2,4-dimethylphenol	(ug/l)				12					50
Naphthalene	(ug/l)									10
2-methylnathphalene	(ug/l)									---
Acenaphthene	(ug/l)	5 (J)								20
Diethylphthalate	(ug/l)				3 (J)					50
Phenanthrene	(ug/l)									50
Anthracene	(ug/l)									50
Di-n-butylphthalate	(ug/l)									---
Fluoranthene	(ug/l)									50
Pyrene	(ug/l)									50
Benz (a) anthracene	(ug/l)									0.002
Chrysene	(ug/l)									0.002
Bis (2-ethylhexyl) phthalate	(ug/l)	1 (BJ)		2 (BJ)		2 (BJ)			3 (BJ)	5
Benzo (b) fluoranthene	(ug/l)									0.002
Benzo (k) fluoranthene	(ug/l)									0.002
Benzo (a) pyrene	(ug/l)									<MDL
Indeno (1,2,3-cd) pyrene	(ug/l)									0.002
Benzo (g,h,i) perylene	(ug/l)									---

ft bg = feet below grade

NYSDEC GWQS or GV = New York State Department of Environmental Conservation Ground-Water Quality Standards or Guidance Values

DF = dilution factor

ug/l = micrograms per liter

(J) = indicates an estimated value. data indicate the presence of a compound less than the sample quantitation limit

(B) = analyte is found in the associated blank as well as in the sample

(E) = compound concentration exceeds the calibration range of the GC/MS

(D) = compound identified in an analysis at a secondary dilution factor

exceeds GWQS

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Table 7 (cont.)

FYN PAINT & LACQUER COMPANY
230 KENT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Ground-Water Quality, Semivolatile Organic Compounds
Sampled August 13, 2003

	Sample ID	GP-1	GP-2	GP-3	CE-1	CE-2	CE-3	CE-4	CE-4	
		DF=1	DF=1					DF=1	DF=10	NYSDEC
Compound	units									GWQS or GV
Benzyl alcohol	(ug/l)									---
2-methylphenol	(ug/l)									---
4-methylphenol	(ug/l)									---
2,4-dimethylphenol	(ug/l)									50
Naphthalene	(ug/l)									10
2-methylnathphalene	(ug/l)									---
Acenaphthene	(ug/l)									20
Diethylphthalate	(ug/l)									50
Phenanthrene	(ug/l)									50
Anthracene	(ug/l)									50
Di-n-butylphthalate	(ug/l)									---
Fluoranthene	(ug/l)									50
Pyrene	(ug/l)									50
Benz (a) anthracene	(ug/l)									0.002
Chrysene	(ug/l)									0.002
Bis (2-ethylhexyl) phthalate	(ug/l)	3 (BJ)	4 (BJ)					210 (EB)	200 (DB)	5
Benzo (b) fluoranthene	(ug/l)									0.002
Benzo (k) fluoranthene	(ug/l)									0.002
Benzo (a) pyrene	(ug/l)									< MDL
Indeno (1,2,3-cd) pyrene	(ug/l)									0.002
Benzo (g,h,i) perylene	(ug/l)									---

ft bg = feet below grade

NYSDEC GWQS or GV = New York State Department of Environmental Conservation Ground-Water Quality Standards or Guidance Values

DF = dilution factor

ug/l = micrograms per liter

(J) = indicates an estimated value. data indicate the presence of a compound less than the sample quantitation limit

(B) = analyte is found in the associated blank as well as in the sample

(E) = compound concentration exceeds the calibration range of the GC/MS

(D) = compound identified in an analysis at a secondary dilution factor

exceeds GWQS

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Table 7 (cont.)

FYN PAINT & LACQUER COMPANY
230 KEBT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Ground-Water Quality, Semivolatile Organic Compounds
Sampled August 19 and 21, 2003

	Sample ID	MW-9A	MW-9A	MW-9A	MW-9A	MW-9A	MW-9A	MW-10	MW-10	MW-10	MW-11	MW-11	
	Interval	(17-19)	(17-19)	(21-23)	(21-23)	(25-27)	(25-27)	(11-13)	(18-20)	(25-27)	(15-17)	(23-25)	
Compound	units	DF=1	DF=10	DF=1	DF=10	DF=1	DF=10	DF=1	DF=1	DF=1	DF=1	DF=1	NYSDEC GWQS or GV
Benzyl alcohol	(ug/l)	54	50 (DJ)	29	26 (DJ)		16 (DJ)						---
2-methylphenol	(ug/l)	530 (E)	510 (D)	360 (E)	350 (D)	890 (E)	890 (DE)				2 (J)	2 (J)	---
4-methylphenol	(ug/l)	36		28									---
2,4-dimethylphenol	(ug/l)	17	19 (DJ)	11	12 (DJ)	8 (J)					51	90 (E)	50
Naphthalene	(ug/l)										2 (J)	2 (J)	10
2-methylnathphalene	(ug/l)												---
Acenaphthene	(ug/l)												20
Diethylphthalate	(ug/l)	1 (J)		1 (J)							2 (J)	1 (J)	50
Phenanthrene	(ug/l)												50
Anthracene	(ug/l)												50
Di-n-butylphthalate	(ug/l)												---
Fluoranthene	(ug/l)												50
Pyrene	(ug/l)												50
Benz (a) anthracene	(ug/l)												0.002
Chrysene	(ug/l)												0.002
Bis (2-ethylhexyl) phthalate	(ug/l)							2 (BJ)		1 (BJ)			5
Benzo (b) fluoranthene	(ug/l)												0.002
Benzo (k) fluoranthene	(ug/l)												0.002
Benzo (a)pyrene	(ug/l)												< MDL
Indeno (1,2,3-cd) pyrene	(ug/l)												0.002
Benzo (g,h,i) perylene	(ug/l)												---

ft bg = feet below grade

NYSDEC GWQS or GV = New York State Department of Environmental Conservation Ground-Water Quality Standards or Guidance Values

DF = dilution factor

ug/l = micrograms per liter

(J) = indicates an estimated value. data indicate the presence of a compound less than the sample quantitation limit

(B) = analyte is found in the associated blank as well as in the sample

(E) = compound concentration exceeds the calibration range of the GC/MS

(D) = compound identified in an analysis at a secondary dilution factor

exceeds GWQS

Table 7 (cont.)

FYN PAINT & LACQUER COMPANY
230 KEBT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Ground-Water Quality, Semivolatile Organic Compounds
Sampled August 20 and 25, 2003

	Sample ID	MW-12	MW-12	MW-13	MW-13	MW-13	MW-14	MW-14	MW-14	MW-16	
	Interval	(13-15)	(21-23)	(19-21)	(24-26)	(28-30)	(13-15)	(20-22)	(25-27)		
		DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	DF=1	NYSDEC
Compound	units										GWQS or GV
Benzyl alcohol	(ug/l)										---
2-methylphenol	(ug/l)	65	34							8 (J)	---
4-methylphenol	(ug/l)	57	30							11	---
2,4-dimethylphenol	(ug/l)	79	41								50
Naphthalene	(ug/l)										10
2-methylnathphalene	(ug/l)	1 (J)									---
Acenaphthene	(ug/l)										20
Diethylphthalate	(ug/l)										50
Phenanthrene	(ug/l)										50
Anthracene	(ug/l)										50
Di-n-butylphthalate	(ug/l)									2 (J)	---
Fluoranthene	(ug/l)										50
Pyrene	(ug/l)										50
Benz (a) anthracene	(ug/l)										0.002
Chrysene	(ug/l)										0.002
Bis (2-ethylhexyl) phthalate	(ug/l)		4 (BJ)				2 (BJ)	1 (BJ)	1 (BJ)	1 (J)	5
Benzo (b) fluoranthene	(ug/l)										0.002
Benzo (k) fluoranthene	(ug/l)										0.002
Benzo (a) pyrene	(ug/l)										<MDL
Indeno (1,2,3-cd) pyrene	(ug/l)										0.002
Benzo (g,h,i) perylene	(ug/l)										---

ft bg = feet below grade

NYSDEC GWQS or GV = New York State Department of Environmental Conservation Ground-Water Quality Standards or Guidance Values

DF = dilution factor

ug/l = micrograms per liter

(J) = indicates an estimated value. data indicate the presence of a compound less than the sample quantitation limit

(B) = analyte is found in the associated blank as well as in the sample

(E) = compound concentration exceeds the calibration range of the GC/MS

(D) = compound identified in an analysis at a secondary dilution factor

exceeds GWQS

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Table 8

FYN PAINT & LACQUER COMPANY
230 KEBT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Summary of Ground-Water Quality, Target Analyte List Metals + Cyanide
Sampled Between August 7 and August 25, 2003

	Sample ID	MW-5	MW-9A	MW-11	MW-12	MW-13	MW-14	MW-16	NYSDEC
	Interval (ft bg)		21-23	15-17	13-15	24-26	13-15		GWQS or GV
Metal	units								
Aluminum	ug/l	2,470	11,100	1,600	13,400	17,100	12,100	2,600	---
Antimony	ug/l	4.9 (B)	7.5 (B)	3.2 (B)	1.6 (B)	2 (B)	3.3 (B)	<1.5	3
Arsenic	ug/l	<1.3	4.3 (B)	4.1 (B)	5.9 (B)	5.4 (B)	2.6 (B)	9.3 (B)	25
Barium	ug/l	138 (B)	323	150 (B)	254	599	334	953	1,000
Beryllium	ug/l	0.55 (B)	1.4 (B)	0.43 (B)	1.4 (B)	2 (B)	1.5 (B)	<0.4	3
Cadmium	ug/l	<0.4	3.4 (B)	1.3 (B)	6.6	5	2.2 (B)	2.2 (B)	5
Calcium	ug/l	130,000	72,100	111,000	108,000	176,000	176,000	103,000	---
Chromium	ug/l	5.4 (B)	56.1	8.1 (B)	113	58	34.7	7.5 (B)	50
Cobalt	ug/l	4.2 (B)	17.7 (B)	5.2 (B)	19.8 (B)	24.6 (B)	16.6 (B)	6.2 (B)	---
Copper	ug/l	6.2 (B)	49.2	6.4 (B)	47.2	52.3	44.1	7.2 (B)	200
Iron	ug/l	4,380	38,600	17,200	65,900	50,700	27,400	31,800	300
Lead	ug/l	3.5	30.2	9.9	30.5	29.6	34.8	7.0	25
Magnesium	ug/l	18,600	27,300	16,000	22,400	19,700	49,100	7,150	35,000
Manganese	ug/l	794	5,720	3,020	4,220	4,130	2,500	2,010	300
Mercury	ug/l	<0.2	0.32	<0.2	0.25	0.30	0.40	<0.2	0.7
Nickel	ug/l	8 (B)	44.7	8.4 (B)	85.8	50	32.1 (B)	9.2 (B)	100
Potassium	ug/l	8,070	17,900 (E)	3,650 (BE)	22,500	43,900 (E)	35,500	74,900	---
Selenium	ug/l	4.2 (B)	5.2	2.6 (B)	4.5 (B)	3.9 (B)	8.4	4.2 (B)	10
Silver	ug/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	50
Sodium	ug/l	240,000	321,000	26,600 (E)	942,000	<0.5	1,780,000	946,000	20,000
Thallium	ug/l	9.0 (B)	13.4	23.3	3.5 (B)	29.8	<2.8	5.9 (B)	0.5
Vanadium	ug/l	3.0 (B)	44.6 (B)	2.8 (B)	48.2 (B)	64.1	36.6 (B)	4.1 (B)	---
Zinc	ug/l	45.9	2,290	2,030	5,680	3,680	5,950	82.6	2,000
Cyanide	ug/l	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	200

ft bg = feet below grade
NYSDEC GWQS or GV = New York State Department of Environmental Conservation Ground-Water Quality Standards or Guidance Values
ug/l = micrograms per liter
(B) = analyte is found in the associated blank as well as in the sample
(E) = compound concentration exceeds the calibration range of the GC/MS
exceeds GWQS or GV

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Table 9

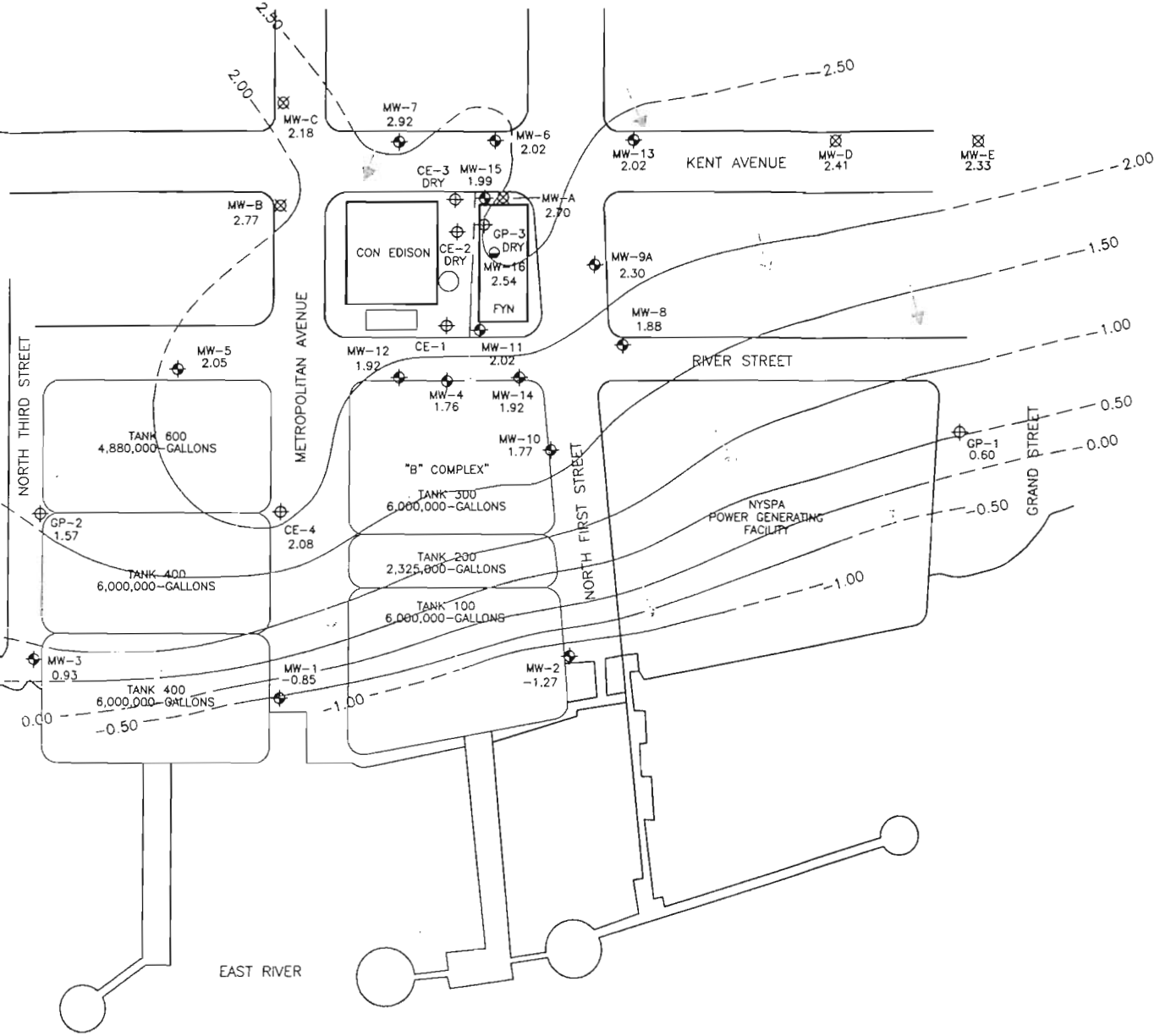
FYN PAINT & LACQUER COMPANY
230 KEBT AVENUE
GREENPOINT, BROOKLYN, NEW YORK

Monitor Well Casing Elevations,
Ground-Water Depths and Elevations

Monitor Well ID	Top of Casing Elevation (feet above datum)	Depth to Water 08/22/2003 (feet below top of casing)	Depth to Product 08/22/2003 (feet below top of casing)	Corrected Ground-Water Elevation 08/22/2003 (feet above datum)	Depth to Water 09/22/2003 (feet below top of casing)	Depth to Product 09/22/2003 (feet below top of casing)	Corrected Ground-Water Elevation 09/22/2003 (feet above datum)
MW-1	7.99	7.96		0.03	8.84		-0.85
MW-2	8.08	9.50		-1.42	9.35		-1.27
MW-3	3.99	2.98		1.01	3.06		0.93
MW-4	12.89	10.91		1.98	11.13		1.76
MW-5	10.71	8.46		2.25	8.66		2.05
MW-6	19.99	17.77		2.22	17.97		2.02
MW-7	18.77	15.80		2.97	15.85		2.92
MW-8	15.14	13.05		2.09	13.26		1.88
MW-9A	17.01	14.73		2.28	14.72	14.71	2.30
MW-10	11.57	9.66		1.91	9.80		1.77
MW-11	15.22	12.66		2.56	13.14		2.08
MW-12	12.38	10.20		2.18	10.46		1.92
MW-13	20.16	17.90		2.26	18.14		2.02
MW-14	13.48	11.40		2.08	11.56		1.92
MW-15	18.64	18.20	16.13	2.24	18.05	16.44	1.99
MW-16	18.36	15.25		3.11	15.82		2.54
GP-1	7.87	6.94		0.93	7.27		0.60
GP-2	7.08	5.41		1.67	5.51		1.57
GP-3	18.40	dry		---	dry		18.40
CE-1	18.54	10.38	10.36	8.18	ND	11.09	ND
CE-2	19.08	dry		---	dry		19.08
CE-3	18.53	dry		---	dry		18.53
CE-4	7.96	5.93		2.03	5.88		2.08
MW-A	19.09	16.19		2.90	16.39		2.70
MW-B	16.37	14.41		1.96	14.60		1.77
MW-C	17.35	14.92		2.43	15.17		2.18
MW-D	20.84	18.03		2.81	18.43		2.41
MW-E	20.22	17.45		2.77	17.89		2.33

August 22, 2003 low tide 11:34am at Williamsburg Bridge - Well measurements 8:55am to 10:35am
September 22, 2003 high tide 7:08am at Williamsburg Bridge - Well measurements 7:41am to 12:06pm
Corrected ground-water elevation assumes a specific gravity of 0.87 for product

FIGURES



N

LEGEND

- 4-INCH DIAMETER MONITOR WELL
- 2-INCH DIAMETER MONITOR WELL
- 1-INCH DIAMETER MONITOR WELL (UNKNOWN ORIGIN)
- 1-INCH DIAMETER MONITOR WELL
- GP-1 0.60 — GROUND-WATER ELEVATION (FEET)
- 10,000-GALLON UST
- 2.50 — GROUND-WATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
- GROUND-WATER FLOW DIRECTION

NOTE: CE-1 WAS NOT USED IN CONTOURING THIS MAP DUE TO NON AGREEMENT WITH SURROUNDING WELLS.

0 100
SCALE IN FEET

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

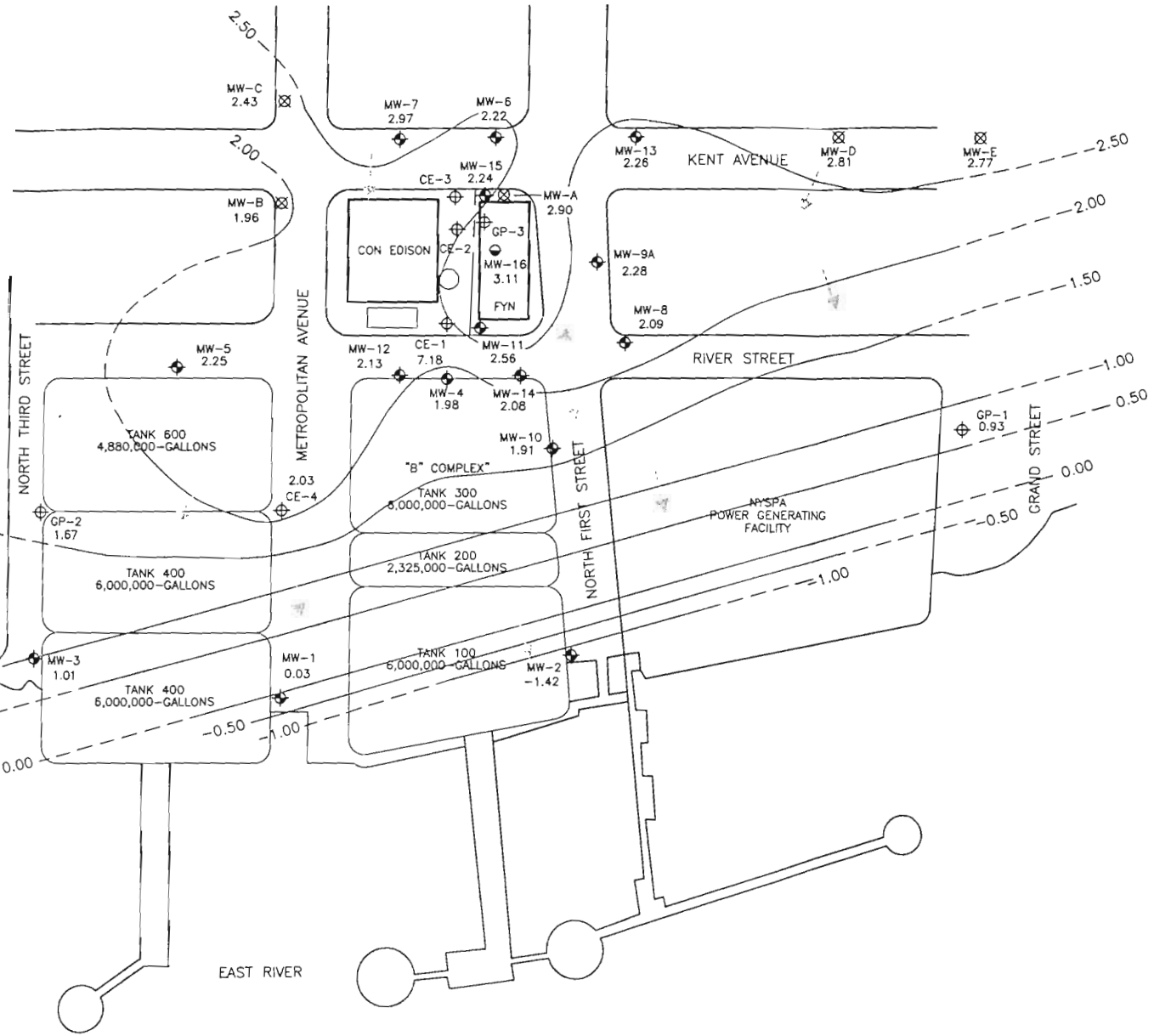
GROUND-WATER ELEVATION CONTOUR MAP - HIGH TIDE
SEPTEMBER 22, 2003

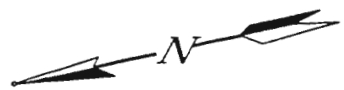
DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	9/25/03	FIGURE:	6





LEGEND

- 4-INCH DIAMETER MONITOR WELL
- 2-INCH DIAMETER MONITOR WELL
- 1-INCH DIAMETER MONITOR WELL (UNKNOWN ORIGIN)
- 1-INCH DIAMETER MONITOR WELL
- GP-1 0.93 — GROUND-WATER ELEVATION (FEET)
- 10,000-GALLON UST
- 2.50 — GROUND-WATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
- GROUND-WATER FLOW DIRECTION

NOTE: CE-1 WAS NOT USED IN CONTOURING THIS MAP DUE TO NON AGREEMENT WITH SURROUNDING WELLS.

0 100
SCALE IN FEET

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

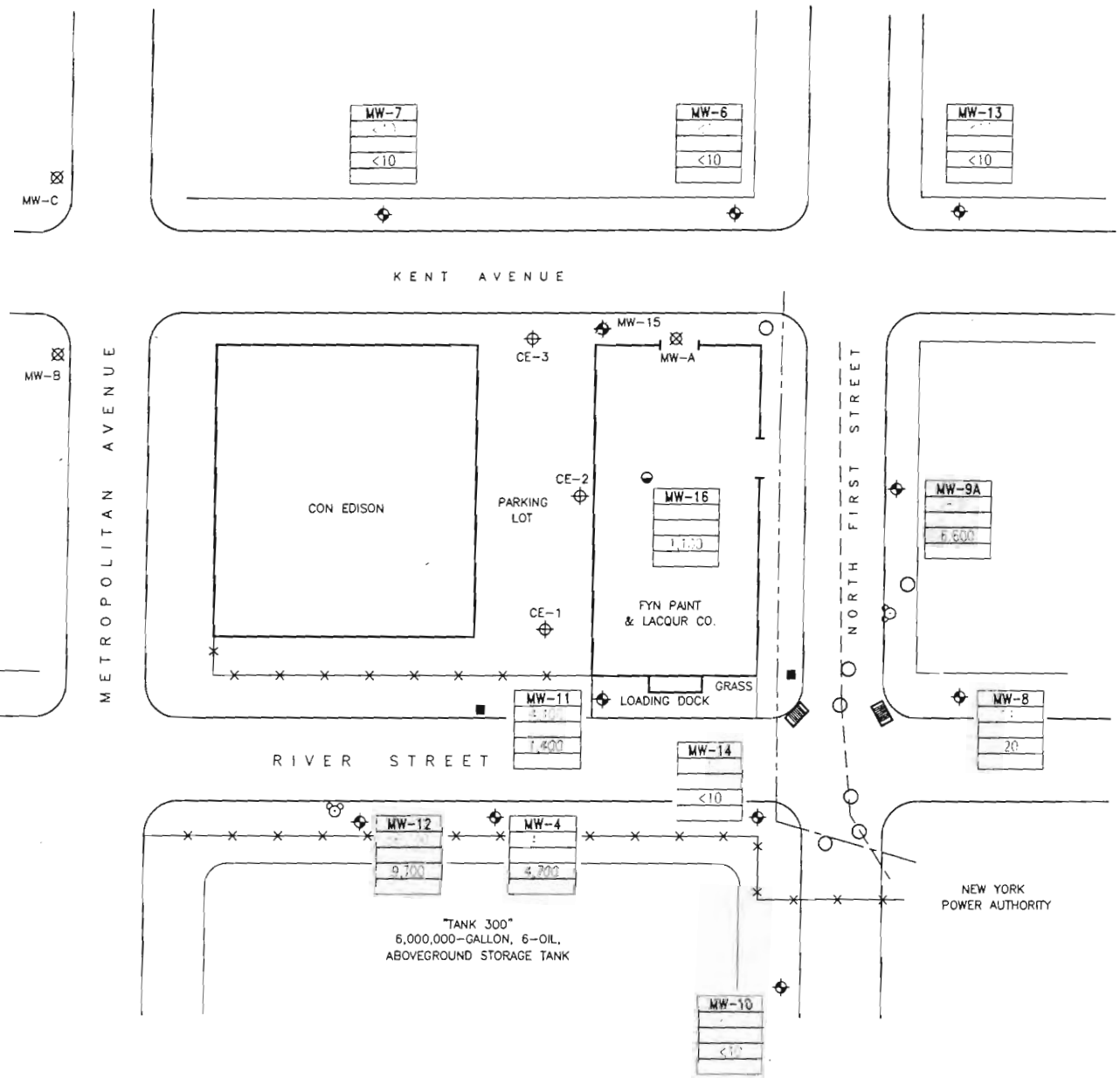
GROUND-WATER ELEVATION CONTOUR MAP - LOW TIDE
AUGUST 22, 2003

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
100 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	9/25/03	FIGURE:	5



LEGEND

- 4-INCH DIAMETER MONITOR WELL
- MW-4 / : / 4,700 — MONITOR WELL IDENTIFICATION; XYLENE CONCENTRATION (MICROGRAMS PER LITER); TOLUENE CONCENTRATION (MICROGRAMS PER LITER); ETHYLBENZENE CONCENTRATION (MICROGRAMS PER LITER); ACETONE CONCENTRATION (MICROGRAMS PER LITER)
- 2-INCH DIAMETER MONITOR WELL
- 1-INCH DIAMETER MONITOR WELL (UNKNOWN ORIGIN)
- 1-INCH DIAMETER MONITOR WELL
- CATCH BASIN
- LAMP POST
- CHAIN LINK FENCE
- HYDRANT
- MANHOLE
- SUBSURFACE 12" DIA. HIGH PRESSURE GAS MAIN.
- SUBSURFACE HIGH VOLTAGE TRANSMISSION LINE.

0 40

SCALE IN FEET

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

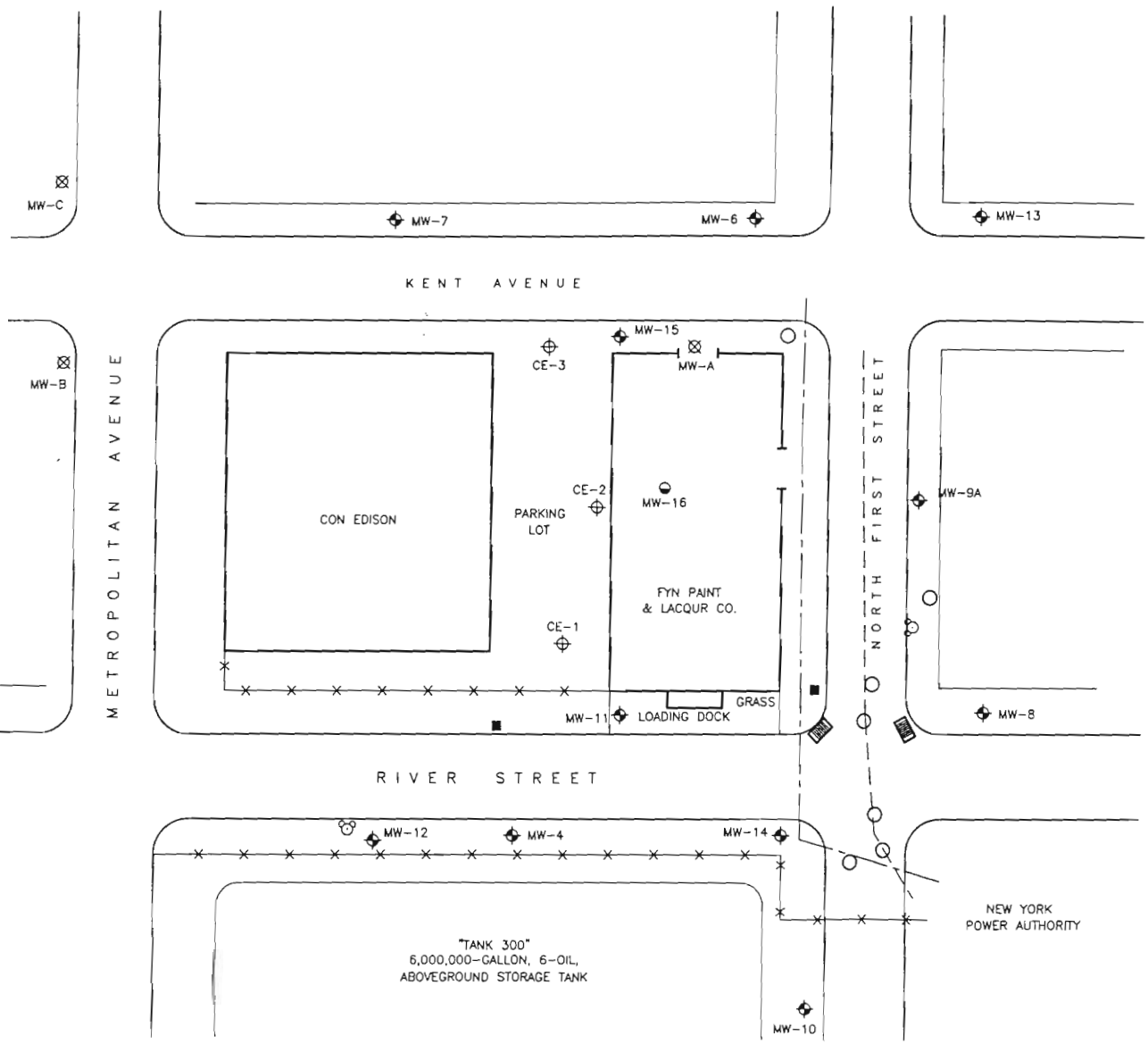
GROUND-WATER QUALITY - PROMINENT VOCs
(WELLS SAMPLED AUGUST 7, 19, 20 AND 25, 2003)

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	9/25/03	FIGURE:	4





LEGEND

- 4-INCH DIAMETER MONITOR WELL
- 2-INCH DIAMETER MONITOR WELL
- 1-INCH DIAMETER MONITOR WELL (UNKNOWN ORIGIN)
- 1-INCH DIAMETER MONITOR WELL
- CATCH BASIN
- LAMP POST
- CHAIN LINK FENCE
- HYDRANT
- MANHOLE
- SUBSURFACE 12" DIA. HIGH PRESSURE GAS MAIN.
- SUBSURFACE HIGH VOLTAGE TRANSMISSION LINE.

0 40

SCALE IN FEET

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

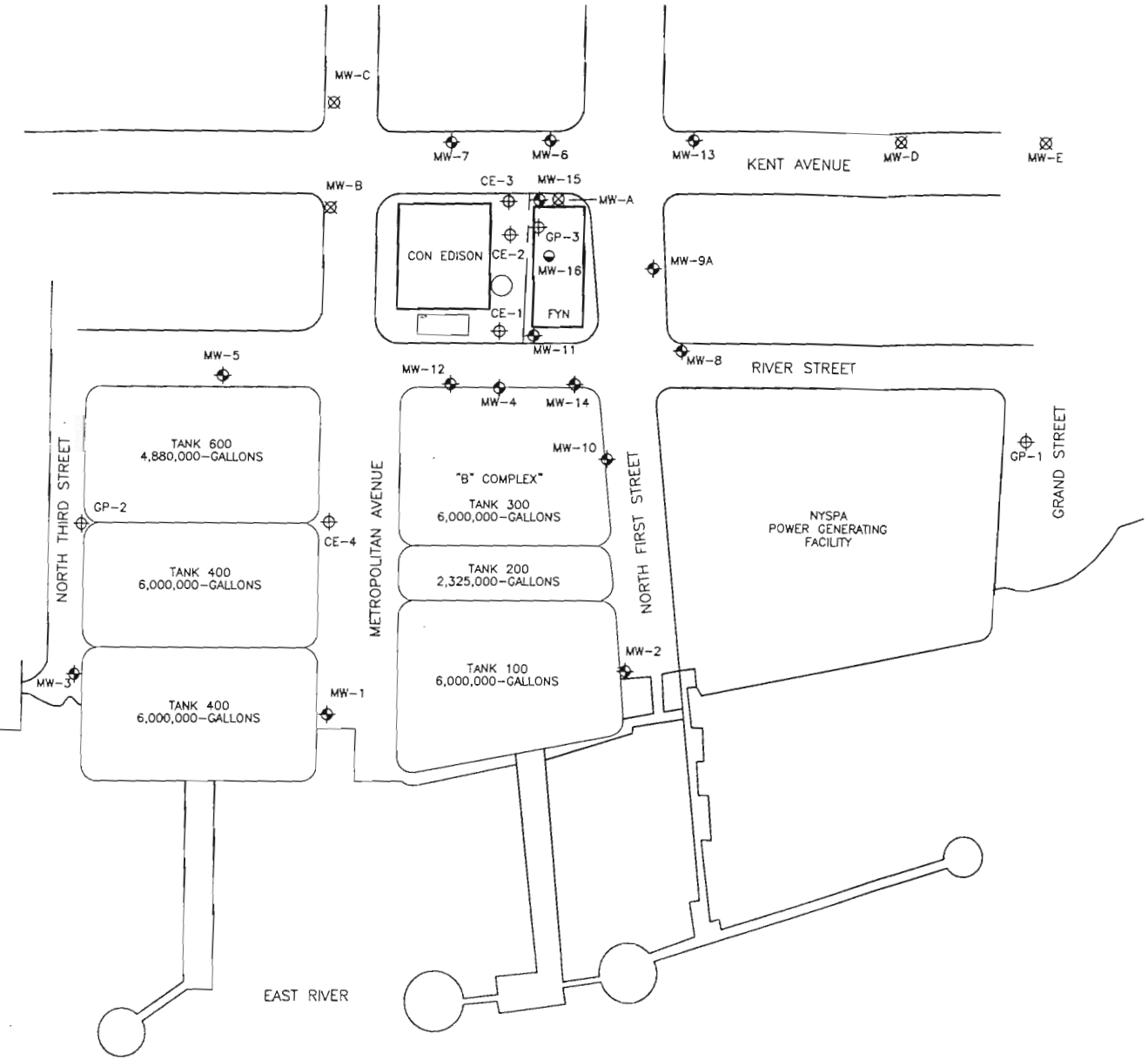
MONITOR WELL LOCATIONS (LARGE SCALE)

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	9/25/03	FIGURE:	38



N

LEGEND

- 4-INCH DIAMETER MONITOR WELL
- 2-INCH DIAMETER MONITOR WELL
- 1-INCH DIAMETER MONITOR WELL (UNKNOWN ORIGIN)
- 1-INCH DIAMETER MONITOR WELL
- 10,000-GALLON UST

0 100

SCALE IN FEET

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

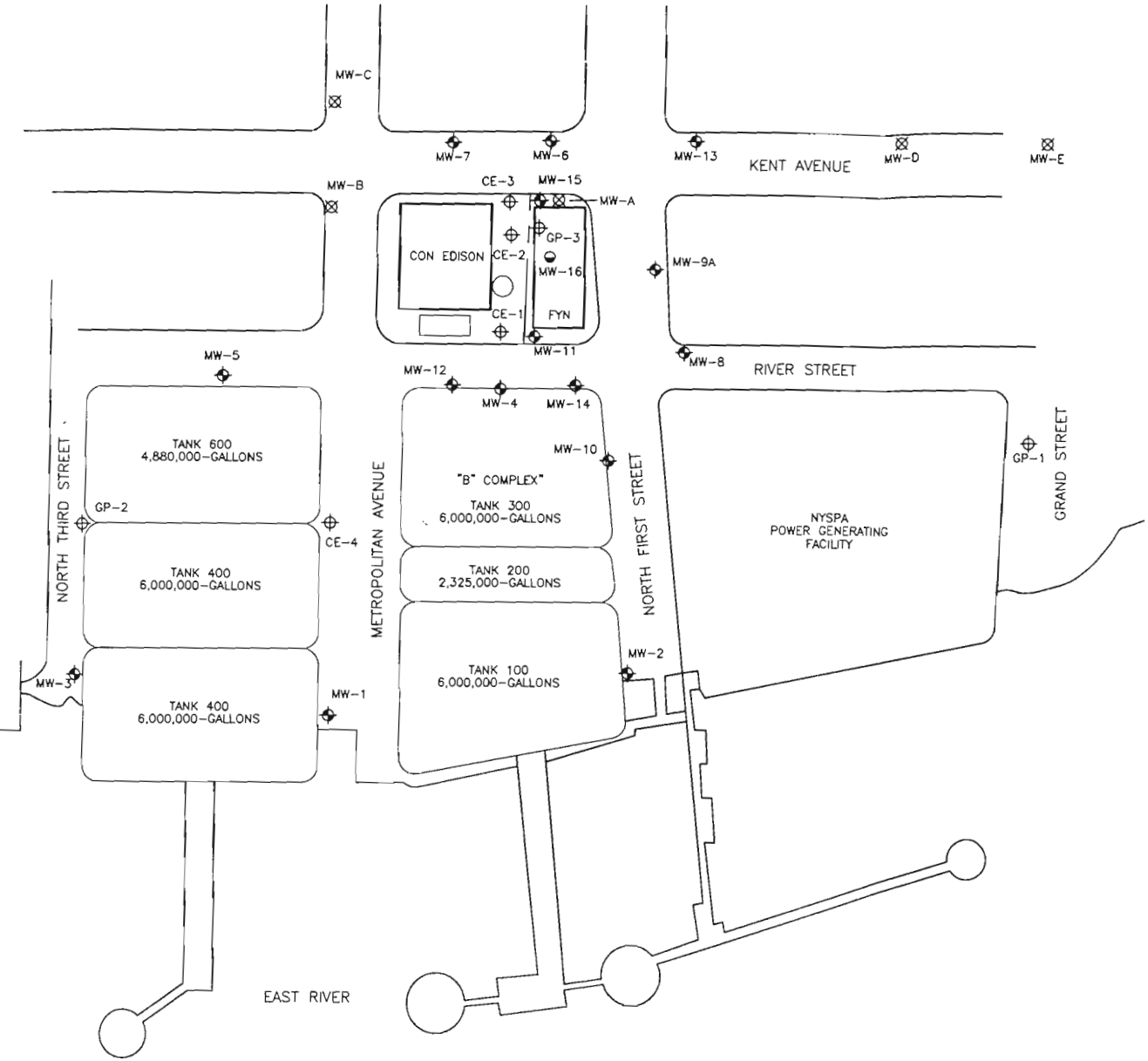
MONITOR WELL LOCATIONS

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM
Professional Ground-Water and Environmental Engineers
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	9/25/03	FIGURE:



N

LEGEND

- 4-INCH DIAMETER MONITOR WELL
- 2-INCH DIAMETER MONITOR WELL
- 1-INCH DIAMETER MONITOR WELL (UNKNOWN ORIGIN)
- 1-INCH DIAMETER MONITOR WELL
- 10,000-GALLON UST

0 100

SCALE IN FEET

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

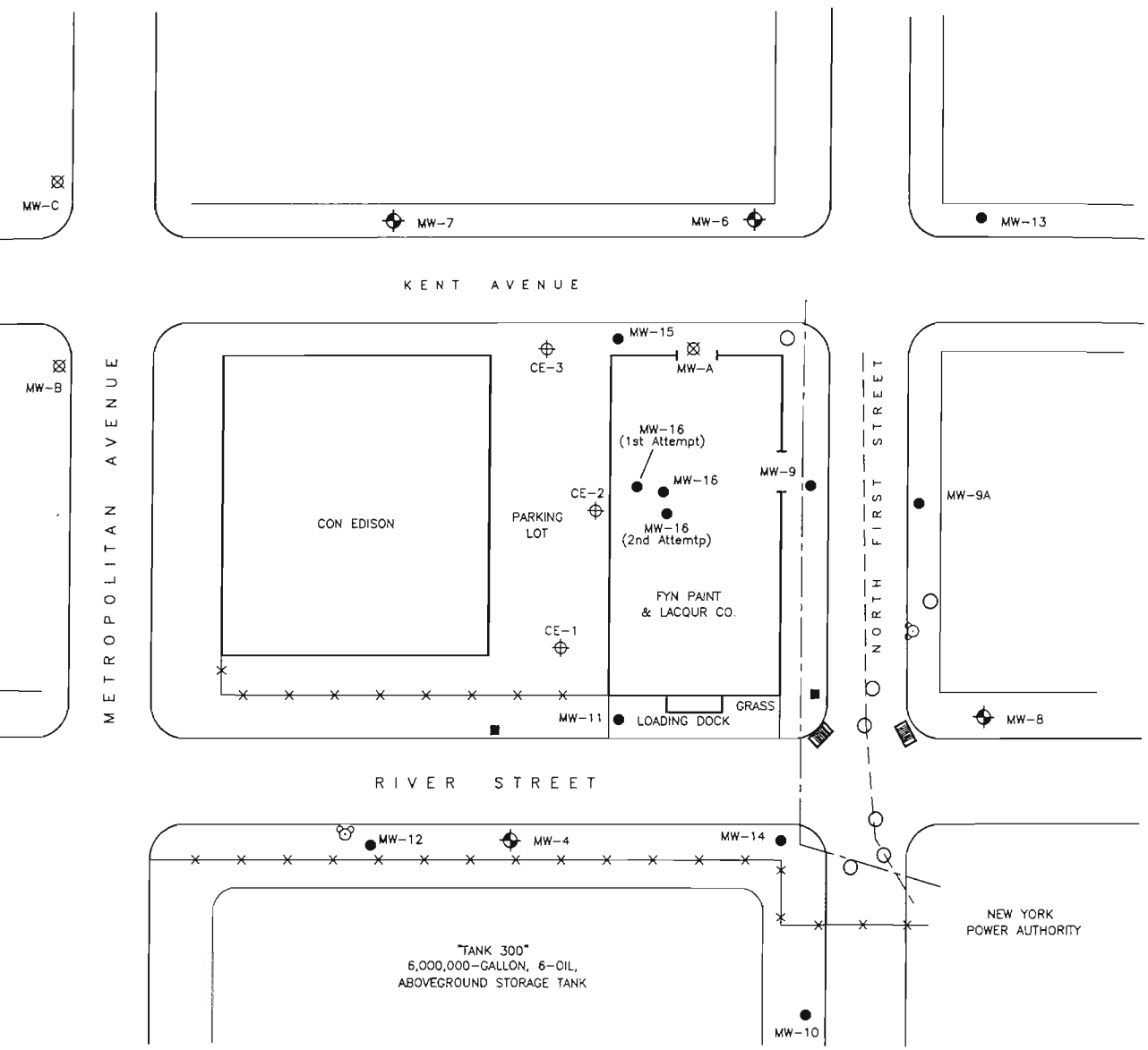
MONITOR WELL LOCATIONS

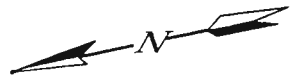
DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM
Professional Ground-Water and Environmental Engineers
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	9/25/03	FIGURE:





LEGEND

- 4-INCH DIAMETER MONITOR WELL
- 1-INCH DIAMETER MONITOR WELL (UNKNOWN ORIGIN)
- 1-INCH DIAMETER MONITOR WELL
- SOIL BORING LOCATION
- CB — CATCH BASIN
- LAMP POST
- CHAIN LINK FENCE
- HYDRANT
- MANHOLE
- SUBSURFACE 12" DIA. HIGH PRESSURE GAS MAIN.
- SUBSURFACE HIGH VOLTAGE TRANSMISSION LINE.

0 40

SCALE IN FEET

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

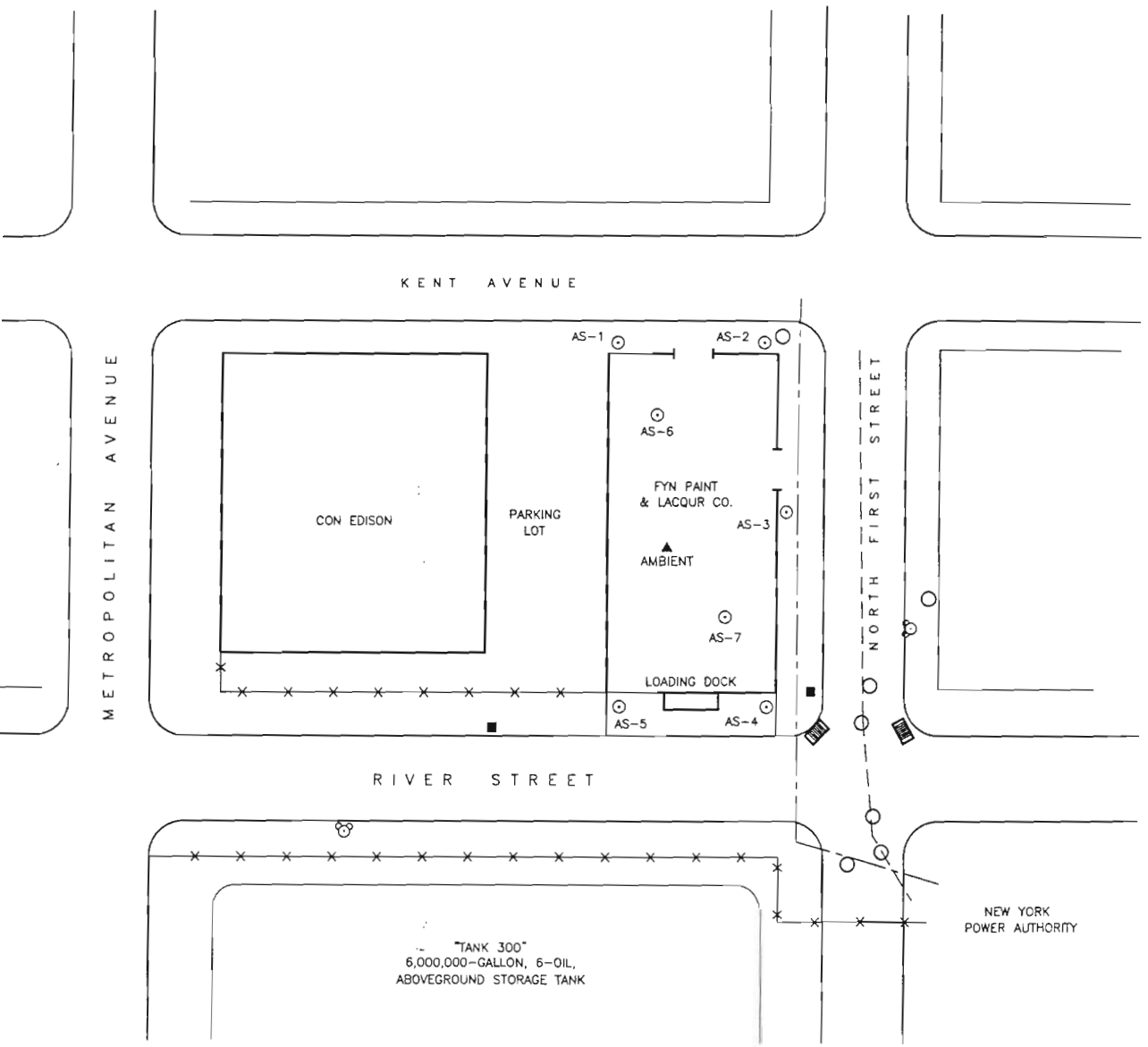
SOIL BORING LOCATIONS

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	9/17/03	FIGURE:	2



N

LEGEND

- AS-1 — SOIL GAS SAMPLE LOCATION
- AMBIENT AIR SAMPLE LOCATION
- CATCH BASIN
- LAMP POST
- CHAIN LINK FENCE
- HYDRANT
- MANHOLE
- SUBSURFACE 12" DIA. HIGH PRESSURE GAS MAIN.
- SUBSURFACE HIGH VOLTAGE TRANSMISSION LINE.

0 40

SCALE IN FEET

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

SOIL GAS AND AMBIENT AIR SAMPLE LOCATIONS

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 323-7340

PW | DATE: 9/25/03 | FIGURE: 1

Environmental Detailed Incident Report

Report Type: Preliminary

Brooklyn Electric Distribution System

Incident ID: 147277 **Rev. #:8** **Incident Status:** - Cleanup Pending

Incident Type: Spill - Dielectric, Transformer
Brief Description: V4048 - FOUND APPROX 300 GALS OF TRANSFORMER OIL ON APPROX 300 GALS OF WATER
Administrative Site: 30 Flatbush - HQ
Responsible Operation: FOD
Location: V4048 - S/S METROPOLITAN AVE 60' E/O RIVER ST
No. of Injuries: 0
Any Outside Impact: N
Immediate Abatement/Containment Actions: TOOK SAMPLE - PLACED TAG
Start (Incident First Discovered): 25-FEB-2003 01:55:00
First Reported: 25-FEB-2003 02:05:00
First Reported to CIG: 25-FEB-2003 02:34:00
Cleanup Completed/Stopped:
Resolved (administrative closure):
Duration Hours (discovery to closure):

Detailed Description: 2/25/03 - 0155
J. TRAEGER - 15760 - FOD, REPORTS FINDING APPROX 300 GALS OF DIELECTRIC FLUID ON 300 GALS OF WATER IN V4048 (6B43). SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES RELATED TO THE SPILL. NO PRIVATE PROPERTY AFFECTED. TAG # 13474 PLACED IN STRUCTURE. NO SEWER CONNECTIONS. NO MOVEMENT IN THE WATER. NO LARGE CRACKS IN THE STRUCTURE. UNIT PRESSURE TESTED & SAMPLED 11/7/02 - IT HELD PRESSURE AND THE COUNT CAME BACK AS 6 PPM (LSN # 02-10563). PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # CC02078 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. ENV MGR R. JAMES NOTIFIED. EPA # REQUESTED. TANKER ORDERED. ENV. OPS. NOTIFIED. CLEANUP TO BEGIN AS 50 - 499. TJ - 50495

CIG MORRIS NOTIFIED AT 0234 HRS. TJ - 50495

UPDATE: 2/25/03 - 0300
FDR 6B43 WILL NOT BE READY FOR WORK UNTIL APPROX 0800. BQE WILL NOTIFIED AT 0600 TO SEND A CREW TO LOC TO PRESSURE TEST TRANSF. OIL SAMPLE DELIVERED TO CHEM LAB. TJ - 50495

UPDATE: 2/25/03 - 0355
R. JAMES - ENV MGR, REPORTS ERT W. CAPUNE ARRIVED ON LOC AT 0355. MR. JAMES TOOK MEASUREMENT OF OIL IN STRUCTURE. NEW ESTIMATE IS 75 GALS OF OIL IN STRUCTURE. MR. CAPUNE LEFT AT 0420. TJ - 50495

Environmental Detailed Incident Report

Substance, Material Property	Amount	UOM	Environmental Medium Impacted	% Contnd	% Cleaned	% Recycld
DIELECTRIC FLUID	300	GAL	Contained (No Release)	100		

Notifications	Date/Time	Agency Asgnd. #	Employee Reporting (last name)
CE Environmental Affairs ERT	25-FEB-2003 02:35:00		MORRIS
NYC Department of Environmental Protection	25-FEB-2003 02:47:00		MORRIS
New York, State Department of Environmental Conservation	25-FEB-2003 02:38:00	02-11678	MORRIS

Correction Actions	Due Date	Completion Date	Assigned to Emp	Assigned to (last name)	Comment

Causes	P	Comments	Equipment Name	Tag #	Opn
Equipment - Main Body, Transformer	N				

Involved Roles	Phone #	Emp	Last Name
Finder	(718) 348-7170	E	TRAEGER
First Reported To	(718) 801-5196	E	TOJEIRA
CIG Operator Called	(212) 580-6763	E	MORRIS

Involved Items	Item Type
Brooklyn Electric Distribution System	SITE

Commitment Made Date/Time	Completion Due Date	Completion Date	Comitment Description	Regulatory Body

Comment	Date/Time

Event Property Description	Effective date	Expire date	Comments

Test Results

Sample Id	Unit	Collect Date	Result Date

Environmental Detailed Incident Report

Parameter Type	Parameter Description	Numeric Result

Environmental Detailed Incident Report

Brooklyn Electric Distribution System

Report Type: Preliminary **Incident Status:** - Closed (submitted for NYSDEC approval)
Incident ID: 147277 **Revision No:** 32
Incident Type: Spill - Dielectric, Transformer
Brief Description: V4048 - FOUND APPROX 300 GALS OF TRANSFORMER OIL ON APPROX 300 GALS OF WATER
Administrative Site: 30 Flatbush - HQ
Responsible Operation: Flush Operations
Location: V4048 - S/S METROPOLITAN AVE 60' E/O RIVER ST
No. of Injuries: 0
Any Outside Impact: N
Immediate Abatement/Containment Actions: TOOK SAMPLE - PLACED TAG
Start (Incident First Discovered): 25-FEB-2003 01:55:00
First Reported: 25-FEB-2003 02:05:00
First Reported to CIG: 25-FEB-2003 02:34:00
Cleanup Completed/Stopped: 17-JUN-2003 14:00:00
Resolved (administrative closure):
Duration Hours (discovery to closure):

Detailed Description:

2/25/03 - 0155
J. TRAEGER - 15760 - FOD, REPORTS FINDING APPROX 300 GALS OF DIELECTRIC FLUID ON 300 GALS OF WATER IN V4048 (6B43). SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES RELATED TO THE SPILL. NO PRIVATE PROPERTY AFFECTED. TAG # 13474 PLACED IN STRUCTURE. NO SEWER CONNECTIONS. NO MOVEMENT IN THE WATER. NO LARGE CRACKS IN THE STRUCTURE. UNIT PRESSURE TESTED & SAMPLED 11/7/02 - IT HELD PRESSURE AND THE COUNT CAME BACK AS 6 PPM (LSN # 02-10563-008). PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # CC02078 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. ENV MGR R. JAMES NOTIFIED. EPA # REQUESTED. TANKER ORDERED. ENV. OPS. NOTIFIED. CLEANUP TO BEGIN AS 50 - 499. TJ - 50495

CIG MORRIS NOTIFIED AT 0234 HRS. TJ - 50495

UPDATE: 2/25/03 - 0300
FDR 6B43 WILL NOT BE READY FOR WORK UNTIL APPROX 0800. BQE WILL NOTIFIED AT 0600 TO SEND A CREW TO LOC TO PRESSURE TEST TRANSF. OIL SAMPLE DELIVERED TO CHEM LAB. TJ - 50495

UPDATE: 2/25/03 - 0355
R. JAMES - ENV MGR, REPORTS ERT W. CAPUNE ARRIVED ON LOC AT 0355. MR. JAMES TOOK MEASUREMENT OF OIL IN STRUCTURE. NEW ESTIMATE IS 75 GALS OF OIL IN STRUCTURE. MR. CAPUNE LEFT AT 0420. TJ - 50495

2/25/03 07:47 HRS. -- LAB SEQ 03-01547-001, OIL GRAB: 9 PPM, AROCLOR 1260;
-- W.W. #17344 --

UPDATE: 2/25/03 - 1145
G. PALLADINO - O.S. - BQE, REPORTS TRANSFORMER PRESSURE TESTED AND FAILED. TRANSFORMER TO BE REPLACED. INITIAL CLEANUP IN PROGRESS. TJ - 50495

Environmental Detailed Incident Report

Detailed Description:

UPDATE: 2/25/03 - 1230
C. FERNANDEZ - O.S. - ENV. OPS., REPORTS STRUCTURE SAMPLED FOR OIL I.D. & FLASHPOINT. CLEANUP ON HOLD PENDING RESULTS. TJ - 50495
13:25 -- C. FERNANDEZ REPORTS CHAIN OF CUSTODY FORM # CC-16334. -- W.W. #17344

2/25/03 16:22 HRS. -- LAB SEQ 03-01565-001, OIL & WATER GRAB: "ANALYSIS INDICATES THE PRESENCE OF A SUBSTANCE SIMILAR TO DIELECTRIC FLUID." -- W.W. #17344 --

2/25/03 18:21 HRS. -- LAB SEQ 03-01566-001, OIL & WATER GRAB: FLASHPOINT >140 DEG. F.
-- W.W. #17344 --

UPDATE 2-26-03 1715 HRS OS A. WALKER FLUSH DEPT REPORTS TWO TANKER WERE FULL UP FROM STRUCTURES LIQUID , THIRD TANKER ON LOCATION STRUCTURE MAKES WATER. CLEANUP STILL IN PROGRESS. LAZ # 04425

2/26/03=1935HRS A.WALKER O.S.REPORTS ALL LIQUIDS REMOVED FROM STRUCTURE .
INITIAL CLEANUP DONE. STRUCTURE MAKES WATER.
STRUCTURE DOULBED WASHED USING BIO-GEN.
NETWORK MEET AT 2300HRS TO DRAIN V4048.
G DONATONE

UPDATE: 2/27/03 - 0130
V. DINEEN - BQE, REPORTS TRANSFORMER DRAINED BY ASTORIA TANKER. TAG REMAINS PENDING TRANSFORMER REMOVAL. TJ - 50495

UPDATE 2-28-03 0930 HRS G. PALADINO OS NETWORK REPORTS TRANSF HOLDS APPROX 410 GALLONS OIL. LAZ # 04425

UPDATE 5/5/03 1530 HRS THIS INCIDENT IS NOW TIED INTO 5/5/03 INCIDENT 148227
(V 1433, V 1856, V 2597) E.VESCE
****

UPDATE 6-17-03 1400 HRS H. TRINIDAD MECH "A" FLUSH DEPT REPORTS CLEANUP IS COMPLETED. HE DOUBLE WASH STRUCTURE WITH BIO-JEN 760. THEY REMOVED ALL LIQUIDS WITH UNDER 50 PPM TANKER. ALL SOLID WERE REMOVED WITH HIS VACTOR. HE FOUND NO SUMP. HE CEMENTED 2 WEEP HOLES. HE REMOVED E.S.TAG # 29637. TRANSF WAS REMOVED. INCIDENT IS CLOSED. LAZ # 04425
****

Update - 6/18/03 @ 0940 hrs - Updated event involved materials and event involved persons lists.
H Bertorelli # 54348.

Agency Notice Number	Notice Type	Issuing Agency	Notice Issue date

Substance, Material Property	Amount	UOM	Environmental Medium Impacted	% Contnd	% Cleaned	% Recycld
DIELECTRIC FLUID	300	GAL	Contained (No Release)	100	100	
PCB	9	PPM	Contained (No Release)	100	100	

Numeric

Environmental Detailed Incident Report

Sample ID	Parameter Type	Parameter Description	Result	Unit	Collect Date	Test Date	Result Date
144152	SUBSTN	AROCLOR 1242	1	PPM	25-FEB-2003 03:23:00	25-FEB-2003 02:00:00	25-FEB-2003 07:41:34
144152	SUBSTN	AROCLOR 1248	1	PPM	25-FEB-2003 03:23:00	25-FEB-2003 02:00:00	25-FEB-2003 07:41:34
144152	SUBSTN	AROCLOR 1254	1	PPM	25-FEB-2003 03:23:00	25-FEB-2003 02:00:00	25-FEB-2003 07:41:34
144152	SUBSTN	AROCLOR 1260	9.099	PPM	25-FEB-2003 03:23:00	25-FEB-2003 02:00:00	25-FEB-2003 07:41:34

Notifications	Date/Time	Agency Asgnd. #	Employee Reporting (last name)
CE Environmental Affairs ERT	25-FEB-2003 02:35:00		MORRIS
NYC Department of Environmental Protection	25-FEB-2003 02:47:00		MORRIS
New York, State Department of Environmental Conservation	25-FEB-2003 02:38:00	02-11678	MORRIS

Comment	Date/Time

Corrective Actions	Due Date	Completion Date	Assigned to Emp (last name)	Comment

Causes	P	Comments	Equipment Name	Tag #	Opn
Equipment - Main Body, Transformer	N				

Involved Roles	Phone #	Emp	Last Name
Finder	(718) 348-7170	E	TRAEGER
First Reported To	(718) 801-5196	E	TOJEIRA
CIG Operator Called	(212) 580-6763	E	MORRIS
Cleanup Person	(718) 802-3040	E	TRINIDAD
Email Notification	(718) 802-5182	E	VESCE
Email Notification	(718) 802-5652	E	ALVARADO

Involved Items	Item Type
Brooklyn Electric Distribution System	SITE

Commitment Made Date/Time	Completion Due Date	Completion Date	Commitment Description	Regulatory Body

Environmental Detailed Incident Report

Inspections

Regulatory Body:
Overall Tone of Inspection:
Inspected Item:

Weather

Weather Condition:
Wind Direction:
Velocity:

Related Incident	Brief Description	Incident Type

Permit Regulatory Body Name	File Number	Permit History

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

INTERIM REMEDIAL MEASURES
SITE ID #V00380-2

Prepared For

Fyn Paint & Lacquer Co., Inc.

May 2008

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive, Suite 112
White Plains, NY 10604
(914) 694-5711

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Field Sheets

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Ground-Water Summary Tables

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Ground-Water Laboratory Reports

APPENDIX V
Air Stripper Tables

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NYCDEP Information

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4	Treatment System Location and Piping Layout
5	Ground-Water Extraction Well Piping Cross-Section
6	Product Recovery Well Piping Cross-Section
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8	Process Flow Diagram, Ground-Water Treatment System – Process and Instrumentation
9	Process Flow Diagram, Free-Phase Product Extraction System – Process and Instrumentation

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

INTERIM REMEDIAL MEASURES
SITE ID #V00380-2

1.0 INTRODUCTION

The Fyn Paint & Lacquer Co., Inc. (Fyn) is the subject of a Voluntary Cleanup Program (VCP), Index Number W2-0873-00-10 pursuant to the New York State Department of Environmental Conservation (NYSDEC) VCP. Fyn has entered into the VCP with the NYSDEC and is listed as the volunteer for Site ID #V00380-2, Index No. W2-0873-00-10. Leggette, Brashears & Graham, Inc. (LBG) on behalf of Fyn, has completed the following Interim Remedial Measures (IRM). This IRM was completed based on the results of the 2004 Supplemental Remedial Investigation (SRI) and investigations performed in 2005 and 2006 consisting of a soil vapor survey, ground-water monitoring and aquifer testing. The remedial goals of the IRM are the following:

- removal of free-phase product from the subsurface to eliminate the source of dissolved phase contamination;
- reduction of the concentrations of contaminants in the ground water beneath the site to existing background levels in the area; and,
- prevent lateral and vertical migration of dissolved phase contaminants.

In order to achieve these goals, the following work has been completed at the site:

- installation and operation of a pump and treat system for removal of ground water contaminated with volatile organic compounds (VOCs) using a ground-water extraction well; and,
- removal of free-product which accumulates in the extraction well and adjacent monitoring wells.

2.0 AREA DESCRIPTION

The Fyn Paint & Lacquer Co., Inc. is located in an industrial/commercial area at the intersection of Kent Avenue and North First Street in the Borough of Brooklyn, New York City.

The Fyn Paint site consists of a one story industrial/warehouse building. The facility is currently utilized as a paint and lacquer factory. The vicinity of the property consists of industrial, commercial and residential properties.

The footprint of the building is approximately 5,000 ft^2 (square feet) on the first floor and approximately 3,500 ft^2 on the balcony. The building's heating system is provided by steam heat and the electrical service enters the building from Kent Avenue. A small basement is used for the heating oil tank, furnace and controls for the sprinkler system and air compressor. The site is connected to the New York City municipal sewer system.

Adjacent to the north of the Fyn building is a Con Edison (Con Ed) property located at 214 Kent Avenue, heretofore referred to as the Con Ed property. This property consists of one story building (currently vacant) and an associated parking lot. The building has an approximate footprint area of 7,500 ft^2 and the associated parking lot has an approximate footprint area of 3,500 ft^2. This property is/was associated with the Con Ed North First Street Terminal (NFST) which historically occupied an area between the East River, North Third Street, Grand Street and Kent Avenue. The NFST was used until April 1, 1998 for storage and distribution via pipeline of #6 oil. A total of over 31 million gallons of #6 oil was stored in six (6) above-ground storage tanks (ASTs) and in one 10,000-gallon underground storage tank (UST) which was located in the parking lot of 214 Kent Avenue.

3.0 GEOLOGY AND HYDROGEOLOGY

The Site is located in the Atlantic Coastal Plain physiographic province. The geology of this province is comprised of interbedded layers of sand, clay and marl. The marine deposits are Cretaceous and Quaternary. The drift deposits are derived from glacial activity that occurred during the Pleistocene. The total thickness of the marine and glacial deposits in Kings County ranges from 0 foot in northwest Brooklyn to 1,100 feet thick in northeastern Brooklyn.

The topography of the area is generally level. The vicinity of the Site is approximately 11 to 15 ft msl (feet above mean sea level). The ground surface at the Site consists of poured concrete and asphalt pavement. The shallow sediments beneath the Site consist of medium and coarse grained brown sand with some silt and trace gravel. In general, the subsurface beneath the area consists of interbedded layers of sand, gravel, clay and silt to approximately 75 feet below ground

surface. Bedrock beneath the Site is approximately 75 feet below ground surface. The regional direction of ground-water flow beneath the Site is westerly, toward the East River.

4.0 BACKGROUND

The Fyn Paint property located at 230 Kent Avenue and the Con Ed property located at 214 Kent Avenue are located above the subsurface contaminant source area. A Site Area Map is shown on figure 1.

4.1 Con Ed Property

Information provided by Con Ed has shown that in 1996, product containing VOCs was encountered in soil borings advanced for the cathodic protection installation associated with the Con Ed 10,000-gallon UST. The VOCs detected included toluene, ethylbenzene and xylenes totaling 876,000 mg/l (milligrams per liter) [Con Ed, no date]. The NYSDEC Spill Number 96-04977 was assigned to Con Ed in association with the contamination identified adjacent to the UST.

Soil borings were advanced into the water table at the former oil storage area and former Pfizer site. Laboratory analysis of the soil sample indicated VOC concentrations above the NYSDEC Recommended Soil Cleanup Objectives (RSCOs). Results for the metal analyses identified ten metals with concentrations above NYSDEC RSCOs.

Ground-water samples were collected from four monitoring wells which previously existed onsite. Of the four previously existing monitoring wells, only one contained VOCs in ground water in concentrations exceeding the NYSDEC Class GA standards.

4.2 Fyn Paint Property (230 Kent Avenue)

The Fyn Paint & Lacquer Co., Inc. is a facility which produces paints and lacquers. This facility is a NYSDEC registered Chemical Bulk Facility (ID #2-000151).

In 1996, Con Ed reported NYSDEC Spill #96-04977 for subsurface contamination discovered associated with the Con Ed 10,000-gallon UST. Although this contamination was discovered in 1996 and Con Ed informed NYSDEC that Fyn Paint was a potential contaminant source, the owner of Fyn Paint & Lacquer Co., Inc. was not notified of the spill and/or their potential involvement by NYSDEC and/or Con Ed.

In January 1999, Fenley & Nicol Environmental on behalf of Fyn Paint performed the closure of three (3) steel 550-gallon USTs; four (4) steel 1,100-gallon USTs; and one (1) steel 1,500-gallon UST at Fyn (figure 2).

Following the tank abandonment in February 1999, 8 soil borings were drilled inside of the Fyn Paint building. Selected soil samples were analyzed in the laboratory. The laboratory analysis indicated the presence of ethylbenzene, toluene, o-xylene, m/p xylene and acetone. A UST closure report was prepared by Fenley & Nicol Environmental on March 23, 1999.

In November and December 2000, Fenley & Nicol Environmental conducted a limited subsurface investigation in order to determine the ground-water quality beneath the Fyn Paint building. Three temporary ground-water sampling wells, as well as eight soil borings, were installed in the vicinity of the former USTs. The location of soil borings is shown on figure 2. Laboratory analysis of the ground-water samples collected from temporary wells identified VOCs, primarily acetone, xylene, toluene, ethylbenzene, 2-butanone and methylene chloride.

5.0 FYN PAINT SUBSURFACE REMEDIAL INVESTIGATIONS

In 2001, LBG conducted a subsurface investigation at the Fyn Paint factory and the adjacent areas including the Con Ed North First Street Facility. The purpose of the investigation was to evaluate the soil and ground-water quality beneath Fyn Paint, Con Ed and the areas surrounding these two facilities.

The results of laboratory analysis indicated concentrations of VOCs in soil and ground water in the Con Ed parking lot adjacent to Fyn Paint and beneath Fyn Paint building. Xylenes, acetone, ethylbenzene and toluene were the most prevalent VOCs detected in the soil samples collected.

The highest concentrations of dissolved VOCs were encountered in ground water collected from wells located in the Con Ed parking lot. The chemical compounds detected were, xylenes, toluene, ethylbenzene and acetone. Additionally, PCE was detected in a well located in the Con Ed parking lot.

Free-phase product was measured in two wells (CE-1 and CE-2) in the Con Ed parking lot on June 7, 2001. The location of monitoring wells is shown on figure 3.

In 2003, LBG conducted, on behalf of Fyn Paint, a Supplemental Remedial Investigation at the Site. Between July 21 and August 8, 2003, 11 soil borings were completed in the area.

Following the completion of soil borings, a monitor well was installed in each borehole. The location of monitoring wells is shown on figure 3.

The laboratory analysis showed the highest concentrations of VOCs (toluene, xylene, ethylbenzene, acetone, isopropylbenzene and naphthalene) in soil was collected from the soil boring completed for the installation of a monitoring well (MW-15) which is located on the east-northeast corner of the Fyn Paint building along Kent Avenue (see figure 3).

Analysis of ground-water samples indicated that twelve wells contained dissolved VOCs at concentrations above NYSDEC Technical and Operational Guidance Series (TOGS) Ground-Water Quality Standards (GWQS). In addition, several chlorinated solvents such as PCE, trichloroethene (TCE) and 1,1,1 trichloroethane were detected in ground-water samples collected from MW-5, MW-6 and MW-7. The source of the chlorinated solvents in ground water could not be identified during the subsurface investigation; however, the highest concentration of PCE identified throughout the Site in soil and ground water were found in CE-1 and CE-2.

Also in 2003, free-phase product was observed in MW-15, CE-1 and MW-9A and had been observed in CE-2 in the past. The product appeared to be confined to the area beneath the north wall of the Fyn building and an unknown portion of the Con Ed parking lot north of Fyn. Following the completion of the 2003 investigation, the free-phase product was bailed from the effected wells.

In February 2004, LBG performed a ground-water sampling round, sampling all of the available monitoring wells on and surrounding the Fyn Paint Site. The results of this ground-water sampling round indicate that the same primary contaminants observed in the dissolved phase throughout the Site, remain at similar concentrations with the exception of MW-4 which showed a significant decrease in VOC concentrations. Additionally, CE-2 and MW-9A were not sampled due to the presence of free-phase product observed on the water table.

In 2005, following the NYSDEC approval of the "Supplemental Investigation Work Plan, (Addendum I – Revised)", LBG conducted an additional subsurface investigation on behalf of Fyn Paint.

In 2005, Fyn Paint installed eight (8) additional ground-water monitoring wells and two (2) ground-water extraction wells (EW-1 and EW-2). The locations of these wells are shown on figure 3.

Following the soil sampling, the monitoring wells were installed using the hollow-stem auger drilling method. The monitoring wells and extraction wells (well screen and riser) were constructed of 2-inch diameter and 4-inch diameter stainless steel. The soil sampling and well installation activities in the Con Ed parking lot indicated that there are several significant sub-surface structures, obstacles, impediments, and/or obstructions present in the subsurface.

Soil samples collected prior to the installation of these wells indicated that the highest soil contamination is present in the east end of the Con Ed parking lot.

All of the newly installed wells and the previously installed wells were then included in the quarterly ground-water monitoring program. The laboratory results for the ground-water samples indicate the continued presence of VOCs in the ground water beneath the area and that the major contaminants at the Site continue to be toluene, xylenes, acetone and ethylbenzene.

In 2006, in order to evaluate the implementation of IRM, a pumping test was conducted from EW-1 (a 4-inch diameter stainless steel well constructed inside of the Con Ed parking lot adjacent to the northeast corner of the Fyn Paint building). The location of pumping well is shown on figure 3. The field data indicates a water-table aquifer in the overburden on top of surficial bedrock. The pumping test was conducted on April 4 and 5, 2006 from EW-1 at a rate of 4.75 gpm (gallons per minute) for approximately 18 hours. Based on ground-water level measurements recorded during the pumping test, a 4.75 gpm pumping rate from extraction well EW-1 is capable of influencing the ground-water table for a radius of at least 60 feet downgradient (EW-1 to MW-23). This result demonstrates that a ground-water pumping rate of 4.75 gpm has the potential to induce a cone of depression sufficient to draw free-phase product for extraction from the subsurface and to control further migration of ground water with dissolved VOCs. The pumping test results indicated that the ground-water remediation at the Site can be accomplished by the pump and treat technology.

6.0 PRELIMINARY PRODUCT RECOVERY (IRM)

Free-phase product was measured in CE-1 and CE-2 on June 7, 2001, at thicknesses of 0.84 foot and 0.02 foot, respectively. The free-phase product was removed from both wells during sampling on June 7, 2001. On June 20, 2001, measurements of these wells indicated that the free product thickness in CE-1 had recovered to 0.01 foot and there was no free product in CE-2. On July 12, 2001, CE-2 had no water or product in it and CE-1 had a free-product thickness of

0.14 foot. The product removed from these wells was temporarily stored in a 55-gallon drum onsite pending offsite disposal.

Also in 2003, free-phase product was observed in MW-15, CE-1 and MW-9A. The greatest thickness was near MW-15. The product appeared to be confined to the area beneath the north wall of the Fyn building and an unknown portion of the Con Ed parking lot north of Fyn. Following the initial product bailing activities, product was regularly bailed from MW-15 (every several weeks from May 2004 to January 2005) and temporarily stored in a 55-gallon drum onsite pending offsite disposal. The manual bailing activities performed from 2001 to 2005 generated approximately 40 gallons of free-phase product and approximately 100 gallons of contaminated ground water.

The free-phase product was pumped off of the top of the ground water from the storage drums into one drum (only product). The free-phase product bailed from the affected wells was stored temporarily onsite in one 55-gallon drum inside the Fyn building pending offsite disposal. The contaminated ground water was stored in two 55-gallon drums inside the Fyn building pending disposal.

7.0 INTERIM REMEDIAL MEASURES

Interim Remedial Measures (IRM) at the Site consist of: a ground-water extraction and treatment system; and, a free-phase product recovery system. The IRM component installation was completed in February 2007 and following receipt of the New York City Department of Environmental Protection (NYCDEP) discharge permit the treatment system was started in April 2007. The IRM installation activities were completed in accordance with the work plan submitted to the NYSDEC in August 2006.

The IRM was designed to be protective of human health and the environment in the short and long-term until the final site compliance is achieved. The objective of the IRM is the following:

- removal of free-phase product using product skimmer/ferret pumps;
- prevent migration of contaminated ground water using ground-water extraction treatment and discharge; and,
- monitoring (system and ground water) to evaluate and determine potential additional remedial alternatives.

The IRM installation began with trenching activities which were conducted on the Con Ed parking lot located at 214 Kent Avenue (adjacent to the north of the Fyn Paint building). The trenching activities were performed by American Environmental Assessment Corp. of Wyandanch, New York with oversight and supervision by LBG. All activities associated with the IRM trenching activities were conducted in accordance with the Site Specific Health and Safety Plan (HASP) and other addendums prepared and utilized for the Interim Remedial Measures Work Plan submitted to the NYSDEC in June 2006.

The extents of the trenches were saw-cut through the existing concrete and asphalt. The trenches were 5 feet wide. The locations of the trenches (for MW-21, MW-22 and EW-1) are shown on figure 4. After the extents were cut, the overlying asphalt and concrete were removed using a bobcat loader. The trenches were excavated to a depth of 3.75 feet below grade. All soil excavated from the trenches was placed into an onsite roll-off pending disposal. Following all excavation activities, the excavated soil stockpile was sampled and sent to a New York State approved laboratory for waste characterization analysis, as per Con Ed requirements. After the trenches were excavated to the final depth, a base layer of pea gravel (approximately 5-inches thick) was installed along the base of the excavation. A 4-inch diameter schedule 40 PVC pipe conduit was then installed in the excavation. Illustrations of the trench piping and well heads for both the ground-water extraction well (EW-1) and the two monitoring/product recovery wells (MW-21 and MW-22) are shown on figures 5 and 6. After the conduit piping was installed in the trenches, the piping was covered with approximately 1.5 feet of pea gravel. The pea gravel backfill was then covered in a layer of filter fabric and the remainder of the excavation was backfilled with clean fill. A trench cross section is illustrated in figure 7. As per the Con Ed requirement, the fill was certified as clean by the supplier. After the trench was backfilled, it was compacted and then capped with an asphalt layer. The site was inspected after the trenching activities to ensure that no additional settling had taken place. Following receipt of the laboratory analysis for waste characterization, the excavated soil was disposed of offsite by Con Ed. After the installation of the conduit trenches, the ground-water treatment system and product recovery system was installed. Both systems consist of pneumatic pumps installed within the wells EW-1 (for ground water) and MW-21 and MW-22 (for product). Ground-water extraction well and product recovery wells piping are shown on figure 4. The pumps were set based on the measured depths to ground water and/or product and the connected tubing was installed within the trenched

conduit piping to the inside of the Fyn Paint building. Both systems are powered by a 3 horsepower explosion-proof air compressor located within the Fyn Paint building.

The ground-water extraction and treatment system is composed of the following: a pneumatic submersible ground-water extraction pump; a low-profile air stripper and associated explosion-proof regenerative blower; a vapor exhaust stack; a transfer pump, a liquid phase carbon unit; all associated piping; and, a control panel. The ground water is currently being extracted using a 4-inch diameter stainless steel vertical extraction well (EW-1). The location of this well is shown on figure 3.

The ground water is pumped from the extraction well (through polyethylene and steel piping) to a low-profile air stripper which is equipped with the blower, cleanout holes, gauges and switches to control the operation. As the water flows through the air stripper, air is forced through it using an explosion-proof regenerative blower. After treatment through the air stripper, the ground water is then run through a liquid phase carbon polish and then discharged to the sanitary sewer utilizing the transfer pump. A process flow diagram for the ground-water extraction and treatment system is shown on figure 8.

The product pumps are set up with independent control boxes and cycle at set time intervals to allow maximum product accumulation/recovery. The product is pumped through chemical rated tubing and stored in steel 55-gallon drums. A process flow diagram for the product recovery system in shown on figure 9.

Detailed equipment specifications for all IRM equipment is outlined in Appendix I.

Following the first year of system operation (April-December 2007) a *Summary of 2007 Treatment System Operation* was prepared and submitted to the NYSDEC in December 2007.

This report summarized the status of the treatment system during the 2007 period of operation and presents the laboratory analysis of ground-water samples (pre-treatment and post-treatment) collected during the system sampling rounds performed at the Site. The data evaluation shows that the ground-water pump and treat system is actively removing contaminated ground water from beneath the Fyn Paint and Con Ed properties. Following initial recovery of free-phase product, no significant free-phase product accumulation has been observed in the product recovery wells.

8.0 SUMMARY OF 2007 AND 2008 GROUND-WATER TREATMENT AND PRODUCT RECOVERY SYSTEMS OPERATION

The IRM started on April 11, 2007. The IRM consists of an active ground-water extraction and treatment system and an active product recovery system. The locations of the ground-water extraction well (EW-1) and the product recovery wells (MW-21 and MW-22) are shown on figure 3.

All of the treatment system monitoring and sampling ports and operating parameters are located within the Fyn Paint building with the exception of well conditions (of which access to the Con Ed property is required). Additionally, ground-water quality beneath the Site is monitored via ground-water monitoring wells located throughout the Site and surrounding neighborhood.

Monitoring, sampling and maintenance of the ground-water extraction and treatment system as well as monitoring of the product recovery system commenced on March 19, 2007 and is conducted one time a month.

Water samples were collected from the post-stripper and effluent ports of the combination air stripper/liquid phase carbon treatment system. Water samples from the ground-water treatment system were analyzed for VOCs by USEPA Method 8260.

An air/vapor sample was collected from the effluent port of the vapor phase carbon treatment system. The air/vapor sample from the air stripper was analyzed for VOCs by USEPA Method TO-14 or TO-15. Of note, future analysis of the air/vapor sample will be performed using USEPA Method TO-15.

All operating parameters and any necessary adjustments of the ground-water treatment system, air stripper, air compressor and carbon units were recorded on monitoring field sheets.

Analyzed by:

Vapor Phase

American Analytical Laboratories
56 Toledo Street
Farmingdale, NY 11735
Telephone: (631) 454-6100
Fax: (631) 454-8027

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425
Telephone: (717) 656-2300
Fax: (717) 656-2681

Liquid Phase

AMRO Environmental Laboratories Corp.
111 Herrick Street
Merrimack, NH 03054
Telephone: (603) 424-2022
Fax: (603) 429-8496

System Monitoring - During the Site visits since the commencement of the system on April 11, 2007, all operating parameters were recorded onto monitoring field sheets. The dates in 2007 in which the system was monitored include: April 11, 18 and 25; May 16; June 27; August 3; and, October 24. The dates in 2008 in which the system was monitored include: February 4, 2008 and March 19, 2008. Site conditions were recorded in addition to information for the treatment/recovery system. For the ground-water treatment system, the totalizer flow meter readings as well as general system inspection observations were recorded. For the air stripper, flow rate, temperature, photoionization detector (PID) concentrations (effluent) as well as general system inspection observations were recorded. These monitoring field sheets are used to monitor the progress of the systems through the duration of its operation. Monitoring field sheets for the system operation during 2007 and 2008 are included in Appendix II.

Product Recovery System - Following the initiation of the free-phase product recovery pumps at the Site, the product was pumped to dedicated 55-gallon drums (one each for MW-21 and MW-22). Due to degradation of the float material on the pumps, the inlets on the product recovery pumps had to be modified to static inlets. From the ground-water treatment system activation up until August 2, 2007, approximately 5 gallons of product were recovered, 1 gallon from MW-21 and 4 gallons from MW-22. Additionally, approximately 10 gallons of water were recovered from MW-21; and approximately 30 gallons of water were recovered from MW-22.

On August 2, 2007, after the carbon change-out for the ground-water treatment system was performed, the contaminated ground water associated with the product bailing activities (as well as 2 drums of water collected in connection with onsite ground-water sampling activities) was pumped

through the treatment system. This was done following receipt of verbal consent from the NYSDEC.

Since August 2, 2007, no additional product was recovered from MW-21 or MW-22. In the end of 2007 and beginning of 2008, the product recovery system was not operational. On May 7, 2008 the product recovery system was restarted and product from MW-22 was recovering effectively.

To date, there is approximately 45 gallons of free-phase product (total recovered since 2001) temporarily stored in one 55-gallon drum inside the Fyn building pending offsite disposal.

Ground-Water Treatment System – Water samples collected from the ground-water treatment system were analyzed for VOCs by EPA Method 8260. Tables summarizing the ground-water quality for the influent, post-stripper (pre-carbon) and effluent (post-carbon) samples collected from the ground-water treatment system are included in Appendix III. Copies of ground-water laboratory reports are included in Appendix IV. Following treatment, the water is discharged to the New York City sanitary sewer which is managed by the NYCDEP. Of the contaminants of concern at the Site, the only compounds which have established NYCDEP maximum concentration discharge limits include methyl tert-butyl ether (MTBE), benzene, toluene, ethylbenzene and total xylenes.

The air stripper effluent vapor stream was sampled concurrent with the treatment system ground-water sampling. Tables summarizing VOC concentrations in the air stripper effluent vapors are included in Appendix V. Copies of the air stripper effluent laboratory reports are included in Appendix VI.

On May 14, 2007, a carbon change-out was performed so that the system was not discharging water exceeding the allowable discharge limits. This was brought about due to the fact that the toluene concentration in the effluent was just above the allowable limit during the April 25, 2007 sampling event. Following the carbon change-out, the effluent sample collected indicated that all VOCs were below NYCDEP discharge limits.

During the system inspection on June 26, 2007, a significant bacterial growth was observed to have accumulated in the air stripper. The air flow was significantly reduced as a result and as such, the air stripper was cleaned the following day. After the air stripper was cleaned, the effluent water sample was collected. This sample, collected on June 27, 2007 had concentrations of toluene and total xylenes exceeding the NYCDEP discharge limits. As such, the system was

shut down pending completion of a carbon change-out. Additionally, it was discovered that there was a blown pump seal on the transfer pump. On July 23, 2007 the pump seal was replaced and the system was available for restart pending the carbon change-out.

On August 2, 2007, a second carbon change-out was performed on the system. After the carbon was replaced, onsite purge water (drummed in connection with onsite ground-water sampling activities) was run through the system for treatment. The following day on August 3, 2007, the air compressor oil was replaced to ensure proper operation of the equipment. Following the equipment maintenance activities, the treatment system was sampled. Upon receipt of the laboratory analytical, it was recorded that toluene exceeded the NYCDEP discharge limit. This was interpreted as an anomalous value due to the fact that the carbon was replaced the day prior.

During a system inspection performed on October 5, 2007 it was observed that the air flow (effluent) on the air stripper was almost not measurable. It was determined that this was due to iron precipitate on the stripper trays as well as some bacterial growth (first observed June 26, 2007) which had occurred again. It was determined that the system needed to be serviced and the system was shut down pending the air stripper maintenance. The air stripper was disassembled and cleaned on October 9, 2007 which consisted of removing iron precipitate from the individual trays as well as bacterial growth. Following the maintenance, the system was re-started.

Following the air stripper maintenance activities, onsite personnel at Fyn Paint observed erratic ground-water flow through the system. This consisted of long periods of time during which no flow was observed at the flow meter and during which the transfer pump was not cycling. On October 24, 2007, the submersible ground-water pump was removed from the well and cleaned. Iron precipitate was observed on the pump float (the mechanism which triggers the pump cycles) which prevented the pump from cycling, thereby preventing it from operating. After the pump was cleaned, the system was sampled.

On October 31, 2007, after an extended period where the flow meter was not functioning properly (during which flow rates were manually calculated onsite) the flow meter was bypassed on the system and removed. Upon inspection it was identified that the internal components of the flow meter had degraded to the point that it was no longer functioning. The laboratory results of the post-stripper sample collected October 24, 2007 indicated that all VOCs were below NYCDEP discharge limits. The treatment system was equipped with a chemical rated flow meter on March 24, 2008.

Copies of all ground-water laboratory reports are included in Appendix IV. During the May 16, 2007, June 27, 2007, August 3, 2007, October 24, 2007, February 4, 2008 and March 19, 2008 sampling events, air stripper effluent samples were collected and analyzed by EPA Method TO-14/TO-15. The results of the laboratory analysis indicate that the air stripper is effectively stripping VOCs from the extracted ground water. Copies of all air stripper effluent air laboratory reports are included in Appendix VI.

As shown by the laboratory analysis of the ground-water samples collected in 2007 and 2008, regular treatment system monitoring is required to ensure compliance with NYCDEP discharge limits. Additionally, it appears that carbon change-outs should be scheduled approximately every two to three months.

Also, concentrations of VOCs in the effluent vapor stream of the air stripper indicate that it is effectively stripping VOCs from the extracted ground water.

Site visits completed on January 11, 2008 showed that the air stripper maintenance was required. The system was shut off and the maintenance was performed on January 22, 2008. The IRM system was restarted in February 2008 and a ground-water sample of the influent, post-stripper and effluent were collected on February 4, 2008. The laboratory analysis results are summarized in Appendix III. On February 27, 2008, maintenance of the air stripper was completed and the ground-water treatment system was put back in operation.

Additional water and air samples were collected from the system on March 19, 2008 and the system was turned off for air stripper maintenance. The air stripper maintenance was performed on March 24, 2008 and the system operation was not started until May 8, 2008 following the discharge permit renewal (Appendix VII).

As of March 19, an estimated total of 594,140 gallons of ground water have been treated by the carbon treatment system and discharged to the New York City sanitary sewer system. An application for renewal of the discharge permit was submitted to NYCDEP in March 2008. However, no approval to discharge treated water to NYCDEP sewer system was obtained until May 8, 2008. One of the reasons for the delay for the NYCDEP approval was a request for specific laboratory analysis method, which was not requested and/or reinforced previously.

The liquid phase carbon was replaced on April 3, 2008. Several samples of treated ground water showed toluene levels to exceed the NYCDEP limit of 28 ug/l (micrograms per liter) with 1 ug/l (April 14, 2008). Additional water sampling completed on April 30, 2008 indicated that all

the effluent parameters were below NYCDEP standards. Following several requests by LBG, a Ground Water Discharge Permit was received on May 8, 2008.

Copies of letters requesting the extension of the ground-water discharge permit, including treated ground-water laboratory analysis as well as a copy of the approved NYCDEP permit are included in Appendix VII.

Operation, maintenance and monitoring (OM&M) of the IRM system will be conducted monthly within the last two weeks of every month. Ground-water samples will be collected from the influent, post air stripper and effluent and analyzed in laboratory for VOCs by EPA Method 624. (This is the required analytical method by NYCDEP.)

In addition, during the treatment OM&M event which occurs concurrently with ground-water monitoring, the effluent sample will be analyzed in accordance with 40 CFR Part 136. A report summarizing the IRM system OM&M will be submitted to NYSDEC and NYCDEP within 21 days after the sampling event.

LEGGETTE, BRASHEARS & GRAHAM, INC.

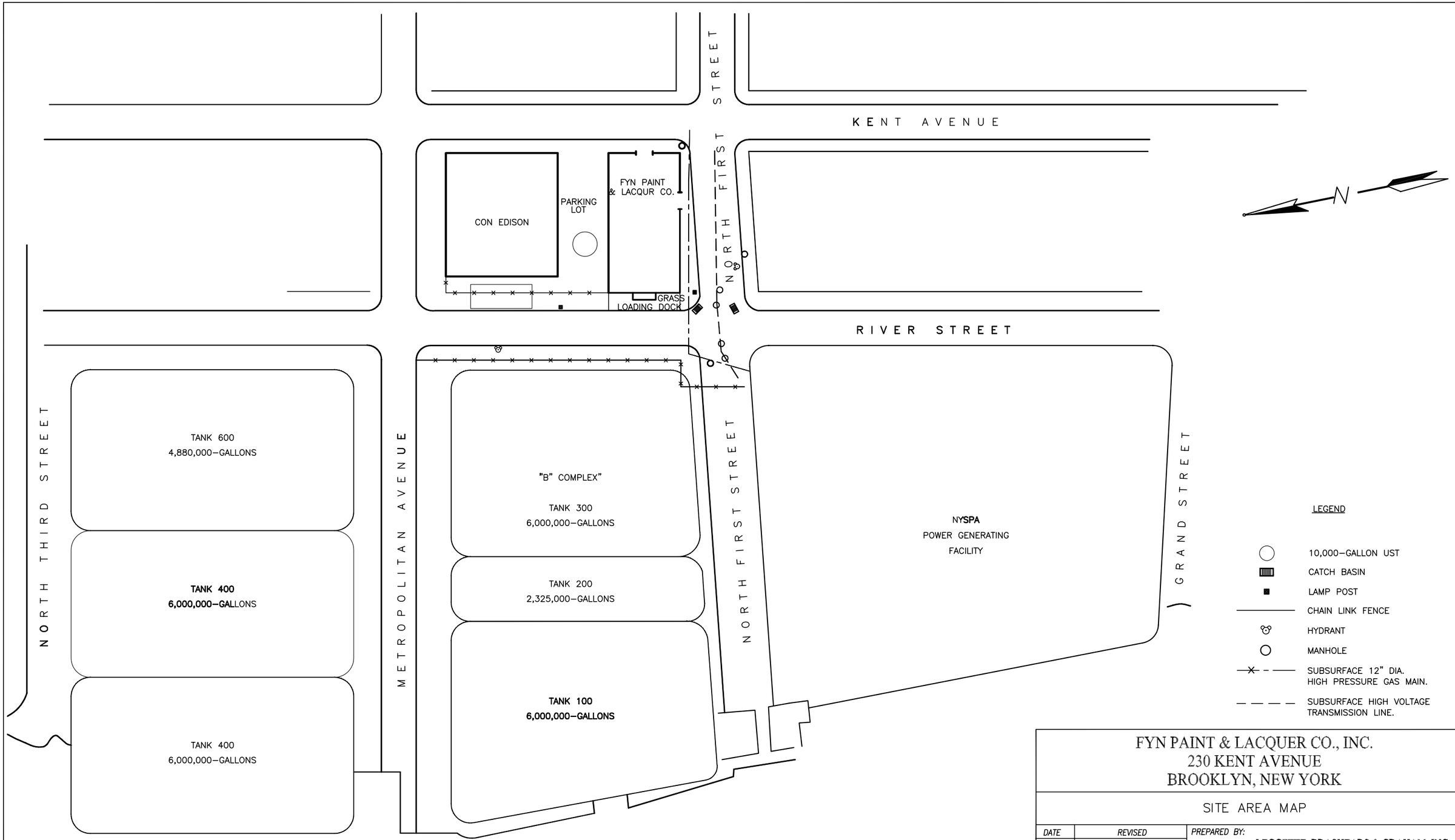
Sean Groszkowski
Associate

Reviewed By:

Dan C. Buzea, CPG
Vice President

dmd
May 15, 2008
F:\REPORTS\Keane Beane\2008\Interim Remedial Measures May 2008\report.lhw\00380-2.2008-05.IRM.pdf.doc

FIGURES



FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

SITE AREA MAP

DATE	REVISED

PREPARED BY:
LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	FCS	CHECKED:	PW	DATE:	1/15/06	FIGURE:	1

RIVER STREET

N. 1ST STREET

STAIRS TO SECOND FLOOR

POLE (TYP.)

B7 B4

B8 B5

B6 B3

ABANDONED 550 GALLON UST'S

STORAGE DRUMS AREA

SUBJECT PROPERTY

DOOR (TYP.)

TW-3

OFFICE

STAIRS TO BASEMENT

B2

TOILET

ABANDONED 1,500 GALLON UST

TW-2

ABANDONED 1,080 GALLON UST'S

TW-1

B-1

STAIRS TO SECOND FLOOR

ASPHALT PARKING AREA

ADJOINING PROPERTY

KENT AVENUE

LEGEND

- ● – Soil Boring
- ⌀ – TEMPORARY WELL

10 0 10 20 30

SCALE: 1"=10'-0"

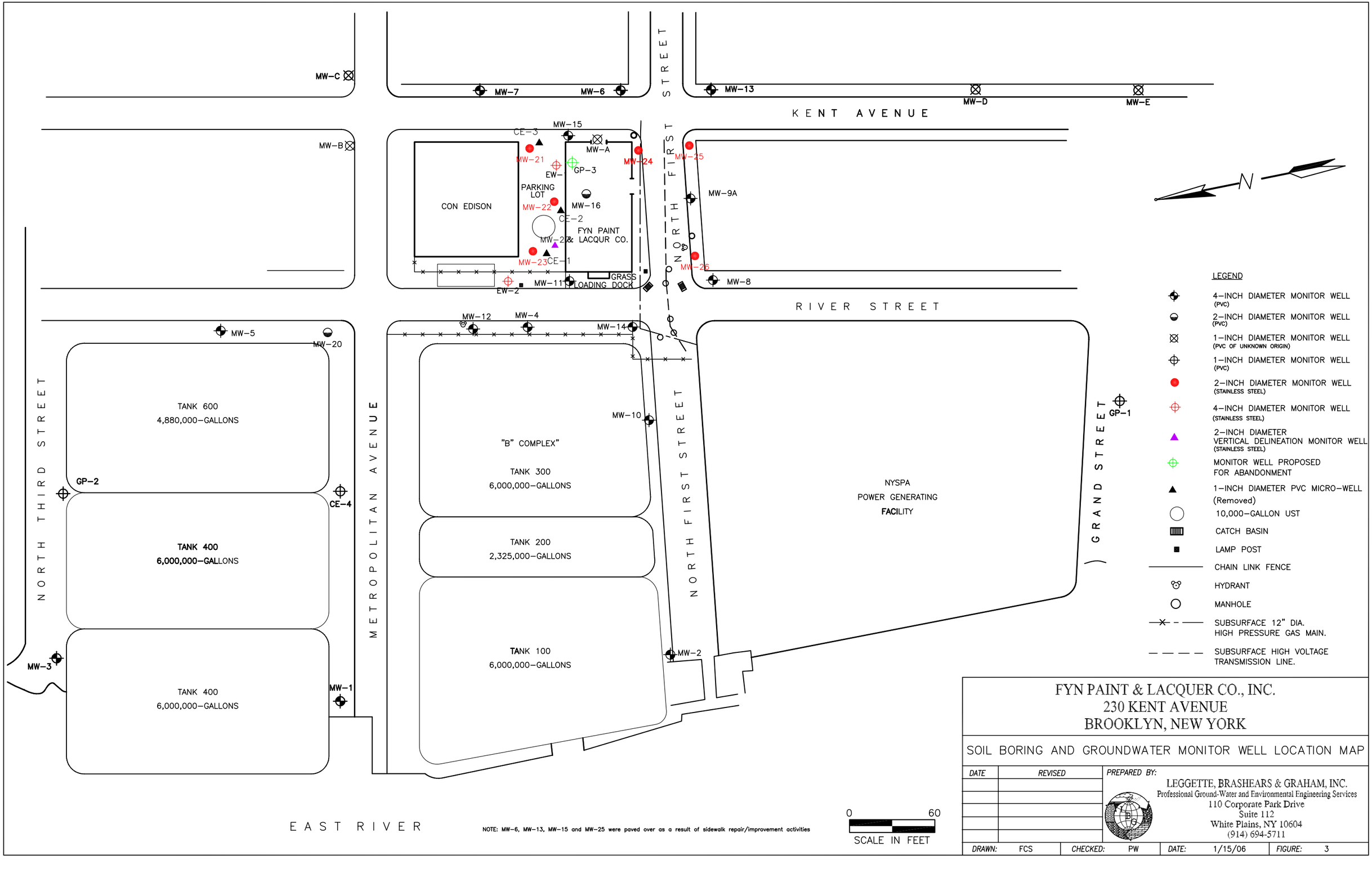
NOTE: This map is obtained from the Fenley & Nicol UST Abandonment and Subsurface Investigation for the Fyn Paint Site.

FYN PAINT AND LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

FYN PAINT UST ABANDONMENT AND SAMPLING LOCATION MAP

DATE	REVISED	PREPARED BY:
		LEGGETTE, BRASHEARS & GRAHAM, INC.
		Professional Ground-Water and Environmental Engineering Services
		110 Corporate Park Drive
		Suite 112
		White Plains, NY 10604
		(914) 694-5711

DRAWN:	CHECKED: SG	DATE: 2000	FIGURE: 2



NOTE: MW-6, MW-13, MW-15 and MW-25 were paved over as a result of sidewalk repair/improvement activities

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

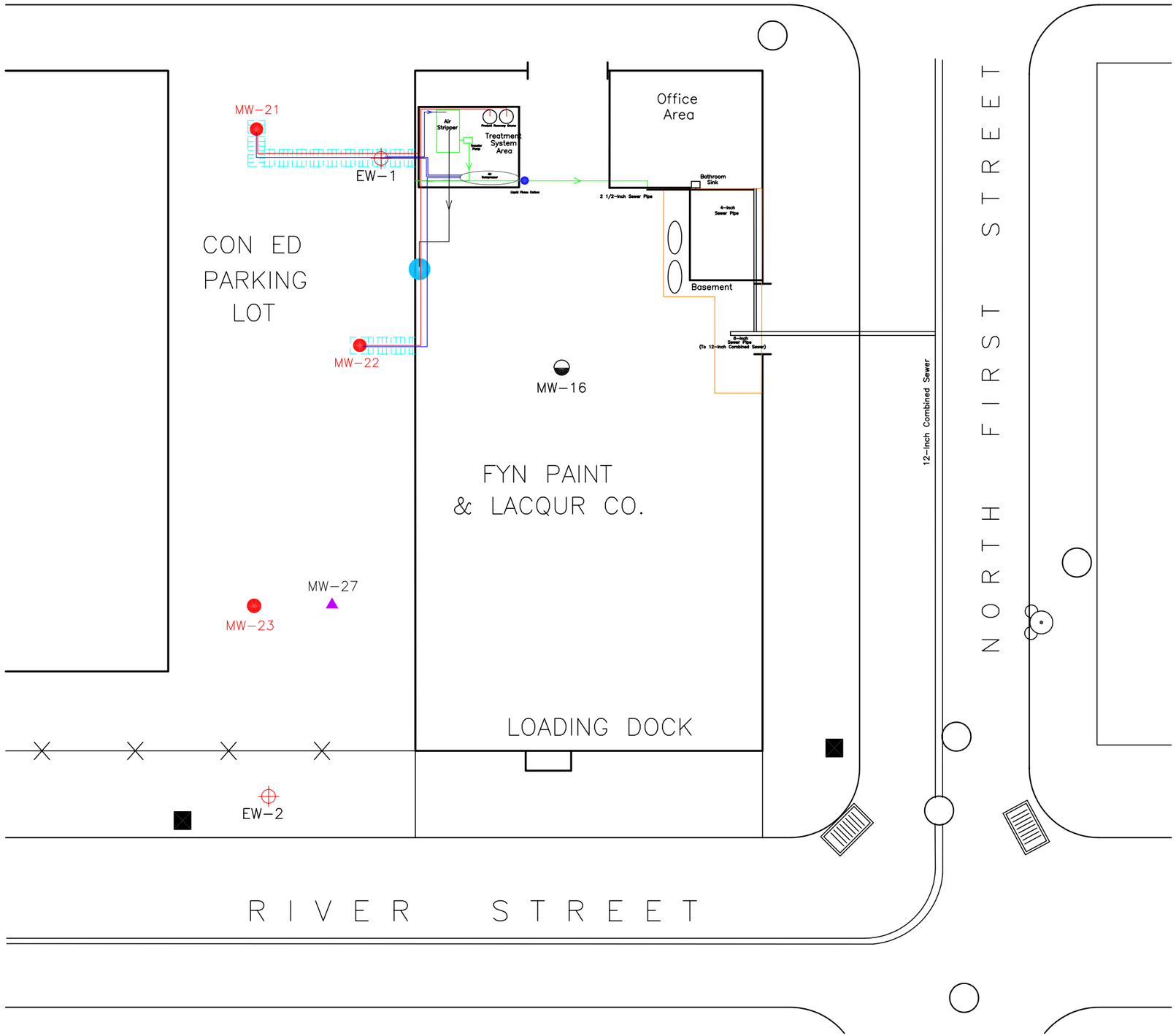
SOIL BORING AND GROUNDWATER MONITOR WELL LOCATION MAP

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	FCS	CHECKED:	PW	DATE:	1/15/06	FIGURE:	3



0 20

SCALE IN FEET

N

LEGEND

- 2–INCH DIAMETER MONITOR WELL (STAINLESS STEEL)
- 4–INCH DIAMETER MONITOR WELL (STAINLESS STEEL)
- 2–INCH DIAMETER VERTICAL DELINEATION MONITOR WELL (STAINLESS STEEL)
- 2–INCH DIAMETER MONITOR WELL (PVC)
- PIPING/TUBING/ELECTRIC TRENCH
- STORM–WATER CATCH BASIN
- LAMP POST
- CHAIN LINK FENCE
- HYDRANT
- MANHOLE
- GROUNDWATER/COMPRESSED AIR PIPING
- FREE–PHASE PRODUCT/COMPRESSED AIR PIPING
- EFFLUENT WATER DISCHARGE PIPING/TUBING
- EFFLUENT VAPOR DISCHARGE PIPING
- BASEMENT BOUNDARY
- VAPOR PHASE EFFLUENT DISCHARGE STACK
- SEWER LINE (Discharges to the 12–Inch Combined Sewer)

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

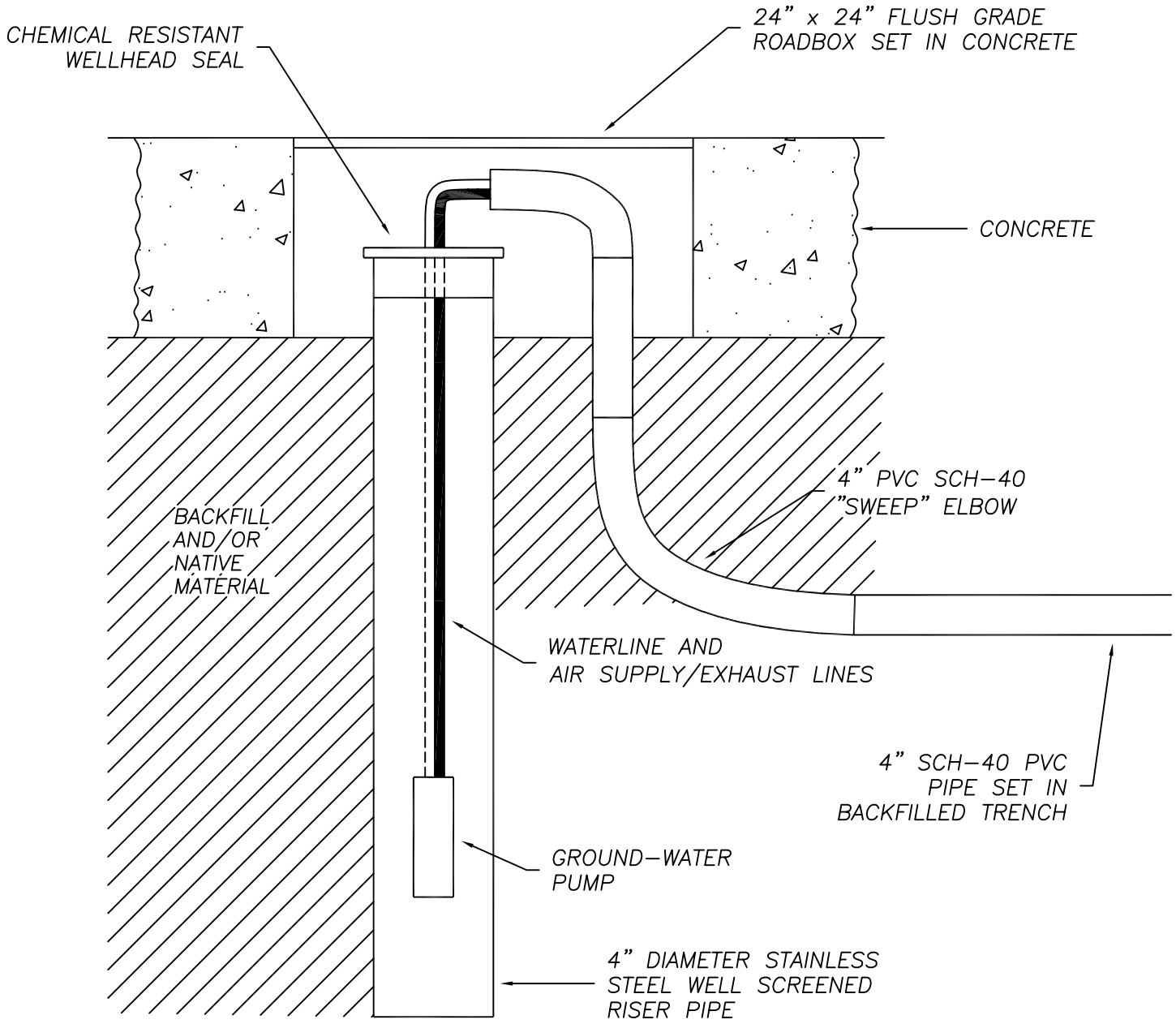
TREATMENT SYSTEM LOCATION AND PIPING LAYOUT

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	SG	CHECKED:	SG	DATE:	3/25/05	FIGURE:	4



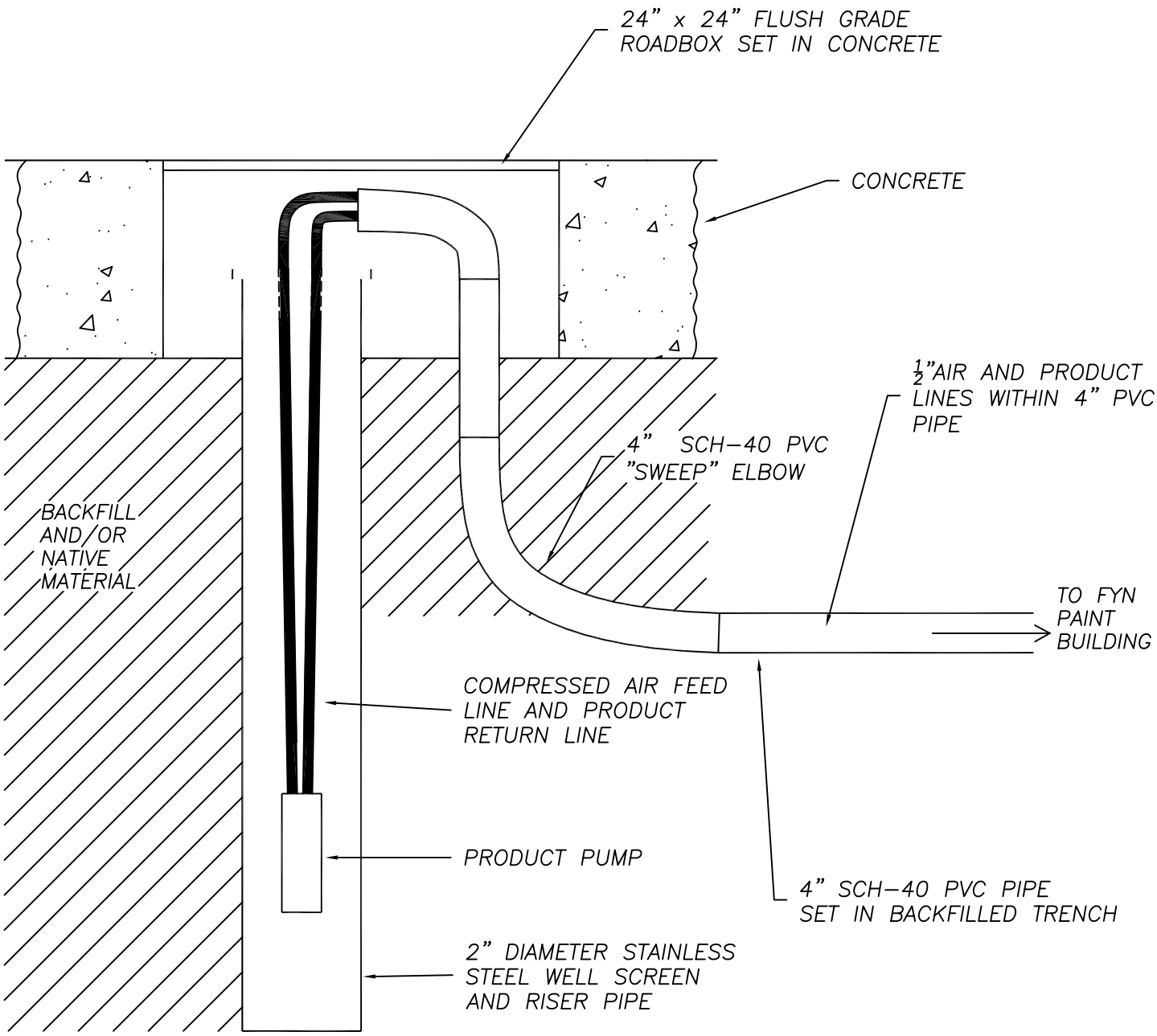
NOTE: NOT TO SCALE

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

GROUNDWATER EXTRACTION WELL PIPING CROSS-SECTION

PREPARED BY:
LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Services
110 Corporate Park Drive; Suite 112
White Plains, New York
(914) 694-5711

FILE: k:\gw dep wellhead	DRAWN BY: JAM	CHECKED BY: SG	DATE: 10/23/06
			FIGURE: 5



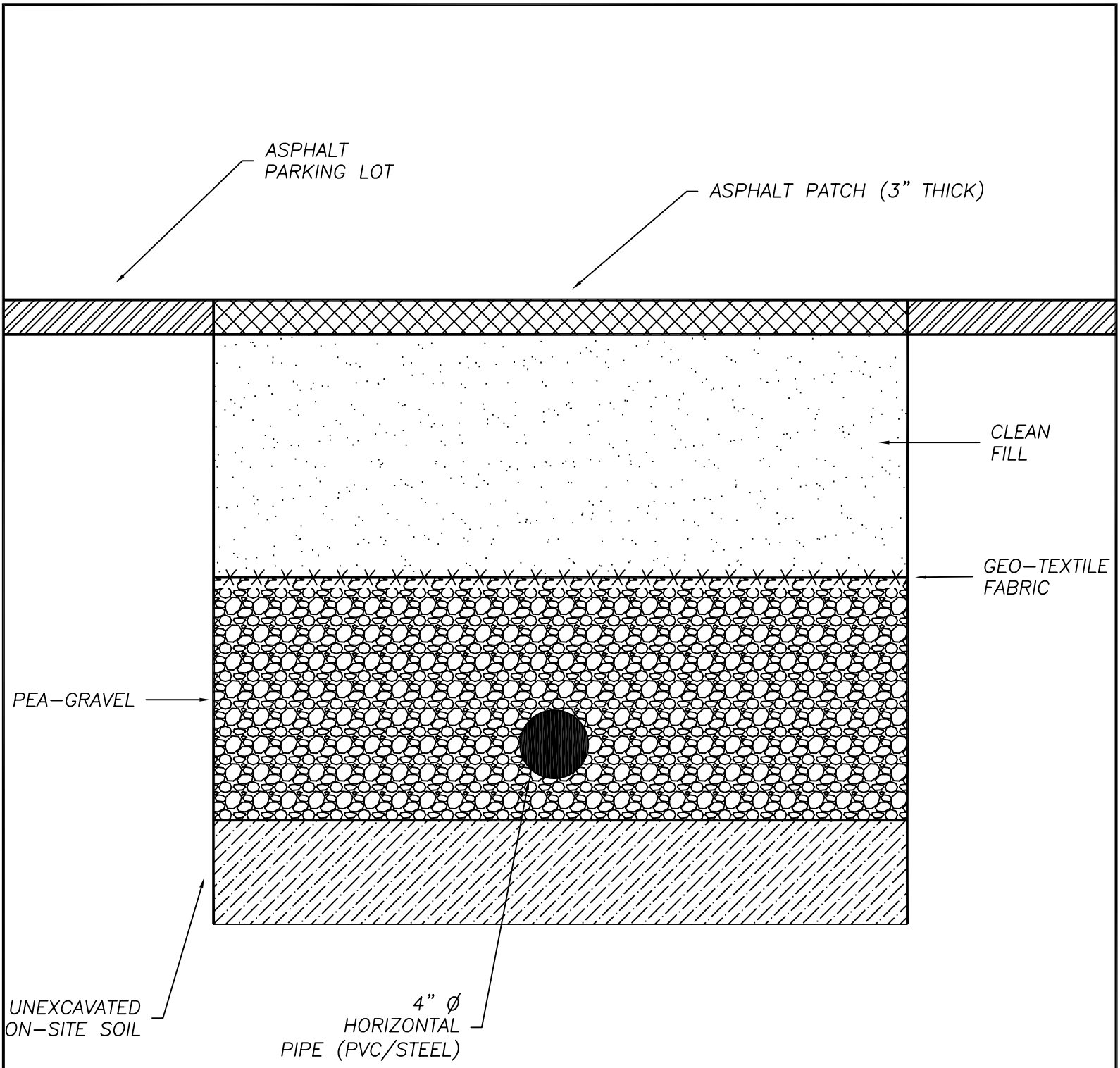
NOTE: NOT TO SCALE

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

PRODUCT RECOVERY WELL PIPING CROSS-SECTION

PREPARED BY:
LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Services
110 Corporate Park Drive; Suite 112
White Plains, New York
(914) 694-5711

FILE: k:\product recovery	DRAWN BY: JAM	CHECKED BY: SG	DATE: 10/24/06
			FIGURE: 6



DEPTH = 3.75 ft
WIDTH = 5ft
RATIO = 3:4 (DEPTH TO WIDTH)

0 1

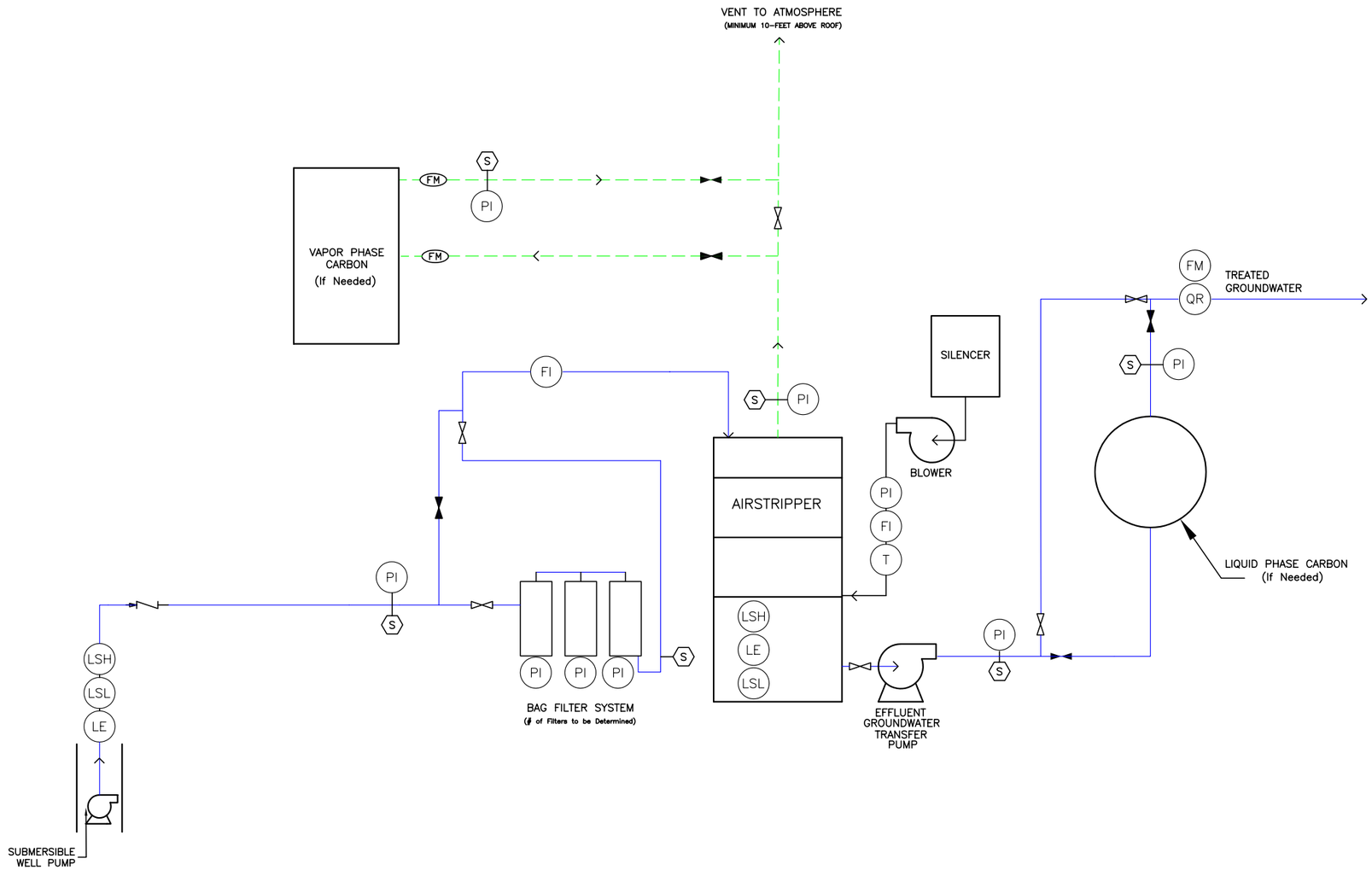
SCALE IN FEET

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

PIPE TRENCH DIAGRAM
MW-21, MW-22 & EW-1 CROSS SECTION

PREPARED BY:
LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Services
110 Corporate Park Drive; Suite 112
White Plains, New York
(914) 694-5711

FILE: WhitePlains\pipetrench	DRAWN BY: JAM	CHECKED BY: SG	DATE: 10/24/06
			FIGURE: 7



LEGEND

	PROCESS LINE – WATER
	PROCESS LINE – AIR
	FLOW DIRECTION
FI	FLOW INDICATOR
LE	LEVEL SENSOR
LSH	LEVEL SWITCH HIGH
LSL	LEVEL SWITCH LOW
PI	PRESSURE INDICATOR
QR	QUANTITY RECORD (TOTALIZER)
S	SAMPLE PORT
FM	FLOW METER
	GATE VALVE – NORMALLY OPEN
	GATE VALVE – NORMALLY CLOSED
	CHECK VALVE

Not to scale

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

PROCESS FLOW DIAGRAM
GROUNDWATER TREATMENT SYSTEM – PROCESS AND INSTRUMENTATION

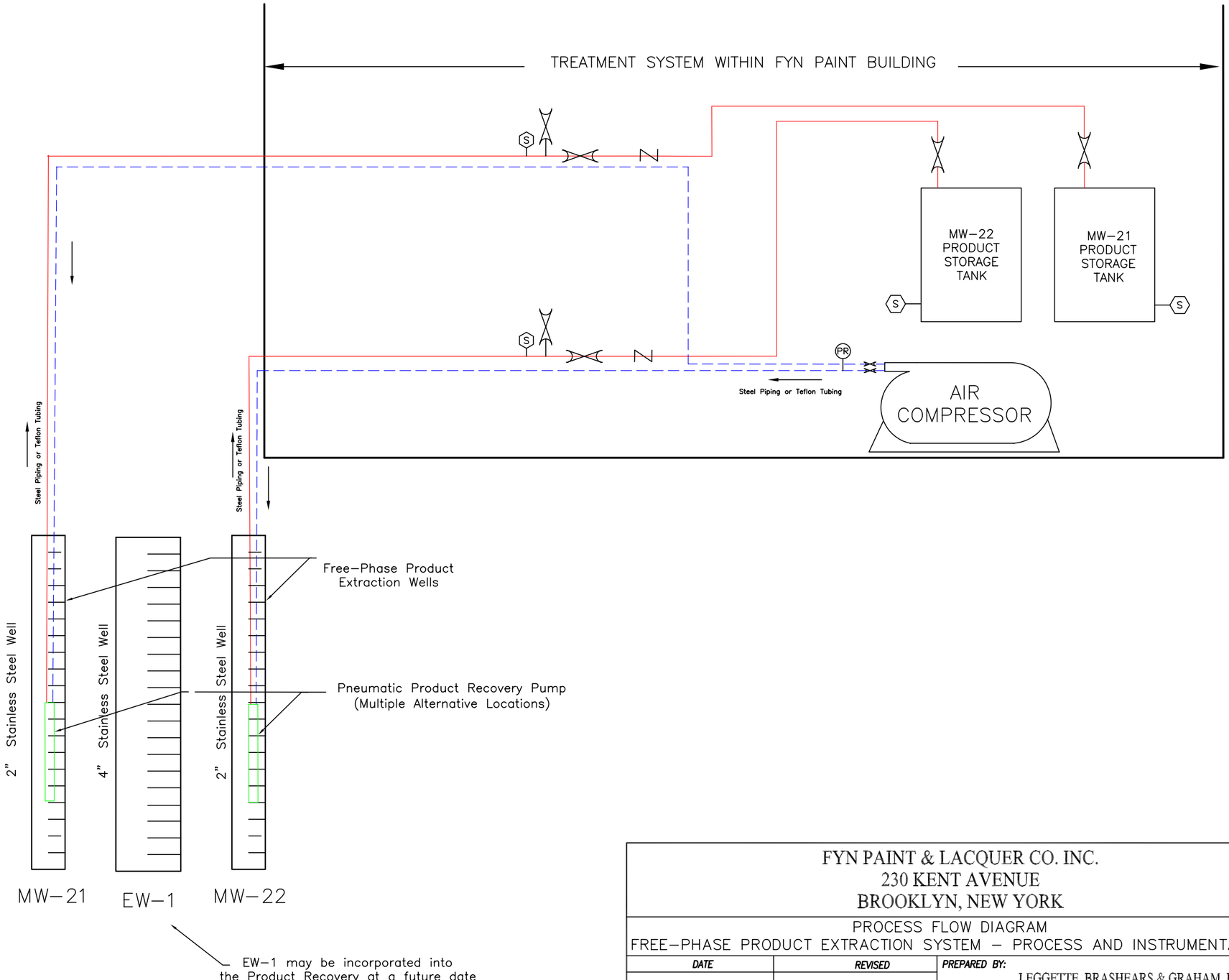
DATE	REVISED

PREPARED BY:
LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	FCS	CHECKED:	SG	DATE:	6/06/06	FIGURE:	8

LEGEND

- SAMPLE PORT
- PRESSURE RELEASE VALVE
- GATE VALVE
- CHECK VALVE
- PROCESS LINE – PRODUCT
- PROCESS LINE – AIR
- FLOW DIRECTION



Not to scale

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

PROCESS FLOW DIAGRAM
FREE–PHASE PRODUCT EXTRACTION SYSTEM – PROCESS AND INSTRUMENTATION

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	SCG	CHECKED:	SG	DATE:	1/08/08	FIGURE:	9

Detail Incident Report

Steam - Hudson Avenue Station

Incident ID: **220646 / 5** **Closed** **Ready to Submit for NYSDEC Approval**

Sewer / Water Affected: N Permit Incident: Fire/Smoke Involved: N Precipitation: On-going Leak: N Private Property Affected: N Injured Person: N

Incident Type: Spill - Oil Reportable

Title: 260 ppm (approx 1 oz total) of Feeder Oil discovered in soil being removed from sink hole at N. 1st

Discovered Date: 03/17/2010 07:48

First Reported: 03/17/2010 07:48

First Reported to CIG: 03/17/2010 09:43

Cleanup Completed/Stopped: 03/30/2010 15:00

Site: N. 1st Street

Facility: Fuel Facility

Street: 214 KENT AVE. City: NEW YORK County: KINGS State: NY Zip: 11211

Location Description: North 1st Street Facility

Administration Business Unit: Steam - Hudson Avenue Station

Initial Observation: Sample results showed 260 ppm of Feeder E10 Oil from a soil sample taken at North 1st Street.

Access/Parking Obstruction: N

Comment:

Source: Unknown

Cause:

Cause: Unknown Cause Description:

Reason: Unknown

Substance

Substance:	Released:	Contained:	Total:	Sampled On:	Media Name
Dielectric Fluid - Transmission Feeder	1.00 Gallons	0.00 Gallons	1.00 Gallons		Soil/Grass
Comment: total is one (1) Ounce (UOM is NOT Gals)					

Detail Incident Report

Steam - Hudson Avenue Station

Incident ID: **220646 / 5** **Closed** **Ready to Submit for NYSDEC Approval**

Notification

Regulatory Body/ DL	Regulatory Body Event ID	Made By	To	Substances				Notification Date	Comment	Status
Con Edison		Neal Darrell	Sean Mahoney	Dielectric Fluid - Transmission Feeder	Released:	260.00	Parts Per Million	03/17/2010 10:10		Notified
					Contained:	0.00	Parts Per Million			
Con Edison		Neal Darrell	Leon Paretsky		Released:	260.00	Parts Per Million	03/17/2010 09:56		Notified
					Contained:	0.00	Parts Per Million			
ERT Notification		Neal Darrell		Dielectric Fluid - Transmission Feeder	Released:	260.00	Parts Per Million	03/17/2010 09:46	Ponticorvo	Notified
					Contained:	0.00	Parts Per Million			
NYS Department of Environmental Conservation	0913214	Neal Darrell	Bruce	Dielectric Fluid - Transmission Feeder	Released:	260.00	Parts Per Million	03/17/2010 09:46		Notified
					Contained:	0.00	Parts Per Million			

Incident ID: **220646 / 5** **Closed** **Ready to Submit for NYSDEC Approval**

Analysis Results

Lab Seq No. 10-02019-001
COC ID GG11023
Matrix
Location

Substance Name	Result	Uom	Aproval Date
Benzene	< 0.01	MG/L	03/16/2010 20:08
Carbon_Tetrachloride	< 0.01	MG/L	03/16/2010 20:08
Chlorobenzene	< 0.01	MG/L	03/16/2010 20:08
Chloroform	< 0.01	MG/L	03/16/2010 20:08
1,2-Dichloroethane	< 0.01	MG/L	03/16/2010 20:08
1,1-Dichloroethene	< 0.01	MG/L	03/16/2010 20:08
Tetrachloroethene	< 0.01	MG/L	03/16/2010 20:08
Trichloroethene	< 0.01	MG/L	03/16/2010 20:08
Vinyl_Chloride	< 0.01	MG/L	03/16/2010 20:08
2-Butanone	< 0.01	MG/L	03/16/2010 20:08

Comment 0.010

Lab Seq No. 10-02019-002
COC ID GG11023
Matrix
Location

Substance Name	Result	Uom	Aproval Date
Univolt_60_Transformer_Oil	< 7.70	MG/KG	03/16/2010 20:08
Gasoline	< 7.70	MG/KG	03/16/2010 20:08
Lubricating_Oils	< 7.70	MG/KG	03/16/2010 20:08
#4_Fuel_Oil	< 7.70	MG/KG	03/16/2010 20:08
#6_Fuel_Oil	< 7.70	MG/KG	03/16/2010 20:08
Dielectric_Fluid_100_Oil	< 7.70	MG/KG	03/16/2010 20:08
DiChevrol_Fluid_100_Cable_Oil	< 7.70	MG/KG	03/16/2010 20:08
DiChevrol_Fluid_500_Cable_Oil	< 7.70	MG/KG	03/16/2010 20:08
Diesel_Fuel_Oil	< 7.70	MG/KG	03/16/2010 20:08
Feeder_37377_Oil	< 7.70	MG/KG	03/16/2010 20:08
Feeder_38m06_Oil	< 7.70	MG/KG	03/16/2010 20:08
Feeder_38R51_Oil	< 7.70	MG/KG	03/16/2010 20:08
Feeder_38R52_Oil	< 7.70	MG/KG	03/16/2010 20:08
Feeder_E10_Oil	260.00	MG/KG	03/16/2010 20:08
Feeder_51_Oil	< 7.70	MG/KG	03/16/2010 20:08
Feeder_55_Oil	< 7.70	MG/KG	03/16/2010 20:08
Feeder_Transformer_Oil	< 7.70	MG/KG	03/16/2010 20:08
#2_Fuel_Oil	< 7.70	MG/KG	03/16/2010 20:08
High_Visc._Polybutene_Cable_Oil	< 7.70	MG/KG	03/16/2010 20:08

Incident ID: **220646 / 5** **Closed** **Ready to Submit for NYSDEC Approval**

JP4_(Aviation Fuel)	<	7.70	MG/KG	03/16/2010 20:08
Kerosene	<	7.70	MG/KG	03/16/2010 20:08
Low_Visc._Polybutene_Cable_Oil	<	7.70	MG/KG	03/16/2010 20:08
Motor_Oil	<	7.70	MG/KG	03/16/2010 20:08
%_Moisture		12.90	%WET	03/16/2010 20:08
Petroleum_Base_Transformer_Oil	<	7.70	MG/KG	03/16/2010 20:08
Silicone_Base_Transformer_Oil	<	7.70	MG/KG	03/16/2010 20:08
Sun_#4_Cable_Oil	<	7.70	MG/KG	03/16/2010 20:08
Sun_#6_Cable_Oil	<	7.70	MG/KG	03/16/2010 20:08
Sun_#8_II_Base_Transformer_Oil	<	7.70	MG/KG	03/16/2010 20:08
TPH_(Total_Petroleum_Hydrocarbons)		260.00	MG/KG	03/16/2010 20:08

Comment 260

Lab Seq No. 10-02019-003
COC ID GG11023
Matrix
Location

Substance Name		Result	Uom	Aproval Date
Aroclor_1016	<	38.00	UG/KG	03/16/2010 20:08
Aroclor_1221	<	77.00	UG/KG	03/16/2010 20:08
Aroclor_1232	<	38.00	UG/KG	03/16/2010 20:08
Aroclor_1242	<	38.00	UG/KG	03/16/2010 20:08
Aroclor_1248	<	38.00	UG/KG	03/16/2010 20:08
Aroclor_1254	<	38.00	UG/KG	03/16/2010 20:08
Aroclor_1260	<	38.00	UG/KG	03/16/2010 20:08
%_Moisture		12.80	%WET	03/16/2010 20:08

Comment 12.8

Lab Seq No. 10-02019-004
COC ID GG11023
Matrix
Location

Substance Name		Result	Uom	Aproval Date
o-Cresol	<	0.01	MG/L	03/16/2010 20:08
m,p-Cresol	<	0.01	MG/L	03/16/2010 20:08
Cresols,_Total	<	0.02	MG/L	03/16/2010 20:08
2,4-Dinitrotoluene	<	0.01	MG/L	03/16/2010 20:08
Hexachlorobenzene	<	0.01	MG/L	03/16/2010 20:08
Hexachlorobutadiene	<	0.01	MG/L	03/16/2010 20:08
Hexachloroethane	<	0.01	MG/L	03/16/2010 20:08
Nitrobenzene	<	0.01	MG/L	03/16/2010 20:08
Pentachlorophenol	<	0.03	MG/L	03/16/2010 20:08
Pyridine	<	0.01	MG/L	03/16/2010 20:08

Incident ID: **220646 / 5** **Closed** **Ready to Submit for NYSDEC Approval**

2,4,5-Trichlorophenol		<	0.03	MG/L	03/16/2010 20:08
2,4,6-Trichlorophenol		<	0.01	MG/L	03/16/2010 20:08
1,4-Dichlorobenzene		<	0.01	MG/L	03/16/2010 20:08

Comment 0.010

Lab Seq No. 10-02019-005
COC ID GG11023
Matrix
Location

Substance Name		Result	Uom	Aproval Date
Arsenic_as_As	<	1.00	MG/L	03/16/2010 20:08
Barium_as_Ba	<	10.00	MG/L	03/16/2010 20:08
Cadmium_as_Cd	<	0.10	MG/L	03/16/2010 20:08
Chromium_as_Cr	<	1.00	MG/L	03/16/2010 20:08
Lead_as_Pb	<	1.00	MG/L	03/16/2010 20:08
Mercury_as_Hg	<	0.00	MG/L	03/16/2010 20:08
Selenium_as_Se	<	0.10	MG/L	03/16/2010 20:08
Silver_as_Ag	<	1.00	MG/L	03/16/2010 20:08

Comment 1.00

Lab Seq No. 10-02019-006
COC ID GG11023
Matrix
Location

Substance Name		Result	Uom	Aproval Date
Feeder_38m06_Oil	<	7.80	MG/KG	03/16/2010 20:08
Feeder_37377_Oil	<	7.80	MG/KG	03/16/2010 20:08
Feeder_38R51_Oil	<	7.80	MG/KG	03/16/2010 20:08
Feeder_38R52_Oil	<	7.80	MG/KG	03/16/2010 20:08
Feeder_E10_Oil		250.00	MG/KG	03/16/2010 20:08
Feeder_51_Oil	<	7.80	MG/KG	03/16/2010 20:08
Feeder_55_Oil	<	7.80	MG/KG	03/16/2010 20:08
Feeder_Transformer_Oil	<	7.80	MG/KG	03/16/2010 20:08
#2_Fuel_Oil	<	7.80	MG/KG	03/16/2010 20:08
%_Moisture		13.70	%WET	03/16/2010 20:08
TPH_(Total_Petroleum_Hydrocarbons)		250.00	MG/KG	03/16/2010 20:08
DiChevrol_Fluid_100_Cable_Oil	<	7.80	MG/KG	03/16/2010 20:08
DiChevrol_Fluid_500_Cable_Oil	<	7.80	MG/KG	03/16/2010 20:08
Silicone_Base_Transformer_Oil	<	7.80	MG/KG	03/16/2010 20:08
High_Visc._Polybutene_Cable_Oil	<	7.80	MG/KG	03/16/2010 20:08
Low_Visc._Polybutene_Cable_Oil	<	7.80	MG/KG	03/16/2010 20:08
Sun_#4_Cable_Oil	<	7.80	MG/KG	03/16/2010 20:08
Sun_#6_Cable_Oil	<	7.80	MG/KG	03/16/2010 20:08

Incident ID: **220646 / 5** **Closed** **Ready to Submit for NYSDEC Approval**

Sun_#8_II_Base_Transformer_Oil	<	7.80	MG/KG	03/16/2010 20:08
Petroleum_Base_Transformer_Oil	<	7.80	MG/KG	03/16/2010 20:08
Gasoline	<	7.80	MG/KG	03/16/2010 20:08
Lubricating_Oils	<	7.80	MG/KG	03/16/2010 20:08
Kerosene	<	7.80	MG/KG	03/16/2010 20:08
#4_Fuel_Oil	<	7.80	MG/KG	03/16/2010 20:08
#6_Fuel_Oil	<	7.80	MG/KG	03/16/2010 20:08
Univolt_60_Transformer_Oil	<	7.80	MG/KG	03/16/2010 20:08
Diesel_Fuel_Oil	<	7.80	MG/KG	03/16/2010 20:08
Motor_Oil	<	7.80	MG/KG	03/16/2010 20:08
JP4_(Aviation Fuel)	<	7.80	MG/KG	03/16/2010 20:08
Dielectric_Fluid_100_Oil	<	7.80	MG/KG	03/16/2010 20:08

Comment 7.8

People

Last Name	First Name	Phone	Email	Agency	Agency Empl ID
Baker	Herman	718/267-3853	BAKERH@coned.com		
Role: ERT (Env. Response Team - EHS)					
Activity: ERT Follow Up Incident Review	Description:				
Bellows	Brian	718/904-4648	BellowsB@coned.com		
Role: Finder					
Role: First Reported By					
Bruce				NYS Department of Environmental Conservation	588
Role: Regulatory Agency Contact					
Darrell	Neal	212/580-6763	DarrellN@coned.com		
Role: CIG Operator Called					
Role: Notification					
Deutsch	Brian	718/834-3982	DEUTSCHB@coned.com		
Role: Incident Creator					
Mahoney	Sean		mahoneys@coned.com	Con Edison	[S]63284085237993573
Role: Regulatory Agency Contact					
Paretsky	Leon		paretskyl@coned.com	Con Edison	[S]63320183454926183
Role: Regulatory Agency Contact					
Pontecorvo	Daniel	347/203-2573	PontecorvoD@coned.com		
Role: ERT (Env. Response Team - EHS)					
Activity: ERT Initial Incident Review	Description:				
Vendor	Allstate Power Vac	(888) 897-8733			
Role: Cleanup Person					

Detail Incident Report

Steam - Hudson Avenue Station

Incident ID: **220646 / 5** **Closed** **Ready to Submit for NYSDEC Approval**

Business Unit

Responsibility	Business Unit	Comments
Administration	Steam - Hudson Avenue Station	
Cause	Steam - Hudson Avenue Station	
Clean up	Steam - Hudson Avenue Station	

Resolution

Timestamp:	Description:	Entered By:
03/17/2010 9:51	Soil is landed on plastic sheeting to be disposed of as C&D to a landfill	Deutsch, Brian
05/04/2010 8:05	Soil transported offsite on 3/30/2010. No traces of oil found onsite. Excavation has been filled and paved over.	Deutsch, Brian
03/17/2010 9:51	Corrective Action: Soil was placed on plastic sheeting and is to be removed as C&D waste to a landfill	Deutsch, Brian

Change History:

Timestamp	Section	Field	Data	Comment	Changed By:
05/04/2010 8:09	Incident	Stop Date	Mar 30 2010 3:00PM		Deutsch, Brian
05/04/2010 8:09	Incident Status	Status	Closed		Deutsch, Brian
05/04/2010 8:09	Incident Status Reason	Status Reason	Ready to Submit for NYSDEC Approval		Deutsch, Brian
03/18/2010 14:42	Comment	Comment	Substance	one (1) ounce is the UOM NOT Gallons (by ERT HB)	Baker, Herman
03/17/2010 9:51	Comment	Comment	Corrective Action	Soil was placed on plastic sheeting and is to be removed as C&D waste to a landfill	Deutsch, Brian
03/17/2010 9:51	Incident	Discovered	Mar 17 2010 7:48AM		Deutsch, Brian
03/17/2010 9:51	Incident	First Reported	Mar 17 2010 7:48AM		Deutsch, Brian
03/17/2010 9:51	Incident	Reported to CIG	Mar 17 2010 9:43AM		Deutsch, Brian
03/17/2010 9:51	Incident	Type	Spill - Oil Reportable		Deutsch, Brian
03/17/2010 9:51	Incident Cause	Cause	Unknown		Deutsch, Brian
03/17/2010 9:51	Incident Cause Reason	Cause Reason	Unknown		Deutsch, Brian
03/17/2010 9:51	Incident Status	Status	Pending		Deutsch, Brian
03/17/2010 9:51	Incident Status Reason	Status Reason	Cleanup		Deutsch, Brian

FILTER:

Incident Id: 220646

Date: 05/13/2010 15:40

Detail Incident Report

Construction

Incident ID: 229502 / 5 **Closed Ready to Submit for NYSDEC Approval**

Sewer / Water Affected: N Permit Incident: Fire/Smoke Involved: N Precipitation: N On-going Leak: N Private Property Affected: N Injured Person: N

Incident Type: Spill - Oil Reportable

Title: 1 Quart of hydraulic fluid on bluestone & dirt. Reported to CIG

Discovered: 04/24/2012 07:45

First Reported: 04/24/2012 07:57

First Reported to CIG: 04/24/2012 08:12

Cleanup Completed/Stopped: 04/24/2012 08:03

Site: Astoria

Facility: Construction

Street: 31-01 20TH. AVE. City: NEW YORK County: QUEENS State: NY Zip: 11105

Location Description: 87 River Street & Metropolitan Avenue

Administration Business Unit: Construction

Initial Observation: Construction Management Employee R.Best reports Contractor DEMCO equipment sheers malfunctioned. Hose came off and 1 quart of hydraulic fluid was released to bluestone & dirt. Hose was re-attached and duct tape was placed around hose to correct condition. Diapers & Kitty Litter were placed down. All affected bluestone & dirt was picked up and placed in a double plastic bag along with soiled diapers & kitty litter. Cleanup Complete as of 0803 hrs. Contractor will remove waste.

Access/Parking Obstruction: N

Comment:

Source: CE Contractor

Cause

Cause: Equipment Malfunction Cause Description:

Reason: Aged equipment

Substance

Substance	Released	Contained	Total	Sampled On	Media Name
Hydraulic Fluid	0.25 Gallons	0.00 Gallons	0.25 Gallons		Bluestone

Incident ID: 229502 / 5 **Closed Ready to Submit for NYSDEC Approval**

Notification

Regulatory Body/ DL	Regulatory Body Event ID	Made By	To	Substances				Notification Date	Comment	Status
CIG Desk		Thomas Enright		Hydraulic Fluid	Released:	0.25	Gallons	04/24/2012 09:19		Notified
					Contained:	0.00	Gallons			
ERT Notification		Thomas Enright			Released:	0.25	Gallons	04/24/2012 09:19		Notified
					Contained:	0.00	Gallons			
Con Edison		Thomas Enright	Andre DEFRANCIS	Hydraulic Fluid	Released:	0.25	Gallons	04/24/2012 09:18		Notified
					Contained:	0.00	Gallons			
NYS Department of Environmental Conservation	1200752	Thomas Enright	Quade	Hydraulic Fluid	Released:	0.25	Gallons	04/24/2012 08:16		Notified
					Contained:	0.00	Gallons			
Con Edison		Thomas Enright	Margaretha Lukshides	Hydraulic Fluid	Released:	0.25	Gallons	04/24/2012 08:15		Notified
					Contained:	0.00	Gallons			

Incident ID: 229502 / 5

Closed Ready to Submit for NYSDEC Approval

People

Last Name	First Name	Phone	Email	Agency	Agency Employee ID
Best	Reggie	718/204-4419	BestRE@coned.com		
Role: Cleanup Person					
Role: Finder					
Role: First Reported By					
Carullo Jr	Anthony		CARULLOJRA@coned.com		
Role: EHS - Local Representative					
Activity: EHS Closeout Review - Conducted		Description:	Soil/Bluestone affected by 1 qt. of hydraulic oil that spilled from equipment. Pads and kitty litter used to clean up oil. Pads, kitty litter, and all affected soil/bluestone was placed into double bags for disposal.		
DEFRANCIS	Andre		DEFRANCISA@CONED.COM	Con Edison	[S]63462494496642208
Role: Regulatory Agency Contact					
Enright	Thomas	212/580-6765	ENRIGHTT@coned.com		
Role: CIG Operator Called					
Role: Notification					
Lukshides	Margaretha			Con Edison	[S]63446839137994073
Role: Regulatory Agency Contact					
Role: ERT (Env. Response Team - EHS)					
Activity: ERT Initial Incident Review		Description:			
Montebello	Joseph	718/246-6610	MontebelloJ@coned.com		
Role: Incident Creator					
Quade				NYS Department of Environmental Conservation	[S]63362123116547489
Role: Regulatory Agency Contact					

Business Unit

Responsibility	Business Unit	Comments
Administration	Construction	
Cause	Construction	
Clean up	Construction	

Detail Incident Report

Construction

Incident ID: 229502 / 5 **Closed Ready to Submit for NYSDEC Approval**

Resolution

Timestamp:	Description:	Entered By:
04/24/2012 8:24	Construction Management Employee R.Best reports Contractor DEMCO equipment sheers malfunctioned. Hose came off and 1 quart of hydraulic fluid was released to bluestone & dirt. Hose was re-attached and duct tape was placed around hose to correct condition. Diapers & Kitty Litter were placed down. All affected bluestone & dirt was picked up and placed in a double plastic bag along with soiled diapers & kitty litter. Cleanup Complete as of 0803 hrs. Contractor will remove waste.	Montebello, Joseph
04/24/2012 8:24	Corrective Action: Construction Management Employee R.Best reports Contractor DEMCO equipment sheers malfunctioned. Hose came off and 1 quart of hydraulic fluid was released to bluestone & dirt. Hose was re-attached and duct tape was placed around hose to correct condition. Diapers & Kitty Litter were placed down. All affected bluestone & dirt was picked up and placed in a double plastic bag along with soiled diapers & kitty litter. Cleanup Complete as of 0803 hrs. Contractor will remove waste.	Montebello, Joseph

Change History

Timestamp	Section	Field	Data	Comment	Changed By
04/25/2012 14:45	Incident Status	Status	Closed	All soil/bluestone affected by the hydraulic oil leak has been cleaned up and placed into doube plastic bags along with kitty litter and sorbent pads used to clean up the spill. Contractor shall dispose of all materials.	Carullo Jr, Anthony
04/25/2012 14:45	Incident Status Reason	Status Reason	Ready to Submit for NYSDEC Approval	All soil/bluestone affected by the hydraulic oil leak has been cleaned up and placed into doube plastic bags along with kitty litter and sorbent pads used to clean up the spill. Contractor shall dispose of all materials.	Carullo Jr, Anthony
04/24/2012 8:27	Incident Status	Status	Pending		Montebello, Joseph
04/24/2012 8:27	Incident Status Reason	Status Reason	Cleanup Complete / Pending Administrative Closure		Montebello, Joseph

FILTER:

Incident Id: 229502

Date: 05/17/2012 14:35

LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUNDWATER AND
ENVIRONMENTAL ENGINEERING SERVICES

4 WESTCHESTER PARK DRIVE, SUITE 175
WHITE PLAINS, NY 10604
914-694-5711
FAX 914-694-5744
www.lbgweb.com

February 4, 2016

Via e-mail: ***ioana.munteanu-ramnic@dec.ny.gov***

Ms. Ioana Munteanu-Ramnic
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101

Dear Ms. Munteanu-Ramnic:

Attached for your file is one (1) electronic copy of the following Leggette, Brashears & Graham, Inc. (LBG) report titled "Groundwater Monitoring Report, 2015 Biannual Event 2 of 2, Fyn Paint & Lacquer Co., Inc., 230 Kent Avenue, Borough of Brooklyn, City of New York, BCP Site No. C224154".

If you have any questions please do not hesitate to contact me at (914) 694-5711.

Very truly yours,

LEGGETTE, BRASHEARS & GRAHAM, INC.



Sean Groszkowski
Associate Vice President

SG:dmd
Attachments
cc: Mier Schweid
Charles Warren
David Rubin

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GROUNDWATER MONITORING REPORT
2015 BIANNUAL EVENT 2 OF 2
FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BOROUGH OF BROOKLYN
CITY OF NEW YORK
BCP SITE NO. C224154

Prepared For

Kent Riverview LLC

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LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Groundwater and Environmental Engineering Services
4 Westchester Park Drive, Suite 175
White Plains, NY 10604
(914) 694-5711
www.lbgweb.com

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1.0 INTRODUCTION

The Fyn Paint & Lacquer Co., Inc. (Fyn Paint), pursuant to the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), and is recorded as BCP Site No. C224154 in association with site remedial cleanup activities. Leggette, Brashears & Graham, Inc. (LBG) was retained to implement the Groundwater Monitoring Program at the Site. The primary purpose of the Groundwater Monitoring Program is to evaluate the groundwater quality beneath the Site. The field activities related to the Groundwater Monitoring Program included groundwater level measurements in all monitoring wells, low-flow sampling, direct sampling and the completion of the Groundwater Monitoring Report. On August 6, 2015, the NYSDEC authorized the modification of the groundwater monitoring program to reduce the sampling frequency from quarterly to biannual sampling. The October 2015 Biannual Sampling Event (event 2 of 2) groundwater level measurement and groundwater sampling round was conducted by LBG on October 26, 27 and 28, 2015.

2.0 SITE LOCATION AND DESCRIPTION

Fyn Paint is located in an industrial/commercial area at the intersection of Kent Avenue and North First Street in the Borough of Brooklyn, New York City. A site map is shown on figure 1. The Fyn Paint site consists of a one story industrial/warehouse building. The facility is currently inactive, however it was previously utilized as a paint and lacquer factory. The vicinity of the property consists of industrial and commercial properties.

The footprint of the building is approximately 5,000 ft^2 (square feet) on the first floor and approximately 3,500 ft^2 on the mezzanine. The building's heating system is provided by steam heat. A small basement (approximately 15 feet by 50 feet) is located along the south-southwestern side of the building. The basement contains two 275-gallon heating oil above-ground storage tanks (ASTs), the associated heating oil tank controls, an air compressor and controls for the sprinkler system. Additionally, there is a cinder block encased vault for an AST which was historically used for storage of heating oil (currently out of use). The Site is

connected to the New York City municipal sewer system (via North First Street) in this basement area. A second basement approximately 20 feet by 15 feet is located on the southeastern corner of the building (beneath the office area) along Kent Avenue. This second basement is where the electric service enters the building and is also where the furnace is located.

Fyn Paint was a facility which produced paints and lacquers. This facility was a NYSDEC registered Chemical Bulk Facility (ID #2-000151). Historical operations were performed on the first floor and partial second floor of the building. Historically, manufacturing activities at the Site utilized three (3) steel 550-gallon underground storage tanks (USTs) (western portion of the building); four (4) steel 1,100-gallon USTs (northeast corner of the building); and one (1) steel 1,500-gallon UST (northeast corner of the building). There were also several ASTs historically used in association with the manufacturing activities at the Site. Currently, there are no in-service chemical bulk storage tanks located at the Site.

3.0 GEOLOGY AND HYDROGEOLOGY

The Site is located in the Atlantic Coastal Plain physiographic province. The geology of this province is comprised of interbedded layers of sand, clay and marl. In Long Island the marine deposits are overlain by drift. The marine deposits are Cretaceous and Quaternary. The drift deposits are derived from glacial activity that occurred during the Pleistocene. The total thickness of the marine and glacial deposits in Kings County ranges from 0 foot in northwest Brooklyn to 1,100 feet thick in northeastern Brooklyn.

The groundwater resources that underlie western Long Island are composed of a series of unconsolidated deposits of sand, gravel and clay of late Cretaceous and Pleistocene age. The principle water-bearing units that provide usable quantities of water are the Upper Glacial Aquifer, the Jameco Aquifer, the Magothy Aquifer and the Lloyd Aquifer. Except for the Upper Glacial Aquifer and Jameco Aquifer, these units are vertically separated from each other by confining clay units.

The topography of the area is generally level. The vicinity of the Site is approximately 11 to 15 ft msl (feet above mean sea level). The ground surface at the Site consists of poured concrete and asphalt pavement. The shallow sediments beneath the Site consist of medium and coarse grained brown sand with some silt and trace gravel. In general, the subsurface beneath the area consisted of interbedded layers of sand, gravel, clay and silt. The regional direction of groundwater flow beneath the property is west toward the East River. There is currently an

extensive network of monitor wells, located both onsite and adjacent to the property, incorporated into the Groundwater Monitoring Program.

4.0 REMEDIAL ACTION WORK PLAN – ADDITIONAL WORK AND INTERIM REMEDIAL MEASURES

Under the historical status of the Site (performed under the NYSDEC Voluntary Cleanup Program), in addition to the Site characterization activities, the cleanup work performed as part of the Remedial Action Work Plan (RAWP) included the following components of the Remedial Design: the installation/replacement of several monitoring wells which have been destroyed or covered over during construction and/or sidewalk repair activities (MW-6, MW-7, MW-13, MW-15 and MW-25); the installation of a new monitoring well (MW-28) located inside of the Fyn Paint building; the installation of an air-sparging well (ASW-1) located in the adjacent Con Edison (Con Ed) parking lot; the replacement of monitoring Well CE-4 located on the Con Ed property on Metropolitan Avenue; as well as the decommissioning of GP-1 and GP-2 as per the NYSDEC letter dated December 23, 2009. The RAWP pilot test and subsequent remedial system component installation activities conducted onsite during 2012 and 2013 included the installation of monitoring Wells MW-29, MW-30, MW-31, MW-33 and ASW-2 in the adjacent Con Ed parking lot as well as an additional monitoring well (MW-32) inside the Fyn Paint building. Figure 2 shows the location of the monitor wells being sampled at the Site as well as the monitoring wells mentioned above. The Interim Remedial Measures (IRM) treatment system has been decommissioned as part of the Site preparation activities prior to the installation of the new permanent remediation system at the Site.

Additionally, mechanical and chemical well redevelopment activities were performed on EW-1, EW-2, MW-21 and MW-22 from July 26, 2011 to July 29, 2011. This activity was performed to increase the effectiveness of these wells as extraction points for the proposed future remediation system as well as required additional pilot test activities.

4.1 Dual-Phase Extraction Remediation System

Following the NYSDEC approval of the Remedial Design, the 2007 IRM treatment system was decommissioned. The remedial system trailer was installed at the Site in June 2014 and commenced operation in July 2014. The equipment in the remedial system installed con-

sists of: a Dual-Phase Extraction (DPE) recovery system; an oil-water separator and Non-Aqueous Phase Liquid (NAPL) storage tank; a Sub-Slab Depressurization System (SSDS); a groundwater extraction pump; an air sparging (AS) injection system (inactive); and associated groundwater and vapor treatment equipment. The extraction and treatment system components were installed in a trailer that was constructed offsite and transferred to the Site. The treatment trailer is currently staged on the west side of the Site building within the adjacent right-of-way.

The remedial system incorporates a network of extraction wells which are currently installed within flush-mount manholes. These wells include MW-11, MW-15, MW-21, MW-22, MW-23, MW-27, MW-28, MW-29, MW-30, MW-31, MW-32, MW-33, EW-1 and EW-2. The remediation system was inactive during the October 2015 Biannual Sampling Event Monitoring Event.

5.0 GROUNDWATER MONITORING PROGRAM

5.1 Groundwater Level Measurements

During the October 2015 sampling event; fluid levels in all accessible monitor wells were measured on October 26, 2015. The levels were measured to an accuracy of ±0.01 foot using an electronic water-level meter. The depth to water/product and the top of casing elevation of each well was used to calculate the corrected groundwater elevation at each point in the well network. The depths to groundwater/product and calculated groundwater elevations for October 26, 2015 are summarized on table 1.

5.2 Low-Flow Groundwater Sampling

On October 26, 27 and 28, 2015, groundwater samples were collected from 29 of the onsite and offsite monitor wells, of which 19 samples were collected using the Low-Flow Sampling Method. Groundwater samples were not collected from Monitor Wells MW-16 and MW-31 during the October 2015 Biannual Sampling Event sampling event. In addition, the monitoring wells historically associated with the annual sampling of the former Con Ed Major Oil Storage Facility (MOSF) (as per the NYSDEC approval) were sampled during the October 2015 Biannual Sampling Event sampling event. The locations of the onsite and offsite groundwater monitor wells are identified on figure 2.

Prior to sampling, the wells were opened and the static groundwater level within each was permitted to equilibrate, after which the water levels were recorded on field sheets. The total depths were previously recorded (at the conclusion of past well development activities). Copies of the field sheets for both the groundwater level measurement and the low-flow sampling activities are included in Appendix I. After the fluid-level measurements were recorded, groundwater samples were collected from 19 onsite and offsite monitor wells using the Low-Flow Sampling Method (United States Environmental Protection Agency [USEPA] Low-Flow Groundwater Sampling Procedures, April 1996). The Low-Flow (Minimal Drawdown) Groundwater Sampling Procedures are included in Appendix II. The groundwater was evacuated from the wells using a low-flow peristaltic pump fitted with dedicated polyethylene tubing. The tubing intake was set at approximately three feet above the bottom of each well. For each well, groundwater was purged for approximately 5 minutes prior to measuring any parameters, in order to minimize turbidity.

When conditions allowed, onsite field parameters were continually monitored by a Horiba U-22XD multi-parameter water-quality monitoring system. Measurements for pH, conductivity, turbidity, dissolved oxygen (DO), temperature and oxygen reduction potential (ORP) were obtained simultaneously as the groundwater was pumped through a flow-through cell at a rate of 100-500 ml/min (milliliters per minute). All field parameters were recorded at three-minute intervals until all parameters reached stabilization for three consecutive intervals. Stabilization requirements are recorded on individual low-flow sampling logs for each monitor well and are included in Appendix I. Upon reaching stabilization of all parameters, the effluent end of the polyethylene tubing running from the pump was disconnected from the flow-through cell and the groundwater samples were collected in laboratory-prepared sample containers. After sampling each well, the dedicated polyethylene tubing was disposed of and the flow-through cell was decontaminated with Alconox and water.

All of the samples were stored on ice in a cooler to maintain a constant temperature until delivery to the laboratory under chain-of-custody procedures. The groundwater samples were then delivered to AMRO Environmental Laboratories Corporation (AMRO) of Merrimack, New Hampshire for analysis of volatile organic compounds (VOCs) by EPA Method 8260 under chain-of-custody procedures.

5.3 Direct Groundwater Sampling

Remedial system maintenance activities were performed on October 27 and 28, 2015 concurrent to the low-flow sampling activities. On October 27 and 28, 2015, 10 of the 29 groundwater samples were collected from groundwater monitor wells which are incorporated in the DPE network. These wells from which direct grab groundwater samples were collected include: MW-15, MW-21, MW-22, MW-23, MW-29, MW-30, MW-32, MW-33, EW-1 and EW-2.

Prior to sample collection, the DPE extraction system was used to purge each well. Each well was evacuated dry, and subsequently groundwater was evacuated from these wells for approximately 30 minutes or more to ensure the recovered groundwater was representative of the surrounding formation.

After purging activities, the vacuum extraction drop tubing was removed from within each extraction well and groundwater levels within each well were allowed to recover. Groundwater samples were then obtained utilizing a dedicated disposable polyethylene bailer and the samples were then collected in laboratory-prepared sample containers. Additionally, measurements for pH, conductivity, turbidity, DO, temperature and ORP were taken for the each grab sample at the time of sample collection and recorded on a groundwater monitoring field sheet. After sampling was completed, the DPE drop tubing was replaced within the well.

All of the samples were stored on ice in a cooler to maintain a constant temperature until delivery. The groundwater samples were then delivered to AMRO for analysis of VOCs by EPA Method 8260 under chain-of-custody procedures.

5.4 Manual NAPL Recovery from Offsite Wells

On October 28, 2015, there was a film observed on the groundwater surface within MW-13. This well, in addition to adjacent well MW-25, have historically contained significant thicknesses of NAPL. Upon restarting the remedial system on October 28, 2015, manual bailing was performed in offsite Monitor Wells MW-13 and MW-25, as is standard practice while performing the monthly remedial system monitoring activities. As a result of the bailing activities, approximately 2 gallons of mixed NAPL and groundwater (primarily groundwater) was recovered. All groundwater was separated from the NAPL and processed using the remedial system. The remaining NAPL was transferred into a steel DOT approved drum in the Fyn Paint building for temporary storage pending offsite disposal.

6.0 QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PLAN

QA/QC procedures were utilized throughout the project to ensure reliable data. AMRO, a National Environmental Laboratory Accreditation Conference (NELAC) certified laboratory (Certificate No. 11278) performed all analyses.

Based on past sampling completed on the Site, the groundwater samples were analyzed for VOCs by EPA Method 8260. Sampling methods, sample preservation requirements, sample handling times and decontamination procedures for field equipment were conducted in accordance with NYSDEC and USEPA standard operating procedures and industry standards. In addition to the collected groundwater samples, laboratory analysis was performed on a laboratory method blank. The table below summarizes the sampling standards.

SUMMARY OF SAMPLE HANDLING AND PRESERVATION

Sample Collection Area	Media	Analytical Method	Holding Time	Preservation
Monitoring Wells (previously installed and newly installed)	Groundwater	EPA Method 8260	< 2 Weeks	HCl ICE

7.0 DATA EVALUATION

7.1 Onsite Hydrogeology

The topography of the Site area is level in the developed sections with a moderate gradient to the west in the surrounding area (streets, undeveloped parcels...). Water-level measurements were collected from the monitoring wells on October 26, 2015 and are presented on table 1. The corrected groundwater elevations were calculated based on the respective measurements and were used to construct a groundwater elevation contour map to determine the direction of groundwater flow and the hydraulic gradient beneath the Site.

The corrected groundwater elevations were used to construct a groundwater elevation contour map and to determine the direction of groundwater flow. This October 26, 2015 groundwater elevation contour map is shown on figure 3. Several monitoring wells were not used in generating contours for the groundwater elevation contour map due to irregular groundwater elevation values observed (MW-4, MW-5, MW-7, MW-8, MW-9A, MW-24, MW-27 and MW-29). The contours generated using onsite and offsite monitoring wells show a general groundwater flow direction to the west toward the East River at an average hydraulic

gradient of approximately 0.0073 foot per foot (ft/ft) to 0.0085 ft/ft, with the gradient increasing at closer proximity to the Site.

There is significant variability in the observed groundwater elevations within the northeast portion of the Con Ed parking lot (to the north of the Site). This may be attributed to perched water within the material surrounding the closed in-place UST. However in this area there appears to be a localized area of groundwater mounding (most evident within MW-23) which is impacting the hydraulic gradient beneath both the Site and surrounding properties. In this area specifically, the groundwater mounding is projecting radially with a hydraulic gradient of approximately 0.2 ft/ft, which is more than an order of magnitude greater than the average gradient surrounding the Site. Of note, historical assessments did not identify any water source to which this mounding could be attributed, and to date, factors inducing this significant variability have not been identified/isolated.

It should be noted that during the duration of the groundwater sampling event the New York City Department of Environmental Protection (NYCDEP) discharge permit was in the process of being renewed. Therefore, the groundwater pump and treat system was inactive during the sampling event (and for the 2 months prior to the sampling event). On October 26, 2015 the NYCDEP discharge permit was issued. Remedial system maintenance activities were performed on October 27 and 28, 2015, following which the remedial system was re-started.

7.2 Groundwater Quality

Groundwater samples were collected from the groundwater monitor wells located throughout the Site with the exception of MW-16, MW-31 and the air sparge wells. The groundwater quality results for the monitor wells sampled are summarized on table 2.

VOCs, which are the primary contaminants of concern at the Site, were detected above groundwater quality standards per 6NYCRR Part 703.5 and the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1) Groundwater Quality Standards (GWQS) in 20 of the 29 groundwater samples collected. The primary contaminant compounds; acetone, toluene, ethylbenzene and xylenes (total), were detected at the highest concentrations of all VOCs present at the Site. Additional VOCs that were detected in the collected groundwater samples at concentrations exceeding TOGS GWQS include: naphthalene, 1,1-Dichloroethane (MW-7), isopropylbenzene (MW-33) and 1,2,4-Trimethylbenzene (MW-23). The dissolved phase concentrations of acetone, toluene, ethylbenzene and xylenes

(total) and their distribution throughout the Site for the October 2015 Biannual Sampling Event are illustrated in figure 4.

The acetone concentrations detected with the collected groundwater samples ranged from non-detect (all sample locations except for MW-23 and MW-29). The concentration of acetone in the groundwater sample from MW-29 of 35,000 ug/l (micrograms per liter) represents a decrease when compared to the July 2015 Biannual Sampling Event (75,000 ug/l). The concentration of acetone detected in the groundwater sample from MW-23 (13 ug/l) represent a slight increase when compared to the concentration from the July 2015 Biannual Sampling Event (non-detect).

The toluene concentrations in the groundwater samples collected ranged from non-detect (several sample locations) to 370,000 ug/l (MW-13) during the October 2015 Biannual Sampling Event. This toluene concentration observed in MW-9A (200,000 ug/l) represents a decrease relative to the concentration from the July 2015 Biannual Sampling Event (240,000 ug/l), which also represented the highest toluene concentration detected in the July event.

The ethylbenzene concentrations in the groundwater samples collected ranged from non-detect (several sample locations) to 18,000 ug/l (MW-29) during the October 2015 Biannual Sampling Event. The ethylbenzene detection in MW-29 represents a decrease relative to the concentration from the July 2015 Biannual Sampling Event (21,000 ug/l), which also represented the highest toluene concentration detected in the July event.

The total xylenes concentrations in the collected groundwater samples ranged from non-detect (several sample locations) to 108,000 ug/l (MW-30) during the October 2015 Biannual Sampling Event. The total xylene detection within MW-30 represents a decrease relative to the concentration from the July 2015 Biannual Sampling Event (129,000 ug/l), which also represented the highest toluene concentration detected in the July event.

Aside from low-level increases (MW-4, MW-6, MW-7), the only significant VOC concentration increases were detected in MW-15 (toluene, ethylbenzene and total xylenes), MW-32 (ethylbenzene and total xylenes) and EW-1 (ethylbenzene and total xylenes). The groundwater quality at MW-15 represents the greatest increase in concentrations of toluene (240,000 ug/l), ethylbenzene (7,100 ug/l) and total xylenes (46,000 ug/l) when compared to the July 2015 Biannual Sampling Event, during which concentrations consisted of toluene (160,000 ug/l), ethylbenzene (3,400 ug/l) and total xylenes (18,000 ug/l).

A summary of the VOC concentrations detected in the groundwater are shown on table 2. Copies of the full laboratory reports for the groundwater quality are included in Appendix III. Additionally, groundwater quality graphs presenting/illustrating historical changes in VOC concentrations for select onsite and offsite groundwater monitor wells are included in Appendix IV.

The elevated VOC concentrations observed beneath both the Site and the Con Ed parking lot (north and immediately adjacent of the Fyn Paint building) are indicative of a contaminant source remaining at the Site.

In general, the dissolved phase VOC concentrations detected in groundwater samples observed during the October 2015 Biannual Sampling Event have decreased when compared to the July 2015 Biannual Sampling Event. The most pronounced reduction in VOC concentrations detected from the October 2015 Biannual Sampling Event were for acetone concentrations which exceed GWQS in only two wells (MW-29), compared to the July 2015 Biannual Sampling Event for which acetone exceeded GWQS in seven wells. It should be noted that two wells with acetone exceeding GWQS (MW-16 and MW-31) were not sampled in October. As expected (and explained above), the highest concentrations of acetone, ethylbenzene and total xylenes were observed adjacent to the presumed source area (northeast corner of the Fyn Paint building). However, the highest concentration of toluene was observed offsite (to the south-southeast of the Site) in MW-13 and MW-25. Of note, no subsurface investigation activities have been performed to the east of MW-13/MW-25, to assess the groundwater quality upgradient of the Site.

The remediation system was inactive for approximately 2 months prior to (and during) the October 2015 Biannual Sampling Event.

8.0 CONCLUSIONS

1. Several VOCs were detected in the groundwater above groundwater quality standards. The primary VOCs detected above standards are acetone, toluene, ethylbenzene and xylenes (total). The highest concentrations of acetone, toluene, ethylbenzene and xylenes (total) were detected in Monitor Wells MW-29, MW-13, MW-29 and MW-30, respectively.

2. The dissolved-phase VOC concentrations represent an overall decrease relative to the concentrations observed in the July 2015 Biannual Sampling Event and earlier.

3. The remedial treatment system at the Site was not operational for approximately two months prior to (and during) the October 2015 Biannual Sampling Event. Following receipt of the renewed NYCDEP discharge permit, the remedial system resumed operation on October 28, 2015.

4. Anomalously high groundwater elevations (relative to surrounding background elevations) were observed and recorded beneath the north-northeastern corner of the Con Ed parking lot.

5. De minimis NAPL was observed within two offsite groundwater monitoring wells (MW-13 and MW-25) south of the Site. This represents continued NAPL reduction when compared to past monitoring rounds. NAPL was detected in thicknesses greater than 3 feet in both MW-13 and MW-25 (September 2014). In July 2015 no NAPL was detected in MW-25 and only 0.21 foot was detected in MW-13.

LEGGETTE, BRASHEARS & GRAHAM, INC.



Michael K. De Felice
Senior Hydrogeologist

Reviewed By:



Sean Groszkowski, CPG
Associate Vice President

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TABLES

TABLE 1

FYN PAINT & LACQUER COMPANY, INC.
230 KENT AVENUE
WILLIAMSBURG, BROOKLYN, NEW YORK

Water-Level Measurements
October 26, 2015

Well ID	Total Depth (feet)	Screen		TOC [2] Elevation (ft msl) [3]	Depth to Product (ft btoc) [4]	Product Thickness (feet)	Depth to Water (ft btoc)	Active DPE Well	Corrected Ground Water Elevation (ft msl)
		Diameter (inch)	Setting (ft bg)[1]						
MW-1	22.35	4.00	5.00 to 23.00*	9.91	------	------	8.79	----	1.12
MW-2	18.92	4.00	5.00 to 20.00*	9.99	------	------	8.58	----	1.41
MW-4	26.60	4.00	10.00 to 30.00*	14.78	------	------	11.95	----	2.83
MW-5	18.85	4.00	10.00 to 20.00	12.60	------	------	9.55	----	3.05
MW-6	23.80	2.00	10.00 to 30.00	22.20	------	------	19.13	----	3.07
MW-7	28.19	2.00	10.00 to 30.00	20.42	------	------	15.00	----	5.42
MW-8	23.75	4.00	15.00 to 25.00	17.03	------	------	14.14	----	2.89
MW-9A	28.00	4.00	11.00 to 31.00	18.65	------	------	15.78	----	2.87
MW-10	28.40	4.00	9.00 to 29.00	13.44	------	------	10.55	----	2.89
MW-11	21.41	4.00	9.00 to 29.00	16.08	------	------	11.96	----	4.12
MW-12	23.10	4.00	9.00 to 24.00	14.29	------	------	11.09	----	3.20
MW-13	29.40	2.00	10.00 to 30.00	22.05	------	------	19.06	----	2.99
MW-14	27.07	4.00	8.00 to 28.00	15.37	------	------	11.95	----	3.42
MW-15	20.50	4.00	10.00 to 30.00	20.08	------	------	16.92	Yes	3.16
MW-16	32.68	2.00	------	20.08	------	------	NM	----	NM
MW-20	13.33	2.00	5.00 to 15.00	12.99	------	------	10.16	----	2.83
MW-21	23.03	2.00	12.00 to 22.00	20.22	------	------	16.43	Yes	3.79
MW-22	18.30	2.00	9.00 to 19.00	20.54	------	------	15.52	Yes	5.02
MW-23	17.50	2.00	7.00 to 17.00	20.35	------	------	10.35	Yes	10.00
MW-24	23.40	2.00	13.50 to 23.50	20.53	------	------	17.61	----	2.92
MW-25	28.00	4.00	10.00 to 30.00	20.66	------	------	17.61	----	3.05
MW-26	19.90	2.00	10.00 to 20.00	17.55	------	------	13.38	----	4.17
MW-27	65.17	2.00	55.00 to 65.00	20.41	------	------	17.10	----	3.31
MW-28	32.05	4.00	18.00 to 38.00	20.65	------	------	17.50	----	3.15
MW-29	30.30	4.00	5.00 to 30.00	20.03	------	------	15.94	Yes	4.09
MW-30	29.79	4.00	5.00 to 30.00	19.87	------	------	15.52	Yes	4.35
MW-31	29.45	2.00	5.00 to 25.00	19.79	------	------	15.83	Yes	3.96
MW-32	28.90	2.00	5.00 to 30.00	18.95	------	------	14.54	Yes	4.41
MW-33	30.10	4.00	6.00 to 31.00	19.96	------	------	14.85	Yes	5.11
EW-1	33.00	4.00	12.00 to 32.00	20.23	------	------	16.26	Yes	3.97
EW-2	24.70	4.00	5.00 to 25.00	15.11	------	------	11.07	Yes	4.04
ASW-1	39.53	1.00	40.00 to 42.00	20.54	------	------	NM	----	NM
ASW-2	45.00	1.00	43.00 to 45.00	19.51	------	------	NM	----	NM
CE-4	19.15	2.00	5.00 to 20.00	10.05	------	------	NM	----	NM

1) - Feet below grade
2) - Top of Casing
3) - Feet above mean sea level
4) - Feet below top of casing
NM - Not Measured

Notes: TOC elevations acquired by survey from Bunney Associates
Monitor Wells MW-1 to MW-4 were installed by Miller Environmental Group, Inc.
Corrected groundwater elevations derived using an assumed product density of 0.87
TOCs for MW-29, MW-30, MW-31, MW-32, MW-33, ASW-2 and MW-11 extrapolated from Bunney Associates survey da

TABLE 2

FYN PAINT & LACQUER COMPANY, INC.
230 KENT AVENUE
WILLIAMSBURG, BROOKLYN, NEW YORK

Groundwater Quality Summary - EPA Method 8260 Modified to Include MTBE[1]
Collected October 26, 27 & 28, 2015

Well Identification	Concentration (ug/l) [2]																																
	Acetone	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Naphthalene	2-Butanone	Carbon Tetrachloride	Chloroform	Chlorobenzene	cis-1,2-Dichloroethene	trans-1, 2-Dichloroethene	1,2 Dichloroethane	1,1-Dichloroethene	1,1-Dichloroethane	1,2-Dichloropropane	1,2-Dichlorobenzene	Diethyl Ether	Isopropylbenzene	n-propylbenzene	4-Methyl-2-Pentanone	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Tetrachloroethene	Trichloroethene	1,1,1-Trichloroethane	Trichlorofluoromethane	Methyl tert-butyl ether	Methylene Chloride	Vinyl Chloride	Bromoform	Tetrahydrofuran	Carbon Disulfide
MW-1	ND[3]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4	ND	ND	ND	ND	6.2	ND	ND	ND	ND	4.9	ND	3.1	ND	3.5	4.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	3.4	ND	ND	ND	4.4
MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND	ND	6.1	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	3.5	2.6	ND	ND	ND	ND	ND	ND
MW-6	ND	ND	15	4.2	35.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-7	ND	ND	8.4	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-9A	ND	ND	200,000	7,600	45,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.4	ND	ND	ND	ND	ND	ND	ND	ND
MW-11	ND	ND	ND	22	83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-12	ND	ND	1,200	4,300	20,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	ND	ND	370,000	6,800	34,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND
MW-15 (Direct Grab)	ND	ND	240,000	7,100	46,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Not Sampled																																
MW-20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-21 (Direct Grab)	ND	ND	9,400	1,500	6,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-22 (Direct Grab)	ND	ND	17,000	1,300	36,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-23 (Direct Grab)	13	ND	ND	4	52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	ND	ND	19	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-25	ND	ND	300,000	4,500	22,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND	ND	ND	ND	ND	ND
MW-27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-28	ND	ND	16,000	1,200	3,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-29 (Direct Grab)	35,000	ND	150,000	18,000	105,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-30 (Direct Grab)	ND	ND	40,000	17,000	108,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-31	Not Sampled																																
MW-32 (Direct Grab)	ND	ND	7,500	1,700	13,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-33 (Direct Grab)	ND	ND	ND	75	84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EW-1 (Direct Grab)	ND	ND	11,000	4,300	20,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EW-2 (Direct Grab)	ND	ND	18,000	9,900	55,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-4	Not Sampled - Well Not Located (Potentially Destroyed)																																
ASW-1	Not Sampled - Air Sparge Well																																
ASW-2	Not Sampled - Air Sparge Well																																
NYSDEC [4] TOGS GWQS [5]	**50**	**1**	**5**	**5**	**5**	**10**	**50**	**5**	**7**	**5**	**5**	**5**	**0.6**	**5**	**5**	**1**	**3**	**NA**	**5**	**5**	**NA**	**0.04**	**5**	**5**	**5**	**5**	**5**	**5**	**10**	**5**	**2**	**50**	**50**	**NA**

1) Methyl tert-butyl ether
2) Micrograms per liter
3) Not detected above lab recordable limit
4) New York State Department of Environmental Conservation
5) Technical & Operational Guidance Series Ground Water Quality Standards

Note : Samples analyzed by EPA Method 8260

FIGURES

KENT AVENUE

NORTH FIRST STREET

GRAND STREET

CON EDISON

PARKING LOT

FYN PAINT
& LACQUER CO.

LOADING DOCK

GRASS

RIVER STREET

NORTH THIRD STREET

METROPOLITAN AVENUE

NORTH FIRST STREET

NYSPA
POWER GENERATING
FACILITY

FORMER
4,880,000–GALLON
MOSF TANK
REMOVED

FORMER
6,000,000–GALLON
MOSF TANK
REMOVED

FORMER
6,000,000–GALLON
MOSF TANK
REMOVED

FORMER
6,000,000–GALLON
MOSF TANK
REMOVED

FORMER
2,325,000–GALLON
MOSF TANK
REMOVED

FORMER
6,000,000–GALLON
MOSF TANK
REMOVED

NOTE: GP–1 and GP–2 were decommissioned and CE–4 was replaced with a 2–inch diameter stainless steel monitoring well.

N

LEGEND

- 10,000–GALLON UST
- CATCH BASIN
- LAMP POST
- CHAIN LINK FENCE
- HYDRANT
- MANHOLE
- SUBSURFACE 12" DIA. HIGH PRESSURE GAS MAIN
- SUBSURFACE HIGH VOLTAGE TRANSMISSION LINE

0 60
SCALE IN FEET

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

SITE MAP

DATE	REVISED

PREPARED BY: LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
4 Westchester Park Drive
Suite 175
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	BH	DATE:	01/30/14	FIGURE:	1

KENT AVENUE

NORTH FIRST STREET

GRAND STREET

RIVER STREET

NORTH THIRD STREET

METROPOLITAN AVENUE

MW-7
MW-6
MW-13
MW-15
MW-24
MW-25
MW-21
PARKING LOT
EW-1
MW-23
SG-9
MW-31
ASW-1
MW-22
MW-16
CON EDISON
MW-30
FYN PAINT
& LACQUER CO.
MW-29
SG-10
MW-32
ASW-2
MW-23
MW-27
MW-33
LOADING DOCK
SG-2
EW-2
MW-11
GRASS
MW-9A
MW-26
MW-8
MW-5
MW-20
MW-12
MW-4
MW-14
MW-10
MW-3
MW-1
MW-2
CE-4
Abandoned

FORMER
4,880,000-GALLON
MOSF TANK
REMOVED

FORMER
6,000,000-GALLON
MOSF TANK
REMOVED

FORMER
6,000,000-GALLON
MOSF TANK
REMOVED

FORMER
6,000,000-GALLON
MOSF TANK
REMOVED

FORMER
2,325,000-GALLON
MOSF TANK
REMOVED

NYSPA
POWER GENERATING
FACILITY

N

LEGEND

- 4-INCH DIAMETER MONITOR WELL (PVC)
- 2-INCH DIAMETER MONITOR WELL (PVC)
- 2-INCH DIAMETER MONITOR WELL (STAINLESS STEEL)
- 1-INCH SOIL GAS POINT (PVC)
- 4-INCH DIAMETER EXTRACTION WELL (STAINLESS STEEL)
- 2-INCH DIAMETER EXTRACTION WELL (STAINLESS STEEL)
  Note - ASW-1 is a 1-inch Diameter Air Sparge Well
- 1-INCH DIAMETER AIR SPARGE WELL (STAINLESS STEEL)
- 10,000-GALLON UST
- CATCH BASIN
- LAMP POST
- CHAIN LINK FENCE
- HYDRANT
- MANHOLE
- SUBSURFACE 12" DIA. HIGH PRESSURE GAS MAIN
- SUBSURFACE HIGH VOLTAGE TRANSMISSION LINE

0 60
SCALE IN FEET

NOTE: GP-1 and GP-2 were decommissioned and CE-4 was replaced with a 2-inch diameter stainless steel monitoring well.

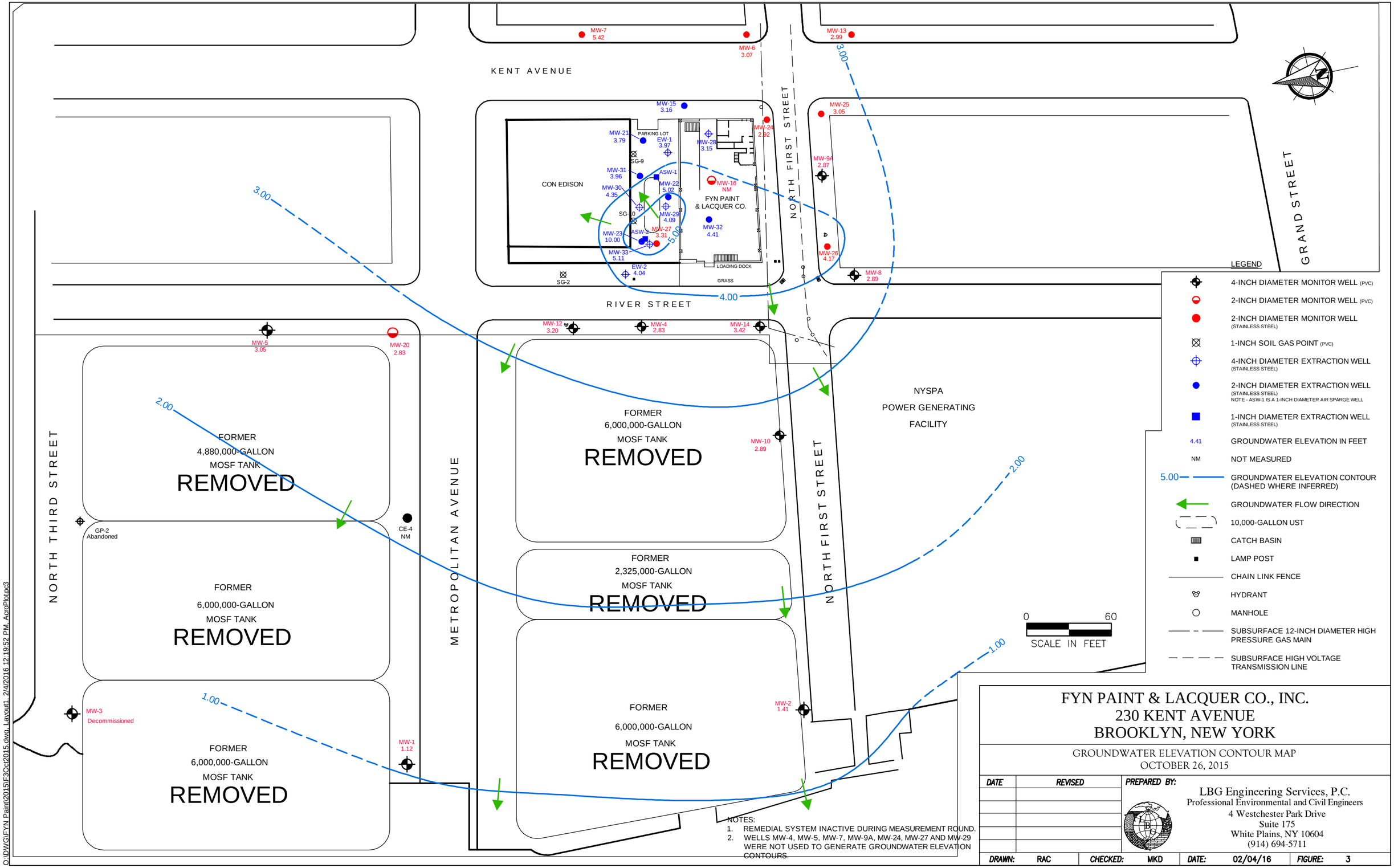
FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

MONITOR WELL LOCATION MAP

DATE	REVISED

PREPARED BY: LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
4 Westchester Park Drive
Suite 175
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	BH	DATE:	01/30/14	FIGURE:	2



NOTES:
1. REMEDIAL SYSTEM INACTIVE DURING MEASUREMENT ROUND.
2. WELLS MW-4, MW-5, MW-7, MW-9A, MW-24, MW-27 AND MW-29 WERE NOT USED TO GENERATE GROUNDWATER ELEVATION CONTOURS.

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP
OCTOBER 26, 2015

DATE	REVISED

PREPARED BY:

LBG Engineering Services, P.C.
Professional Environmental and Civil Engineers
4 Westchester Park Drive
Suite 175
White Plains, NY 10604
(914) 694-5711

DRAWN:	RAC	CHECKED:	MKD	DATE:	02/04/16	FIGURE:	3

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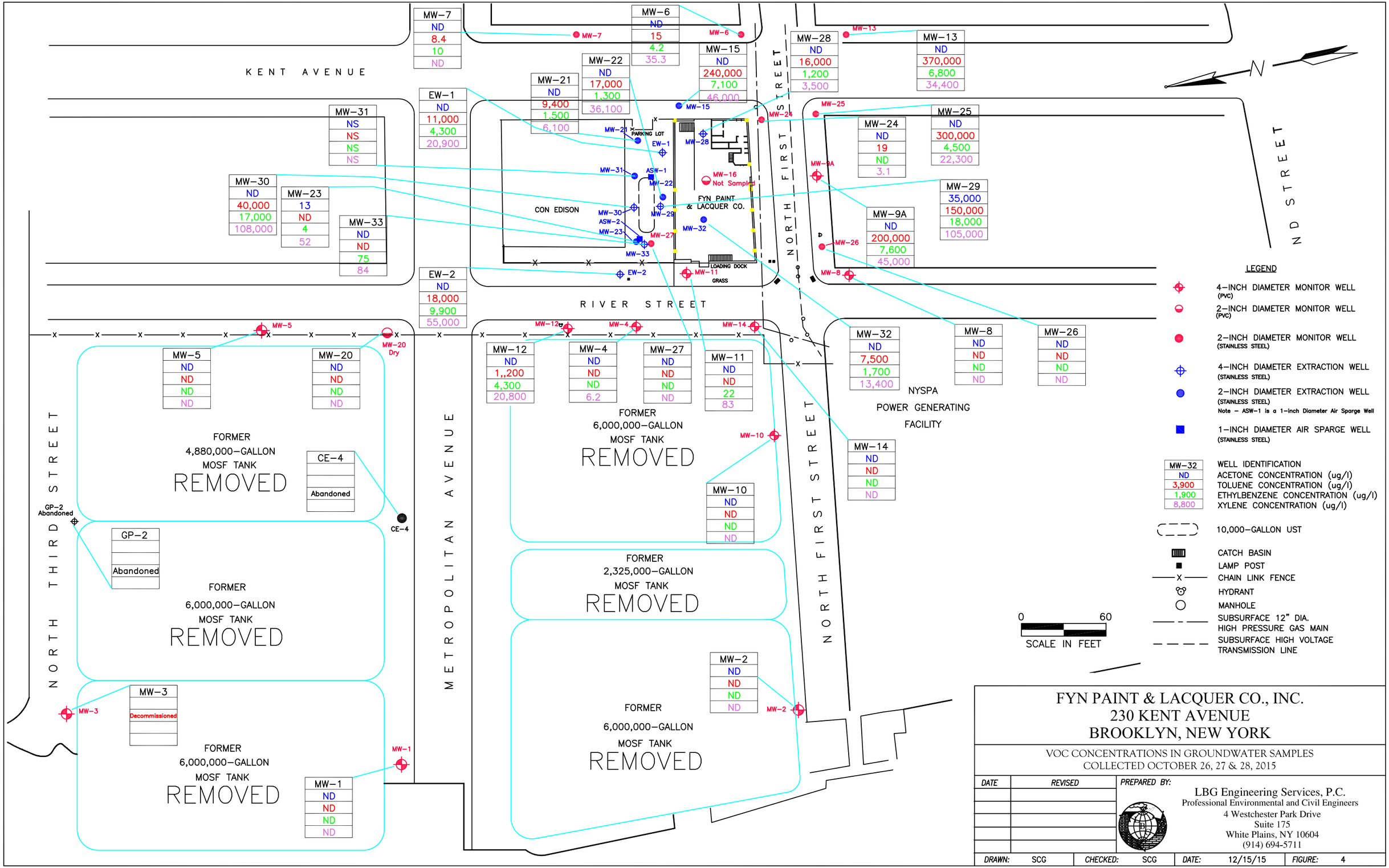

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

VOC CONCENTRATIONS IN GROUNDWATER SAMPLES
COLLECTED OCTOBER 26, 27 & 28, 2015

DATE	REVISED

PREPARED BY:
LBG Engineering Services, P.C.
Professional Environmental and Civil Engineers
4 Westchester Park Drive
Suite 175
White Plains, NY 10604
(914) 694-5711

DRAWN:	SCG	CHECKED:	SCG	DATE:	12/15/15	FIGURE:	4

APPENDIX I

Low-Flow Sampling Logs

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive, Suite 112
White Plains, New York 10604
(914) 694-5711
Fax: (914) 694-5744

Client:

Location: FYN PAINT
230 KENT AVE.
BROOKLYN, NY

Date: 10/26/15

Professional: BH/MD

Weather/Comments: CLEAR, WARM

Well	Hour	D.T.H.C	D.T.W.	Thick.	T.D. (ft.btoc)	~~Gab Evac.~~ Actual TOMP.	pH	Cond. (MS/cm)	D.O. (mg/l)	Temp (C)	ORP (mV)	Time Sampled	
MW-1	0735		8.79									1040	
MW-5	0741		9.55									1140	
MW-20	0743		10.16									1245	
MW-12	0745		11.09										
MW-4	0746		11.95										
EW-2	0748		11.07				5.72	1.12	4.17	16.39	-64	1200	10/28
MW-14	0750		11.95										
MW-2	0753		8.58										
MW-10	0756		10.55										
MW-8	0758		14.14										
MW-26	0759		13.38										
MW-9A	0801		15.78										
MW-6	0803		19.13										
MW-7	0804		15.03										
MW-23	0808		10.35			0.0	5.80	1.99	1.41	16.42	-119	1035	10/27
MW-33	0812		14.85			1.17	5.54	2.27	3.51	15.10	-104	1230	10/28
MW-27	0818		17.10										
MW-29	0820		15.94			27.8	7.14	1.60	2.76	16.13	-71	1400	10/27
MW-22	0823		15.52			1.11	5.94	3.83	3.22	16.38	-135	1340	

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive, Suite 112
White Plains, New York 10604
(914) 694-5711
Fax: (914) 694-5744

Client:

Location: FYN PAINT
230 KENT AVE.
BK, NY

Date: 10/26/15

Professional: BH/MD

Weather/Comments: CLEAR 50

Well	Hour	D.T.H.C	D.T.W.	Thick.	T.D. (ft btoc)	~~Gal. Purge~~ TURB	pH	Cond. (mS/cm)	D.O. (mg/l)	Temp (C)	ORP (mV)	Time Sampled	
MW-30	0826		15.52			22.9	5.88	3.34	3.15	16.80	-105	1040	10/27
MW-31	0831		15.83									1100	
MW-21	0838		16.43			50.3	5.74	1.27	2.41	17.55	-113	1115	
EW-1	0840		16.26			7.9	6.24	2.07	2.43	16.18	-148	1415	10/27
MW-25	0844		17.61										
MW-13	0846		19.06	(FILM)									
MW-24	0850		17.61										
MW-32	0855		14.54			89.0	5.71	1.52	2.84	14.96	-124	1220	10/28
MW-28	0858		17.56									[illegible]	
MW-11	1320		12.40									1330	10/27
MW-15	1325		16.92			71.1	5.97	5.50	2.17	18.60	-50	1130	10/28

Leggette, Brashears & Graham, Inc.

PAGE: _____ OF _____

SAMPLE DATE: 10/26/15

Low-Flow Sampling Log

TOTAL # WELLS: _____

Client Name: FINPAR
Project Location: W-TVAC, TENN
Sampler(s): MD/BH

Sample Pump: PERI
Tubing Type: TYGON/PACK
Monitoring Equipment: HORIBA U-52

Well I.D. MW-1
Well Diameter (inches): 4
Total Depth (ft btoc): _____
Depth to Water (ft btoc): 8.52

Screen Setting (ft btoc): _____ to _____
Tubing Intake (ft btoc): 10.00
Comments: _____

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1010	8.92	150	7.34	6.40	0.0	5.92	22.48	-75
2	1013	8.88	150	7.46	6.37	0.0	0.00	22.42	-90
3	1016	9.07	150	7.47	6.38	0.0	0.00	22.43	-94
4	1019	9.18	150	7.48	6.37	0.0	0.00	22.45	-97
5	1022	9.45	150	7.49	6.37	0.0	0.0	22.45	-100
6	1025	9.53	150	7.49	6.37	0.0	0.0	22.51	-103
7	1028	9.53	150	7.49	6.34	0.0	0.0	22.75	-104
8	1031	9.75	150	7.49	6.33	0.0	0.0	22.82	-106
9	1034	9.84	150	7.49	6.32	0.0	0.0	22.90	-106
10	1037		150	7.49	6.31	0.0		22.86	-108

Stabilazation of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
6	7		-	0		0	0		#1
7	8		-	0		0	0	+.3	+2
8	9		-	0		0	0	+.1	0
9	10		-	0		0	0	+.3	-2
Recommended Stabilization		-0.3	(100 - 500)	0.1	3%	10%	10%	3%	10
Stabilization: (Yes/No)				Y		Y	Y	Y	

Sample Time: 0940

Reviewed By: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
uS/cm	microseimons per centimeter				

Leggette, Brashears & Graham, Inc.

PAGE: _____ OF _____

SAMPLE DATE: 10/26/15

Low-Flow Sampling Log

TOTAL # WELLS: _____

Client Name: _____

Project Location: FYN PAINT

Sampler(s): DH/MD

Sample Pump: Peristaltic

Tubing Type: poly/tygon

Monitoring Equipment: Horiba

Well I.D. MW-3

Well Diameter (inches): 4"

Total Depth (ft btoc): _____

Depth to Water (ft btoc): _____

Screen Setting (ft btoc): _____ to _____

Tubing Intake (ft btoc): _____

Comments: _____

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1019	8.50	300	6.14	0.646	78.4	1.97	16.76	-91
2	1022	8.55		6.13	0.642	52.5	1.69	16.80	-97
3	1025	8.60		6.14	0.637	37.4	1.54	16.86	-96
4	1028	8.65		6.14	0.633	27.2	1.41	16.91	-91
5	1031	8.70		6.15	0.630	22.2	1.35	16.94	-87
6	1034	8.72	↓	6.15	0.628	19.9	1.30	16.92	-83
7									
8									
9									
10									

Stabilization of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
Recommended Stabilization Criteria		± 0.5	(100 - 500)	0it	3%	10%	10%	3%	10
Stabilization Criteria Achieved									

Sample Time: 1037

Reviewed By: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
uS/cm	microseimons per centimeter				

Leggette, Brashears & Graham, Inc.

PAGE: 4 OF ____

SAMPLE DATE: 10/26/15

Low-Flow Sampling Log

TOTAL # WELLS: ____

Client Name: ____ Sample Pump: Peristaltic

Project Location: FYW Paint Tubing Type: poly/tygon

Sampler(s): DH/MD Monitoring Equipment: Horiba

Well I.D.: MW-4 Screen Setting (ft btoc): ____ to ____

Well Diameter (inches): 4 Tubing Intake (ft btoc): ____

Total Depth (ft btoc): ____ Comments: ____

Depth to Water (ft btoc): ____

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1252	12.14	250	6.04	1.76	16.4	2.34	20.10	-74
2	1255	12.17		6.14	1.75	14.4	1.66	19.74	-77
3	1258	12.20		6.17	1.75	10.6	1.29	19.33	-80
4	1301	12.20		6.17	1.75	11.0	0.95	19.25	-82
5	1304	12.22		6.16	1.74	11.5	0.90	19.32	-84
6	1307	12.22		6.16	1.74	11.0	0.79	19.44	-86
7	1310	12.24		6.17	1.76	11.0	0.80	19.40	-86
8	1313	12.24		6.17	1.75	11.2	0.76	19.42	-88
9	1316	12.24	↓	6.16	1.75	11.0	0.77	19.46	-90
10									

Stabilization of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
Recommended Stabilization		≤ 0.3	(100 - 500)	QL*	3%	10%	10%	3%	10
Stabilization Achieved? (Y/N)									

Sample Time: 1320 Reviewed By: ____

ft btoc feet below top of casing NTU Nephelometric Turbidity Units °C degrees Celcius

ml/min millimeters per minute mg/l milligrams per liter mv millivolts

uS/cm microseimons per centimeter

Leggette, Brashears & Graham, Inc.

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SAMPLE DATE: 10/26/15

Low-Flow Sampling Log

TOTAL # WELLS: _____

Client Name: FTW PT

Project Location: FTW WP, BK

Sampler(s): MO/BH

Sample Pump: Peri

Tubing Type: T-16/Pol

Monitoring Equipment: 17U134

Well I.D. MW-5

Well Diameter (inches): 4"

Total Depth (ft btoc): _____

Depth to Water (ft btoc): 9.52

Screen Setting (ft btoc): _____ to _____

Tubing Intake (ft btoc): 11.5

Comments: _____

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1120	9.62	175	7.20	7.38	0.0	0.0	23.97	39
2	1123	9.62	175	7.16	7.39	0.0	0.0	23.95	44
3	1126	9.62	175	7.12	7.41	0	0	23.94	51
4	1129	9.62	175	7.11	7.42	0	0	23.98	59
5									
6									
7									
8									
9									
10									

Stabilazation of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
					±0.14				
					± .27				
					± .14				
Recommended Stabilization		-0.3	(100 - 500)	0.1	3%	10%	10%	3%	10
Stabilization (Yes/No)									

Sample Time: 1140

Reviewed By: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
uS/cm	microseimons per centimeter				

Leggette, Brashears & Graham, Inc.

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SAMPLE DATE: 10/27/15

Low-Flow Sampling Log

TOTAL # WELLS:

Client Name:	Fyn Paint	Sample Pump:	Peristaltic
Project Location:	230 Kent Ave, Brooklyn, NY	Tubing Type:	Polyethylene/Tygon
Sampler(s):	Mike Reiff	Monitoring Equipment:	Horiba
Well I.D.	MW-6	Screen Setting (ft btoc):	-- to --
Well Diameter (inches):	2 Inches	Tubing Intake (ft btoc):	21
Total Depth (ft btoc):		Comments:	Purged well for approx. 5 minutes
Depth to Water (ft btoc):	19.13		before recording parameters

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	0952	19.21	100	7.45	1.43	0	5.00 ↓	19.76	26
2	0955	19.21	100	7.37	1.42	[illegible]	0	20.16	19
3	0958	19.21	100	7.37	1.42	0	0	20.26	14
4	1001	19.21	100	7.36	1.42	0	0	20.35	13
5	1004	19.21	100	7.35	1.40	0	0	20.72	12
6	~~1007~~								
7	1007	19.21	100	7.35	1.40	0	0	20.72	11
8									
9									
10									

Stabilazation of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Change in Head (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
1	2	—	—	-.08	—	—	-5	+1.9	-6
2	3	—	—	0	—	—	—	+.05	-5
3	4	—	—	-.01	—	—	—	+0.44	-1
4	5	—	—	-0.04	—	—	—	+1.8	-1
5	6	—	—	—	—	—	—	—	-1
6	7								
7	8								
8	9								
9	10								
Recommended Stabilization		0.3	(100 - 500)	0.1	3%	10%	10%	3%	10
# Stabilization (Yes/No)		Yes	No 4b	Yes	Yes	Yes	Yes	Yes	Yes

Sample Time: 1010

Reviewed By:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
mS/cm	milliseimons per centimeter				

Leggette, Brashears & Graham, Inc.

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SAMPLE DATE: 10/27/15

Low-Flow Sampling Log

TOTAL # WELLS: _____

Client Name: Fyn Paint
Project Location: 230 Kent Ave, Brooklyn, NY
Sampler(s): Mike [redacted] D

Sample Pump: Peristaltic
Tubing Type: Polyethylene/Tygon
Monitoring Equipment: Horiba

Well I.D. MW-7
Well Diameter (inches): 2 Inches
Total Depth (ft btoc):
Depth to Water (ft btoc): 15.00

Screen Setting (ft btoc): -- to --
Tubing Intake (ft btoc): 17
Comments: Purged well for approx. 5 minutes before recording parameters

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	0855	15.05	100	7.27	2.05	49	6.55	20.57	20
2	0858	15.06	100	7.38	2.08	45.	0.67	20.62	-6
3	0901	15.04	100	7.41	2.24	47	0	20.24	-9
4	0904	15.04	100	7.42	2.30	42.0	0	20.09	-9
5	0907	15.04	100	7.42	2.34	42	0	20.01	-10
6	0910	15.02	100	7.41	2.34	39	0	19.92	-11
7	0913	15.03	100	7.41	2.46	39	0	19.84	-12
8									
9									
10									

Stabilazation of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Change in Head (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
1	2								
2	3								
3	4			+ 0.01	+ 2.6	11	0 -	-0.07	0
4	5			—	+ 1.7	0	0 -	-0.39	-1
5	6			-0.01	0	0	0		-1
6	7								-1
7	8								
8	9								
9	10								
Recommended Stabilization		0.3	(100 - 500)	0.1	3%	10%	10%	3%	10
# Stabilization (Yes/No)		Yes	No	Yes	Yes	Yes	Yes	Yes	Yes

Sample Time: 0920

Reviewed By: _____

ft btoc feet below top of casing
ml/min millimeters per minute
mS/cm milliseimons per centimeter
NTU Nephelometric Turbidity Units
mg/l milligrams per liter
°C degrees Celcius
mv millivolts

Leggette, Brashears & Graham, Inc.

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SAMPLE DATE: 10/26/15

Low-Flow Sampling Log

TOTAL # WELLS: _____

Client Name: _____
Project Location: FYN PAINT
Sampler(s): DH / MD

Sample Pump: Peristaltic
Tubing Type: poly/tygon
Monitoring Equipment: Horiba

Well I.D. MW-8
Well Diameter (inches): 4
Total Depth (ft btoc): _____
Depth to Water (ft btoc): _____

Screen Setting (ft btoc): _____ to _____
Tubing Intake (ft btoc): _____
Comments: _____

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1439	14.67	300	6.20	2.06	11.2	2.66	19.23	80
2	1442	14.76	"	6.11	1.99	10.0	2.28	18.78	86
3	1445	14.83	"	6.05	1.97	8.1	2.13	18.81	88
4	1448	14.89	"	6.02	1.96	6.9	2.04	18.77	89
5	1451	14.91	"	5.99	1.95	6.3	1.96	18.79	89
6	1454	14.99	↓	5.95	1.94	5.9	1.88	18.78	90
7									
8									
9									
10									

Stabilization of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
Recommended Stabilization Criteria		± 0.3	(100 - 500)	0.1	3%	10%	10%	3%	10
Stabilization Achieved (Y/N)									

Sample Time: 1458

Reviewed By: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
uS/cm	microseimons per centimeter				

Leggette, Brashears & Graham, Inc.

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SAMPLE DATE: 10/27/15

Low-Flow Sampling Log

TOTAL # WELLS: _____

Client Name: _____

Project Location: FYI PAINT

Sampler(s): DH/MD

Sample Pump: Peristaltic

Tubing Type: poly/tygon

Monitoring Equipment: Horiba

Well I.D. MW-9A

Well Diameter (inches): 4

Total Depth (ft btoc): _____

Depth to Water (ft btoc): _____

Screen Setting (ft btoc): _____ to _____

Tubing Intake (ft btoc): _____

Comments: _____

Time #	Time	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters: pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	0838	15.87	300	5.85	1.69	11.6	1.55	16.50	-122
2	0841	15.87		5.91	1.68	11.6	1.34	16.65	-124
3	0844			5.98	1.68	9.9	1.22	16.76	-126
4	0847			6.02	1.68	9.5	1.16	16.68	-127
5	0850	↓	↓	6.05	1.67	6.5	1.10	16.64	-128
6									
7									
8									
9									
10									

Stabilization of Parameters (Stabilization is achieved for three consecutive readings)

Time #	Time	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
Readings Stabilized (Yes/No)					3%	10%	10%	3%	10
Stable Value									

Sample Time: 0854

Reviewed By: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
uS/cm	microseimons per centimeter				

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SAMPLE DATE: 10/26/15

Low-Flow Sampling Log

TOTAL # WELLS: _____

Client Name: _____ Sample Pump: Peristaltic

Project Location: FYN PAINT Tubing Type: poly/tygon

Sampler(s): DH/ND Monitoring Equipment: Horiba

Well I.D. MW-10 Screen Setting (ft btoc): _____ to _____

Well Diameter (inches): 4 Tubing Intake (ft btoc): _____

Total Depth (ft btoc): _____ Comments: _____

Depth to Water (ft btoc): _____

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1055	10.71	250	6.09	1.90	13.8	1.71	16.62	-30
2	1058	10.73	1	6.12	2.04	105	1.35	16.35	-18
3	1101	10.74	1	6.14	2.06	82.6	1.23	16.35	-18
4	1104	10.74	1	6.15	2.07	70.7	1.18	16.36	-21
5	1107	10.74	1	6.16	2.07	65.5	1.16	16.35	-24
6	1110	10.74	↓	6.17	2.07	69.5	1.12	16.33	-26
7									
8									
9									
10									

Stabilization of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
Required Stability		~0.3	(100 - 500)	~0.1	3%	~10%	10%	3%	10
Actual Stability									

Sample Time: 1113 Reviewed By: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
uS/cm	microseimons per centimeter				

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SAMPLE DATE: 10/26/15

Low-Flow Sampling Log

TOTAL # WELLS:

Client Name:	Fyn Paint	Sample Pump:	Peristaltic
Project Location:	230 Kent Ave, Brooklyn, NY	Tubing Type:	Polyethylene/Tygon
Sampler(s):	Mike D	Monitoring Equipment:	Horiba
Well I.D.	MW-11	Screen Setting (ft btoc):	-- to --
Well Diameter (inches):	4 Inches	Tubing Intake (ft btoc):	14.4
Total Depth (ft btoc):	[redacted]	Comments:	Purged well for approx. 5 minutes before recording parameters
Depth to Water (ft btoc):	12.40		

Time #	Time hour	Depth to Water (ft btoc)	Evacuation Rate (ml/mm)	Water-Quality Monitoring Parameters: pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1345	12.72	145	7.50	0.663	5.2	0.98	23.59	-11
2	1348	12.76	145	7.47	0.674	4.9	0	22.16	-16
3	1351	12.78	145	7.44	0.672	4.8	0	21.97	-18
4	1354	12.78	145	7.41	0.671	3.9	0	21.81	-19
5	1357	12.77	145	7.40	0.675	3.6	0	21.64	-21
6	1400	12.77	145	7.39	0.678	2.9	0	21.61	-22
7									
8									
9									
10									

Stabilazation of Parameters (Stabilization Achieved for three consecutive measurements)

Time # From	Time # To	Change in Head (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	2								
2	3								
3	4								
4	5								
5	6								
6	7								
7	8								
8	9								
9	10								
Recommended Stabilization		0.3	(100 - 500)	0.1	3%	10%	10%	3%	10
# Stabilization: (Yes/No)		Yes	No	Yes	Yes	Yes	Yes	Yes	Yes

Sample Time: 1405

Reviewed By:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
mS/cm	milliseimons per centimeter				

Leggette, Brashears & Graham, Inc.

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SAMPLE DATE: 10/26/15

Low-Flow Sampling Log

TOTAL # WELLS: ____

Client Name: ____ Sample Pump: Peristaltic

Project Location: FYW PAINT Tubing Type: poly/tygon

Sampler(s): DH/MO Monitoring Equipment: Horiba

Well I.D. MW-12 Screen Setting (ft btoc): ____ to ____

Well Diameter (inches): 4 Tubing Intake (ft btoc): ____

Total Depth (ft btoc): ____ Comments: ____

Depth to Water (ft btoc): ____

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1147	@ 11.43	200	6.23	2.54	26.6	1.69	17.17	-111
2	1150	11.57		6.20	2.55	17.1	1.21	17.08	-119
3	1153	11.71		6.17	2.50	9.2	1.09	17.13	-126
4	1156	11.89		6.13	2.46	10.9	1.00	17.21	-131
5	1159	12.05		6.11	2.43	7.5	0.95	17.20	-133
6	1202			6.09	2.40	6.0	0.88	17.32	-136
7									
8									
9									
10									

Stabilization of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
Recommended Stabilization Criteria		-0.3	(100 - 500)	0.1	3%	10%	10%	3%	10
Stabilization Achieved (Y/N)									

Sample Time: 1205 Reviewed By: ____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
uS/cm	microseimons per centimeter				

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SAMPLE DATE: 10/27/15

Low-Flow Sampling Log

TOTAL # WELLS:

Client Name:	Fyn Paint	Sample Pump:	Peristaltic
Project Location:	230 Kent Ave, Brooklyn, NY	Tubing Type:	Polyethylene/Tygon
Sampler(s):	Mike Reiff	Monitoring Equipment:	Horiba
Well I.D.	MW-13	Screen Setting (ft btoc):	-- to --
Well Diameter (inches):	2 Inches	Tubing Intake (ft btoc):	21.00
Total Depth (ft btoc):		Comments:	Purged well for approx. 5 minutes
Depth to Water (ft btoc):	19.05		before recording parameters

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1043	19.00	100	6.67	1.15	108	2.29	20.77	38
2	1046	19.00	100	6.55	1.14	102	0	20.83	34
3	1049	19.03	100	6.49	1.21	83	0	21.01	29
4	1052	19.04	100	6.53	1.29	[illegible]80	0	21.11	18
5	1055	19.02	100	6.54	1.43	80	0	21.26	12
6	1058	19.00	100	6.56	1.65	59	0	21.24	6
7	1101	19.00	100	6.56	1.74	54.6	0	21.32	4
8	1104	19.00	100	6.55	1.81	57	0	21.29	2
9	1107	19.00	100	6.59	1.91	62	0	21.41	-1
10	1110	19.00	100	6.59	1.90	63	0	21.42	-2

Stabilazation of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Change in Head (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
1	2	0	—	1.02	0.9			.	-4
2	3	+0.03	—	-0.05	+5.9		—		-5
3	4	-.01	—	+0.04	+6.4		—	.7	-11
4	5	-.02	—	+.01	+0.2		—	.09	-7
5	6	-.02	—	+.03	16	30	6	+.37	-6
6	7	—	—	—					-2
7	8								
8	9								
9	10								
Recommended Stabilization		0.3	(100 - 500)	0.1	3%	10%	10%	3%	10
# Stabilization (Yes/No)		Yes	No	Yes	Yes	Yes	Yes	Yes	Yes

Sample Time: 1115

Reviewed By:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
mS/cm	milliseimons per centimeter				

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SAMPLE DATE: 10/26/15

Low-Flow Sampling Log

TOTAL # WELLS: _____

Client Name: _____

Project Location: FYN PAINT

Sampler(s): MH/MD

Sample Pump: Peristaltic

Tubing Type: poly/tygon

Monitoring Equipment: Horiba

Well I.D. MW-14

Well Diameter (inches): 4

Total Depth (ft btoc): _____

Depth to Water (ft btoc): _____

Screen Setting (ft btoc): _____ to _____

Tubing Intake (ft btoc): _____

Comments: _____

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1354	12.53	300	6.33	3.91	73.1	3.48	20.80	-1
2	1357	12.70		6.25	4.14	53.4	3.15	19.64	46
3	1400	12.81		6.22	4.17	50.9	3.06	19.40	56
4	1403	12.83		6.18	4.19	45.7	3.02	19.07	61
5	1406	12.85		6.15	4.21	45.9	2.89	18.96	65
6	1409			6.13	4.21	38.8	2.77	19.00	70
7									
8									
9									
10									

Stabilization of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
Recommended Stabilization		~0.2	(100 - 500)	± 0.1	3%	10%	10%	3%	10
Stabilization Achieved									

Sample Time: 1412

Reviewed By: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
uS/cm	microseimons per centimeter				

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SAMPLE DATE: 10/26/15

Low-Flow Sampling Log

TOTAL # WELLS:

Client Name:	Fyn Paint	Sample Pump:	Peristaltic
Project Location:	230 Kent Ave, Brooklyn, NY	Tubing Type:	Polyethylene/Tygon
Sampler(s):	Mike D 18.4.	Monitoring Equipment:	Horiba
Well I.D.	MW-20 MW-20	Screen Setting (ft btoc):	-- to --
Well Diameter (inches):	Inches	Tubing Intake (ft btoc):	12.00
Total Depth (ft btoc):		Comments:	Purged well for approx. 5 minutes
Depth to Water (ft btoc):	10.12		before recording parameters

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1215	10.17	180	7.22	5.20	0	1.81	24.94	-70
2	1218	10.17	180	7.25	4.83	0	0	24.77	-77
3	1221	10.17	180	7.25	4.72	0	0	24.70	-86
4	1224	10.17	180	7.24	4.83	[illegible]	0	24.70	-91
5	1227	10.17	180	7.23	4.89	23.2	0	24.66	-93
6	1230	10.17	180	7.21	4.92	22.5	0	24.65	-95
7	1233	10.17	180	7.21	4.93	19.3	0	24.54	-97
8	1236	10.17	180	7.20	5.02	8.9	0	24.57	-97
9	1239	10.18	180	7.19	5.10	2.3	0	24.53	-98
10	1242	10.18	180	7.18	5.13	0	0	24.50	-99

Stabilazation of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Change in Head (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
1	2								
2	3								
3	4								
4	5								
5	6								
6	7								
7	8								
8	9								
9	10								
Recommended Stabilization		0.3	(100 - 500)	0.1	3%	10%	10%	3%	10
Stabilization (Yes/No)		Yes	No	Yes	Yes	Yes	Yes	Yes	Yes

Sample Time: 1245.

Reviewed By:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
mS/cm	milliseimons per centimeter				

Leggette, Brashears & Graham, Inc.

PAGE: 3 OF _____

SAMPLE DATE: 10/27/15

Low-Flow Sampling Log

TOTAL # WELLS: _____

Client Name: _____

Project Location: FMN PAINT

Sampler(s): DH/MD

Sample Pump: Peristaltic

Tubing Type: poly/tygon

Monitoring Equipment: Horiba

Well I.D. MW-24

Well Diameter (inches): 2

Total Depth (ft btoc): _____

Depth to Water (ft btoc): _____

Screen Setting (ft btoc): _____ to _____

Tubing Intake (ft btoc): _____

Comments: _____

	Time	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Water-Quality Monitoring Parameters: Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1024	18.23	250	6.50	4.80	38.1	8.28	17.62	-166
2	1027	18.31		6.20	4.80	27.7	7.25	17.69	-163
3	1030	18.34		6.19	4.77	24.9	6.81	17.70	-163
4	1033	18.35		5.96	4.76	18.4	6.47	17.71	-161
5	1036			5.77	4.73	12.3	5.74	17.82	-156
6	1039			5.72	4.71	11.9	5.46	17.86	-154
7	1042			5.67	4.70	9.6	5.40	17.84	-152
8	1045	↓	↓						
9									
10									

Parameters (Stabilization Achieved for three consecutive measurements)

Time # From	To	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)

Sample Time: 1048

Reviewed By: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
uS/cm	microseimons per centimeter				

Leggette, Brashears & Graham, Inc.

PAGE: 2 OF ____

SAMPLE DATE: 10/27/15

Low-Flow Sampling Log

TOTAL # WELLS: ____

Client Name: ____

Project Location: FIN PAINT

Sampler(s): DH/MD

Sample Pump: Peristaltic

Tubing Type: poly/tygon

Monitoring Equipment: Horiba

Well I.D. MW-25

Well Diameter (inches): 2

Total Depth (ft btoc): ____

Depth to Water (ft btoc): ____

Screen Setting (ft btoc): ____ to ____

Tubing Intake (ft btoc): ____

Comments: ____

Time #	Time	Depth to Water (ft)	Evacuation Rate (ml/min)	pH	Water-Quality Monitoring Parameters: Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	0915	17.82	300	6.10	2.09	21.2	1.54	18.17	-142
2	0918			6.26	2.10	12.6	1.09	18.65	-200
3	0921			6.34	2.11	11.7	1.05	18.69	-215
4	0924			6.39	2.12	19.1	0.93	18.72	-221
5	0927			6.48	2.10	43.8	0.77	18.70	-252
6	0930			6.53	2.08	36.8	0.77	18.57	-260
7	0933			6.56	2.07	32.5	0.72	18.43	-267
8	0936			6.61	2.11	10.3	0.67	18.46	-277
9	0939			6.64	2.17	8.1	0.64	18.52	-284
10									

Time #	Depth to Water (ft)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)

Sample Time: 0943

Reviewed By: ____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
uS/cm	microseimons per centimeter				

Leggette, Brashears & Graham, Inc.

PAGE: 1 OF 1

SAMPLE DATE: 10/26/15

Low-Flow Sampling Log

TOTAL # WELLS:

Client Name:	Fyn Paint	Sample Pump:	Peristaltic
Project Location:	230 Kent Ave, Brooklyn, NY	Tubing Type:	Polyethylene/Tygon
Sampler(s):	Mike Reiff	Monitoring Equipment:	Horiba
Well I.D.	MW-26	Screen Setting (ft btoc):	-- to --
Well Diameter (inches):	2 Inches	Tubing Intake (ft btoc):	15.00 ft
Total Depth (ft btoc):		Comments:	Purged well for approx. 5 minutes
Depth to Water (ft btoc):	13.33		before recording parameters

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1447	13.44	120	7.10	1.03	34	0 ~~0.27~~ 0.19	21.50	26
2	1450	13.44	120	7.03	1.03	30	0	21.75	30
3	1453	13.51	120	7.06	1.04	10.8	0	21.52	25
4	1456	13.52	120	7.06	1.04	~~11.6~~ 11.3	0.0	21.52	21
5	1459	13.52	120	7.07	1.03	11.6	0	21.52	20
6	1502	13.55	120	7.07	1.03	10.7	0	21.40	16
7	1505	13.56	120	7.07	1.04	6.6	0	21.42	7.6
8	1508	13.56	120	7.08	1.04	6.~~6~~3	0	21.40	~~6~~ 14
9	1511	13.58	120	7.08	1.04	6.0	0	12.42	17
10	1514								

Stabilazation of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Change in Head (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
1	2								
2	3								
3	4								
4	5								
5	6								
6	7								
7	8								
8	9								
9	10								
Recommended Stabilization		0.3	(100 - 500)	0.1	3%	10%	10%	3%	10
# Stabilization (Yes/No)		Yes	No	Yes	Yes	Yes	Yes	Yes	Yes

Sample Time: 1520

Reviewed By:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
mS/cm	milliseimons per centimeter				

Leggette, Brashears & Graham, Inc.

PAGE: _____ OF _____

SAMPLE DATE: 10/27/15

Low-Flow Sampling Log

TOTAL # WELLS: _____

Client Name: _____

Project Location: FYN PAINT

Sampler(s): DH / MD

Sample Pump: Peristaltic

Tubing Type: poly / tygon

Monitoring Equipment: Horiba

Well I.D. MW-27

Well Diameter (inches): 2

Total Depth (ft btoc): _____

Depth to Water (ft btoc): _____

Screen Setting (ft btoc): _____ to _____

Tubing Intake (ft btoc): _____

Comments: _____

#	Time	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters: pH	Conductivity (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1413	~~350~~	250	10.74	0.147	41.7	2.21	21.01	-54
2	1416	17.47		10.83	0.146	19.3	0.89	21.00	-44
3	1419			10.89	0.146	0.0	0.36	21.02	-29
4	1422			10.87	0.145	3.3	0.26	21.03	-24
5	1425			10.87	0.145	0.0	0.19	21.03	-19
6	1428			10.87	0.145	0.0	0.12	21.03	-16
7	1431			10.88	0.145	0.0	0.13	21.04	-12
8	1434			10.88	0.145	0.0	0.03	21.02	-8
9	1437			10.88	0.145	0.0	0.00	21.04	-6
10	1440	↓	↓	10.88	0.145	0.0	0.00	21.03	-4

Stabilization of Parameters (Stabilization Achieved for three consecutive measurements)

Time: From	To	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
Required				0.1	3%	10%	10%	3%	10
Actual									

Sample Time: 1444

Reviewed By: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celcius
ml/min	millimeters per minute	mg/l	milligrams per liter	mv	millivolts
uS/cm	microseimons per centimeter				

Leggette, Brashears & Graham, Inc.

PAGE: 1 OF 1

SAMPLE DATE:

Low-Flow Sampling Log

TOTAL # WELLS:

Client Name: Fyn Paint
Project Location: 230 Kent Ave, Brooklyn, NY
Sampler(s): Mike Reiff

Sample Pump: Peristaltic
Tubing Type: Polyethylene/Tygon
Monitoring Equipment: Horiba

Well I.D. MW-28
Well Diameter (inches): 4 Inches
Total Depth (ft btoc):
Depth to Water (ft btoc): 17.50

Screen Setting (ft btoc): -- to --
Tubing Intake (ft btoc): 19.5
Comments: Purged well for approx. 5 minutes before recording parameters

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water-Quality Monitoring Parameters					
#	hour			pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
1	1437	17.50	120	7.08	3.41	85	1.23	30.91	-100
2	1440	↓	120	7.10	3.40	91	0.74	~~31.41~~	-103
3	1443	↓	↓	7.10	3.40	84	0.32	~~~~	-92
4	1446	↓	↓	7.11	3.40	96	0.13	~~~~	-108
5	1449	↓	↓	7.11	3.40	100	0	~~~~	-111
6	1452	↓	↓	7.12	3.39	92	0	~~~~	-113
7	1455	↓	↓	7.12	3.40	85	0	~~~~	-108
8	1458	↓	↓	7.13	3.40	84	0	~~~~	-107
9	1501	↓	↓	7.13	3.39	80	0	~~~~	-105
10									

Stabilazation of Parameters (Stabilization Achieved for three consecutive measurements)

Time #		Change in Head (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temperature (°C)	ORP (mv)
From	To								
1	2			.02	.29				-3
2	3			—	—				
3	4			.01	—				
4	5			.02	—				
5	6			.01	.29				
6	7			.01	.29				
7	8								
8	9								
9	10								
Recommended Stabilization		0.3	(100 - 500)	0.1	3%	10%	10%	3%	10
# Stabilization: (Yes/No)		Yes	No	Yes	Yes	Yes	Yes	Yes	Yes

Sample Time: _____ Reviewed By: _____

ft btoc feet below top of casing
ml/min millimeters per minute
mS/cm milliseimons per centimeter
NTU Nephelometric Turbidity Units
mg/l milligrams per liter
°C degrees Celcius
mv millivolts

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

NO: 65937

Office: (603) 424-2022
Fax: (603) 429-8496
web: www.amrolabs.com

Project No.:	Project Name: FYN PAINT	Project State: NY	Project Manager:	Samplers (Signature):	AMRO Project No.:
P.O.#:	Results Needed by:				
QUOTE #:	Seal Intact? Yes No N/A				

Sample ID.:	Date/Time Sampled	Matrix	Total # of Cont. & Size	Comp.	Grab	REQUESTED ANALYSES: 8260	Remarks
MW-20	10/26/15 1245	GW	3 VOA		X	X	
MW-29	10/27/15 1400						
MW-24	1048						
MW-27	1440						
MW-13	1115						
MW-6	1010						
MW-7	0920						
EW-1	1415						
MW-9A	0854						
MW-25	0943						

Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other

Send Results To:	PRIORITY TURNAROUND TIME AUTHORIZATION	METALS 8 RCRA ☐ 13 PP ☐ 23 TAL ☐ 14 MCP ☐
	Before submitting samples for expedited TAT, you must *have a coded AUTHORIZATION NUMBER*	Method: 6010 ☐ 200.7 ☐ Other Metals:
	AUTHORIZATION No.: BY:	Dissolved Metals Field Filtered? YES ☐ NO ☐
PHONE #: FAX #: E-mail:		MCP Presumptive Certainty Required? YES ☐ NO ☐

MCP Methods Needed: YES ☐ NO ☐

Required Reporting Limits: S-1 ☐ GW-1 ☐ S-2 ☐ GW-2 ☐ S-3 ☐ GW-3 ☐ Other:

Relinquished By:	Date/Time	Received By
	10/28/15 1700	

AMRO report package level needed:

EDD required:

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

KNOWN SITE CONTAMINATION:

White: Lab Copy Yellow: Client Copy

SHEET 2 OF 2

AMROCOC2004, Rev.3 08/18/04

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

NO: 65936

Office: (603) 424-2022
Fax: (603) 429-8496
web: www.amrolabs.com

Project No.:	Project Name: FW PAINT	Project State: NY	Project Manager: SEAN GROSKOWSKI	Samplers (Signature):	AMRO Project No.:
P.O.#:	Results Needed by:				
QUOTE #:	Seal Intact? Yes No N/A				

Sample ID.:	Date/Time Sampled	Matrix	Total # of Cont. & Size	Comp.	Grab	8260	Remarks
MW-14	10/26/15 1412	GW	3 VOAs		X	X	
MW-11	1405						
MW-26	1520						
MW-12	1205						
MW-2	1037						
MW-4	1520						
MW-8	1458						
MW-10	1113						
MW-5	1140						
MW-1	1040						

Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other

Send Results To: SEAN GROSKOWSKI
LBG, INC.
4 WEST PARK DR. STE. 175
WHITE PLAINS, NY 10604
PHONE #: 914-694-5711 FAX #:
E-mail: GROSKOWSKI@LBGNY.COM

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited TAT, you must *have a coded AUTHORIZATION NUMBER*
AUTHORIZATION No.: BY:

METALS 8 RCRA ☐ 13 PP ☐ 23 TAL ☐ 14 MCP ☐
Method: 6010 ☐ 200.7 ☐ Other Metals:
Dissolved Metals Field Filtered? YES ☐ NO ☐

MCP Presumptive Certainty Required? YES ☐ NO ☐

MCP Methods Needed: YES ☐ NO ☐

Required Reporting Limits:
S-1 ☐ GW-1 ☐
S-2 ☐ GW-2 ☐
S-3 ☐ GW-3 ☐
Other:

Relinquished By:	Date/Time	Received By
	10/29/15 1700	

AMRO report package level needed:
EDD required:

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

KNOWN SITE CONTAMINATION:

White: Lab Copy Yellow: Client Copy

SHEET 1 OF 3

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

NO: 65938

Office: (603) 424-2022
Fax: (603) 429-8496
web: www.amrolabs.com

Project No.:	Project Name: FKW PAINT	Project State: NY	Project Manager:	Samplers (Signature):	AMRO Project No.:
P.O.#:	Results Needed by:				
QUOTE #:	Seal Intact? Yes No N/A				

Sample ID.:	Date/Time Sampled	Matrix	Total # of Cont. & Size	Comp.	Grab	8260	Remarks
MW-22	10/27/15 1340	GW	3 voas		X	X	
MW-15	10/28/15 1130						
MW-28	1330						
MW-21	1115						
EW-2	1200						
MW-33	1230						
MW-30	1040						
MW-23	1035						
MW-32	1220						

Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other

REQUESTED ANALYSES

Send Results To:	PRIORITY TURNAROUND TIME AUTHORIZATION	METALS 8 RCRA ☐ 13 PP ☐ 23 TAL ☐ 14 MCP ☐
	Before submitting samples for expedited TAT, you must *have a coded AUTHORIZATION NUMBER*	Method: 6010 ☐ 200.7 ☐ Other Metals:
	AUTHORIZATION No.: BY:	Dissolved Metals Field Filtered? YES ☐ NO ☐

PHONE #: FAX #: E-mail:	MCP Presumptive Certainty Required? YES ☐ NO ☐	MCP Methods Needed: YES ☐ NO ☐	Required Reporting Limits: S-1 ☐ GW-1 ☐ S-2 ☐ GW-2 ☐ S-3 ☐ GW-3 ☐

Relinquished By:	Date/Time	Received By	AMRO report package level needed:	Other:
	10/29/15 1700		EDD required:	

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

KNOWN SITE CONTAMINATION:

White: Lab Copy Yellow: Client Copy

SHEET 3 OF 2

AMROCOC2004, Rev.3 08/18/04

APPENDIX II

EPA Low-Flow Groundwater Sampling Procedures

United States Environmental Protection Agency | Office of Research and Development | Office of Solid Waste and Emergency Response | EPA/540/S-95/504 April 1996

Ground Water Issue

LOW-FLOW (MINIMAL DRAWDOWN) GROUND-WATER SAMPLING PROCEDURES

by Robert W. Puls[1] and Michael J. Barcelona[2]

Background

The Regional Superfund Ground Water Forum is a group of ground-water scientists, representing EPA's Regional Superfund Offices, organized to exchange information related to ground-water remediation at Superfund sites. One of the major concerns of the Forum is the sampling of ground water to support site assessment and remedial performance monitoring objectives. This paper is intended to provide background information on the development of low-flow sampling procedures and its application under a variety of hydrogeologic settings. It is hoped that the paper will support the production of standard operating procedures for use by EPA Regional personnel and other environmental professionals engaged in ground-water sampling.

For further information contact: Robert Puls, 405-436-8543, Subsurface Remediation and Protection Division, NRMRL, Ada, Oklahoma.

I. Introduction

The methods and objectives of ground-water sampling to assess water quality have evolved over time. Initially the emphasis was on the assessment of water quality of aquifers as sources of drinking water. Large water-bearing units were identified and sampled in keeping with that objective. These were highly productive aquifers that supplied drinking water via private wells or through public water supply systems. Gradually, with the increasing awareness of subsurface pollution of these water resources, the understanding of complex hydrogeochemical processes which govern the fate and transport of contaminants in the subsurface increased. This increase in understanding was also due to advances in a number of scientific disciplines and improvements in tools used for site characterization and ground-water sampling. Ground-water quality investigations where pollution was detected initially borrowed ideas, methods, and materials for site characterization from the water supply field and water analysis from public health practices. This included the materials and manner in which monitoring wells were installed and the way in which water was brought to the surface, treated, preserved and analyzed. The prevailing conceptual ideas included convenient generalizations of ground-water resources in terms of large and relatively homogeneous hydrologic *units*. With time it became apparent that conventional water supply generalizations of *homogeneity* did not adequately represent field data regarding pollution of these subsurface resources. The important role of *heterogeneity* became increasingly clear not only in geologic terms, but also in terms of complex physical,

[1]National Risk Management Research Laboratory, U.S. EPA
[2]University of Michigan

Superfund Technology Support Center for Ground Water

National Risk Management Research Laboratory
Subsurface Protection and Remediation Division
Robert S. Kerr Environmental Research Center
Ada, Oklahoma

Technology Innovation Office
Office of Solid Waste and Emergency Response, US EPA, Washington, DC

Walter W. Kovalick, Jr., Ph.D.
Director

chemical and biological subsurface processes. With greater appreciation of the role of heterogeneity, it became evident that subsurface pollution was ubiquitous and encompassed the unsaturated zone to the deep subsurface and included unconsolidated sediments, fractured rock, and *aquitards* or low-yielding or impermeable formations. Small-scale processes and heterogeneities were shown to be important in identifying contaminant distributions and in controlling water and contaminant flow paths.

It is beyond the scope of this paper to summarize all the advances in the field of ground-water quality investigations and remediation, but two particular issues have bearing on ground-water sampling today: aquifer heterogeneity and colloidal transport. Aquifer heterogeneities affect contaminant flow paths and include variations in geology, geochemistry, hydrology and microbiology. As methods and the tools available for subsurface investigations have become increasingly sophisticated and understanding of the subsurface environment has advanced, there is an awareness that in most cases a primary concern for site investigations is characterization of contaminant flow paths rather than entire aquifers. In fact, in many cases, plume thickness can be less than well screen lengths (e.g., 3-6 m) typically installed at hazardous waste sites to detect and monitor plume movement over time. Small-scale differences have increasingly been shown to be important and there is a general trend toward smaller diameter wells and shorter screens.

The hydrogeochemical significance of colloidal-size particles in subsurface systems has been realized during the past several years (Gschwend and Reynolds, 1987; McCarthy and Zachara, 1989; Puls, 1990; Ryan and Gschwend, 1990). This realization resulted from both field and laboratory studies that showed faster contaminant migration over greater distances and at higher concentrations than flow and transport model predictions would suggest (Buddemeier and Hunt, 1988; Enfield and Bengtsson, 1988; Penrose et al., 1990). Such models typically account for interaction between the mobile aqueous and immobile solid phases, but do not allow for a mobile, reactive solid phase. It is recognition of this third *phase* as a possible means of contaminant transport that has brought increasing attention to the manner in which samples are collected and processed for analysis (Puls et al., 1990; McCarthy and Degueldre, 1993; Backhus et al., 1993; U. S. EPA, 1995). If such a phase is present in sufficient mass, possesses high sorption reactivity, large surface area, and remains stable in suspension, it can serve as an important mechanism to facilitate contaminant transport in many types of subsurface systems.

Colloids are particles that are sufficiently small so that the surface free energy of the particle dominates the bulk free energy. Typically, in ground water, this includes particles with diameters between 1 and 1000 nm. The most commonly observed mobile particles include: secondary clay minerals; hydrous iron, aluminum, and manganese oxides; dissolved and particulate organic materials, and viruses and bacteria. These reactive particles have been shown to be mobile under a variety of conditions in both field studies and laboratory column experiments, and as such need to be included in monitoring programs where identification of the *total* mobile contaminant loading (dissolved + naturally suspended particles) at a site is an objective. To that end, sampling methodologies must be used which do not artificially bias *naturally* suspended particle concentrations.

Currently the most common ground-water purging and sampling methodology is to purge a well using bailers or high speed pumps to remove 3 to 5 casing volumes followed by sample collection. This method can cause adverse impacts on sample quality through collection of samples with high levels of turbidity. This results in the inclusion of otherwise immobile artifactual particles which produce an overestimation of certain analytes of interest (e.g., metals or hydrophobic organic compounds). Numerous documented problems associated with filtration (Danielsson, 1982; Laxen and Chandler, 1982; Horowitz et al., 1992) make this an undesirable method of rectifying the turbidity problem, and include the removal of potentially mobile (contaminant-associated) particles during filtration, thus artificially biasing contaminant concentrations low. Sampling-induced turbidity problems can often be mitigated by using low-flow purging and sampling techniques.

Current subsurface conceptual models have undergone considerable refinement due to the recent development and increased use of field screening tools. So-called hydraulic *push* technologies (e.g., cone penetrometer, Geoprobe®, QED HydroPunch®) enable relatively fast screening site characterization which can then be used to design and install a monitoring well network. Indeed, alternatives to conventional monitoring wells are now being considered for some hydrogeologic settings. The ultimate design of any monitoring system should however be based upon adequate site characterization and be consistent with established monitoring objectives.

If the sampling program objectives include accurate assessment of the magnitude and extent of subsurface contamination over time and/or accurate assessment of subsequent remedial performance, then some information regarding plume delineation in three-dimensional space is necessary prior to monitoring well network design and installation. This can be accomplished with a variety of different tools and equipment ranging from hand-operated augers to screening tools mentioned above and large drilling rigs. Detailed information on ground-water flow velocity, direction, and horizontal and vertical variability are essential baseline data requirements. Detailed soil and geologic data are required prior to and during the installation of sampling points. This includes historical as well as detailed soil and geologic logs which accumulate during the site investigation. The use of borehole geophysical techniques is also recommended. With this information (together with other site characterization data) and a clear understanding of sampling

objectives, then appropriate location, screen length, well diameter, slot size, etc. for the monitoring well network can be decided. This is especially critical for new in situ remedial approaches or natural attenuation assessments at hazardous waste sites.

In general, the overall goal of any ground-water sampling program is to collect water samples with no alteration in water chemistry; analytical data thus obtained may be used for a variety of specific monitoring programs depending on the regulatory requirements. The sampling methodology described in this paper assumes that the monitoring goal is to sample monitoring wells for the presence of contaminants and it is applicable whether mobile colloids are a concern or not and whether the analytes of concern are metals (and metalloids) or organic compounds.

II. Monitoring Objectives and Design Considerations

The following issues are important to consider prior to the design and implementation of any ground-water monitoring program, including those which anticipate using low-flow purging and sampling procedures.

A. Data Quality Objectives (DQOs)

Monitoring objectives include four main types: detection, assessment, corrective-action evaluation and resource evaluation, along with *hybrid* variations such as site-assessments for property transfers and water availability investigations. Monitoring objectives may change as contamination or water quality problems are discovered. However, there are a number of common components of monitoring programs which should be recognized as important regardless of initial objectives. These components include:

1) Development of a conceptual model that incorporates elements of the regional geology to the local geologic framework. The conceptual model development also includes initial site characterization efforts to identify hydrostratigraphic units and likely flow-paths using a minimum number of borings and well completions;

2) Cost-effective and well documented collection of high quality data utilizing simple, accurate, and reproducible techniques; and

3) Refinement of the conceptual model based on supplementary data collection and analysis.

These fundamental components serve many types of monitoring programs and provide a basis for future efforts that evolve in complexity and level of spatial detail as purposes and objectives expand. High quality, reproducible data collection is a common goal regardless of program objectives.

High quality data collection implies data of sufficient accuracy, precision, and completeness (i.e., ratio of valid analytical results to the minimum sample number called for by the program design) to meet the program objectives. Accuracy depends on the correct choice of monitoring tools and procedures to minimize sample and subsurface disturbance from collection to analysis. Precision depends on the repeatability of sampling and analytical protocols. It can be assured or improved by replication of sample analyses including blanks, field/lab standards and reference standards.

B. Sample Representativeness

An important goal of any monitoring program is collection of data that is truly representative of conditions at the site. The term *representativeness* applies to chemical and hydrogeologic data collected via wells, borings, piezometers, geophysical and soil gas measurements, lysimeters, and temporary sampling points. It involves a recognition of the statistical variability of individual subsurface physical properties, and contaminant or major ion concentration levels, while explaining extreme values. Subsurface temporal and spatial variability are facts. Good professional practice seeks to maximize representativeness by using proven accurate and reproducible techniques to define limits on the distribution of measurements collected at a site. However, measures of representativeness are dynamic and are controlled by evolving site characterization and monitoring objectives. An evolutionary site characterization model, as shown in Figure 1, provides a systematic approach to the goal of consistent data collection.



Figure 1. Evolutionary Site Characterization Model

The model emphasizes a recognition of the causes of the variability (e.g., use of inappropriate technology such as using bailers to purge wells; imprecise or operator-dependent methods) and the need to control avoidable errors.

1) Questions of Scale

A sampling plan designed to collect representative samples must take into account the potential scale of changes in site conditions through space and time as well as the chemical associations and behavior of the parameters that are targeted for investigation. In subsurface systems, physical (i.e., aquifer) and chemical properties over time or space are not statistically independent. In fact, samples taken in close proximity (i.e., within distances of a few meters) or within short time periods (i.e., more frequently than monthly) are highly auto-correlated. This means that designs employing high-sampling frequency (e.g., monthly) or dense spatial monitoring designs run the risk of redundant data collection and misleading inferences regarding trends in values that aren't statistically valid. In practice, contaminant detection and assessment monitoring programs rarely suffer these *over-sampling* concerns. In corrective-action evaluation programs, it is also possible that too little data may be collected over space or time. In these cases, false interpretation of the spatial extent of contamination or underestimation of temporal concentration variability may result.

2) Target Parameters

Parameter selection in monitoring program design is most often dictated by the regulatory status of the site. However, background water quality constituents, purging indicator parameters, and contaminants, all represent targets for data collection programs. The tools and procedures used in these programs should be equally rigorous and applicable to all categories of data, since all may be needed to determine or support regulatory action.

C. Sampling Point Design and Construction

Detailed site characterization is central to all decision-making purposes and the basis for this characterization resides in identification of the geologic framework and major hydro-stratigraphic units. Fundamental data for sample point location include: subsurface lithology, head-differences and background geochemical conditions. Each sampling point has a proper use or uses which should be documented at a level which is appropriate for the program's data quality objectives. Individual sampling points may not always be able to fulfill multiple monitoring objectives (e.g., detection, assessment, corrective action).

1) Compatibility with Monitoring Program and Data Quality Objectives

Specifics of sampling point location and design will be dictated by the complexity of subsurface lithology and variability in contaminant and/or geochemical conditions. It should be noted that, regardless of the ground-water sampling approach, few sampling points (e.g., wells, drive-points, screened augers) have zones of influence in excess of a few feet. Therefore, the spatial frequency of sampling points should be carefully selected and designed.

2) Flexibility of Sampling Point Design

In most cases *well-point* diameters in excess of 1 7/8 inches will permit the use of most types of submersible pumping devices for low-flow (minimal drawdown) sampling. It is suggested that *short* (e.g., less than 1.6 m) screens be incorporated into the monitoring design where possible so that comparable results from one device to another might be expected. *Short*, of course, is relative to the degree of vertical water quality variability expected at a site.

3) Equilibration of Sampling Point

Time should be allowed for equilibration of the well or sampling point with the formation after installation. Placement of well or sampling points in the subsurface produces some disturbance of ambient conditions. Drilling techniques (e.g., auger, rotary, etc.) are generally considered to cause more disturbance than *direct-push* technologies. In either case, there may be a period (i.e., days to months) during which water quality near the point may be distinctly different from that in the formation. Proper development of the sampling point and adjacent formation to remove fines created during emplacement will shorten this water quality *recovery* period.

III. Definition of Low-Flow Purging and Sampling

It is generally accepted that water in the well casing is non-representative of the formation water and needs to be purged prior to collection of ground-water samples. However, the water in the screened interval may indeed be representative of the formation, depending upon well construction and site hydrogeology. Wells are purged to some extent for the following reasons: the presence of the air interface at the top of the water column resulting in an oxygen concentration gradient with depth, loss of volatiles up the water column, leaching from or sorption to the casing or filter pack, chemical changes due to clay seals or backfill, and surface infiltration.

Low-flow purging, whether using portable or dedicated systems, should be done using pump-intake located in the middle or slightly above the middle of the screened interval. Placement of the pump too close to the bottom of the well will cause increased entrainment of solids which have collected in the well over time. These particles are present as a result of well development, prior purging and sampling events, and natural colloidal transport and deposition. Therefore, placement of the pump in the middle or toward the top of the screened interval is suggested. Placement of the pump at the top of the water column for sampling is only recommended in unconfined aquifers, screened across the water table, where this is the desired sampling point. Low-

flow purging has the advantage of minimizing mixing between the overlying stagnant casing water and water within the screened interval.

A. Low-Flow Purging and Sampling

Low-flow refers to the velocity with which water enters the pump intake and that is imparted to the formation pore water in the immediate vicinity of the well screen. It does not necessarily refer to the flow rate of water discharged at the surface which can be affected by flow regulators or restrictions. Water level drawdown provides the best indication of the stress imparted by a given flow-rate for a given hydrological situation. The objective is to pump in a manner that minimizes stress (drawdown) to the system to the extent practical taking into account established site sampling objectives. Typically, flow rates on the order of 0.1 - 0.5 L/min are used, however this is dependent on site-specific hydrogeology. Some extremely coarse-textured formations have been successfully sampled in this manner at flow rates to 1 L/min. The effectiveness of using low-flow purging is intimately linked with proper screen location, screen length, and well construction and development techniques. The reestablishment of natural flow paths in both the vertical and horizontal directions is important for correct interpretation of the data. For high resolution sampling needs, screens less than 1 m should be used. Most of the need for purging has been found to be due to passing the sampling device through the overlying casing water which causes mixing of these stagnant waters and the dynamic waters within the screened interval. Additionally, there is disturbance to suspended sediment collected in the bottom of the casing and the displacement of water out into the formation immediately adjacent to the well screen. These disturbances and impacts can be avoided using dedicated sampling equipment, which precludes the need to insert the sampling device prior to purging and sampling.

Isolation of the screened interval water from the overlying stagnant casing water may be accomplished using low-flow minimal drawdown techniques. If the pump intake is located within the screened interval, most of the water pumped will be drawn in directly from the formation with little mixing of casing water or disturbance to the sampling zone. However, if the wells are not constructed and developed properly, zones other than those intended may be sampled. At some sites where geologic heterogeneities are sufficiently different within the screened interval, higher conductivity zones may be preferentially sampled. This is another reason to use shorter screened intervals, especially where high spatial resolution is a sampling objective.

B. Water Quality Indicator Parameters

It is recommended that water quality indicator parameters be used to determine purging needs prior to sample collection in each well. Stabilization of parameters such as pH, specific conductance, dissolved oxygen, oxidation-reduction potential, temperature and turbidity should be used to determine when formation water is accessed during purging. In general, the order of stabilization is pH, temperature, and specific conductance, followed by oxidation-reduction potential, dissolved oxygen and turbidity. Temperature and pH, while commonly used as purging indicators, are actually quite insensitive in distinguishing between formation water and stagnant casing water; nevertheless, these are important parameters for data interpretation purposes and should also be measured. Performance criteria for determination of stabilization should be based on water-level drawdown, pumping rate and equipment specifications for measuring indicator parameters. Instruments are available which utilize in-line flow cells to continuously measure the above parameters.

It is important to establish specific well stabilization criteria and then consistently follow the same methods thereafter, particularly with respect to drawdown, flow rate and sampling device. Generally, the time or purge volume required for parameter stabilization is independent of well depth or well volumes. Dependent variables are well diameter, sampling device, hydrogeochemistry, pump flow rate, and whether the devices are used in a portable or dedicated manner. If the sampling device is already in place (i.e., dedicated sampling systems), then the time and purge volume needed for stabilization is much shorter. Other advantages of dedicated equipment include less purge water for waste disposal, much less decontamination of equipment, less time spent in preparation of sampling as well as time in the field, and more consistency in the sampling approach which probably will translate into less variability in sampling results. The use of dedicated equipment is strongly recommended at wells which will undergo routine sampling over time.

If parameter stabilization criteria are too stringent, then minor oscillations in indicator parameters may cause purging operations to become unnecessarily protracted. It should also be noted that turbidity is a very conservative parameter in terms of stabilization. Turbidity is always the last parameter to stabilize. Excessive purge times are invariably related to the establishment of too stringent turbidity stabilization criteria. It should be noted that natural turbidity levels in ground water may exceed 10 nephelometric turbidity units (NTU).

C. Advantages and Disadvantages of Low-Flow (Minimum Drawdown) Purging

In general, the advantages of low-flow purging include:

- samples which are representative of the *mobile* load of contaminants present (dissolved and colloid-associated);
- minimal disturbance of the sampling point thereby minimizing sampling artifacts;
- less operator variability, greater operator control;

- reduced stress on the formation (minimal drawdown);
- less mixing of stagnant casing water with formation water;
- reduced need for filtration and, therefore, less time required for sampling;
- smaller purging volume which decreases waste disposal costs and sampling time;
- better sample consistency; reduced artificial sample variability.

Some disadvantages of low-flow purging are:

- higher initial capital costs,
- greater set-up time in the field,
- need to transport additional equipment to and from the site,
- increased training needs,
- resistance to change on the part of sampling practitioners,
- concern that new data will indicate a *change in conditions* and trigger an *action*.

IV. Low-Flow (Minimal Drawdown) Sampling Protocols

The following ground-water sampling procedure has evolved over many years of experience in ground-water sampling for organic and inorganic compound determinations and as such summarizes the authors' (and others) experiences to date (Barcelona et al., 1984, 1994; Barcelona and Helfrich, 1986; Puls and Barcelona, 1989; Puls et. al. 1990, 1992; Puls and Powell, 1992; Puls and Paul, 1995). High-quality chemical data collection is essential in ground-water monitoring and site characterization. The primary limitations to the collection of *representative* ground-water samples include: mixing of the stagnant casing and *fresh* screen waters during insertion of the sampling device or ground-water level measurement device; disturbance and resuspension of settled solids at the bottom of the well when using high pumping rates or raising and lowering a pump or bailer; introduction of atmospheric gases or degassing from the water during sample handling and transfer, or inappropriate use of vacuum sampling device, etc.

A. Sampling Recommendations

Water samples should not be taken immediately following well development. Sufficient time should be allowed for the ground-water flow regime in the vicinity of the monitoring well to stabilize and to approach chemical equilibrium with the well construction materials. This lag time will depend on site conditions and methods of installation but often exceeds one week.

Well purging is nearly always necessary to obtain samples of water flowing through the geologic formations in the screened interval. Rather than using a general but arbitrary guideline of purging three casing volumes prior to sampling, it is recommended that an in-line water quality measurement device (e.g., flow-through cell) be used to establish the stabilization time for several parameters (e.g. , pH, specific conductance, redox, dissolved oxygen, turbidity) on a well-specific basis. Data on pumping rate, drawdown, and volume required for parameter stabilization can be used as a guide for conducting subsequent sampling activities.

The following are recommendations to be considered before, during and after sampling:

- use low-flow rates (<0.5 L/min), during both purging and sampling to maintain minimal drawdown in the well;
- maximize tubing wall thickness, minimize tubing length;
- place the sampling device intake at the desired sampling point;
- minimize disturbances of the stagnant water column above the screened interval during water level measurement and sampling device insertion;
- make proper adjustments to stabilize the flow rate as soon as possible;
- monitor water quality indicators during purging;
- collect unfiltered samples to estimate contaminant loading and transport potential in the subsurface system.

B. Equipment Calibration

Prior to sampling, all sampling device and monitoring equipment should be calibrated according to manufacturer's recommendations and the site Quality Assurance Project Plan (QAPP) and Field Sampling Plan (FSP). Calibration of pH should be performed with at least two buffers which bracket the expected range. Dissolved oxygen calibration must be corrected for local barometric pressure readings and elevation.

C. Water Level Measurement and Monitoring

It is recommended that a device be used which will least disturb the water surface in the casing. Well depth should be obtained from the well logs. Measuring to the bottom of the well casing will only cause resuspension of settled solids from the formation and require longer purging times for turbidity equilibration. Measure well depth after sampling is completed. The water level measurement should be taken from a permanent reference point which is surveyed relative to ground elevation.

D. Pump Type

The use of low-flow (e.g., 0.1-0.5 L/min) pumps is suggested for purging and sampling all types of analytes. All pumps have some limitation and these should be investigated with respect to application at a particular site. Bailers are inappropriate devices for low-flow sampling.

1) General Considerations

There are no unusual requirements for ground-water sampling devices when using low-flow, minimal drawdown techniques. The major concern is that the device give consistent results and minimal disturbance of the sample across a range of *low* flow rates (i.e., < 0.5 L/min). Clearly, pumping rates that cause minimal to no drawdown in one well could easily cause *significant* drawdown in another well finished in a less transmissive formation. In this sense, the pump should not cause undue pressure or temperature changes or physical disturbance on the water sample over a reasonable sampling range. Consistency in operation is critical to meet accuracy and precision goals.

2) Advantages and Disadvantages of Sampling Devices

A variety of sampling devices are available for low-flow (minimal drawdown) purging and sampling and include peristaltic pumps, bladder pumps, electrical submersible pumps, and gas-driven pumps. Devices which lend themselves to both dedication and consistent operation at definable low-flow rates are preferred. It is desirable that the pump be easily adjustable and operate reliably at these lower flow rates. The peristaltic pump is limited to shallow applications and can cause degassing resulting in alteration of pH, alkalinity, and some volatiles loss. Gas-driven pumps should be of a type that does not allow the gas to be in direct contact with the sampled fluid.

Clearly, bailers and other *grab* type samplers are ill-suited for low-flow sampling since they will cause repeated disturbance and mixing of *stagnant* water in the casing and the *dynamic* water in the screened interval. Similarly, the use of inertial lift foot-valve type samplers may cause too much disturbance at the point of sampling. Use of these devices also tends to introduce uncontrolled and unacceptable operator variability.

Summaries of advantages and disadvantages of various sampling devices are listed in Herzog et al. (1991), U. S. EPA (1992), Parker (1994) and Thurnblad (1994).

E. Pump Installation

Dedicated sampling devices (left in the well) capable of pumping and sampling are preferred over <u>any</u> other type of device. Any portable sampling device should be slowly and carefully lowered to the middle of the screened interval or slightly above the middle (e.g., 1-1.5 m below the top of a 3 m screen). This is to minimize excessive mixing of the stagnant water in the casing above the screen with the screened interval zone water, and to minimize resuspension of solids which will have collected at the bottom of the well. These two disturbance effects have been shown to directly affect the time required for purging. There also appears to be a direct correlation between size of portable sampling devices relative to the well bore and resulting purge volumes and times. The key is to minimize disturbance of water and solids in the well casing.

F. Filtration

Decisions to filter samples should be dictated by sampling objectives rather than as a *fix* for poor sampling practices, and field-filtering of certain constituents should not be the default. Consideration should be given as to what the application of field-filtration is trying to accomplish. For assessment of truly dissolved (as opposed to operationally *dissolved* [i.e., samples filtered with 0.45 µm filters]) concentrations of major ions and trace metals, 0.1 µm filters are recommended although 0.45 µm filters are normally used for most regulatory programs. Alkalinity samples must also be filtered if significant particulate calcium carbonate is suspected, since this material is likely to impact alkalinity titration results (although filtration itself may alter the CO_2 composition of the sample and, therefore, affect the results).

Although filtration may be appropriate, filtration of a sample may cause a number of unintended changes to occur (e.g. oxidation, aeration) possibly leading to filtration-induced artifacts during sample analysis and uncertainty in the results. Some of these unintended changes may be unavoidable but the factors leading to them must be recognized. Deleterious effects can be minimized by consistent application of certain filtration guidelines. Guidelines should address selection of filter type, media, pore size, etc. in order to identify and minimize potential sources of uncertainty when filtering samples.

In-line filtration is recommended because it provides better consistency through less sample handling, and minimizes sample exposure to the atmosphere. In-line filters are available in both disposable (barrel filters) and non-disposable (in-line filter holder, flat membrane filters) formats and various filter pore sizes (0.1-5.0 µm). Disposable filter cartridges have the advantage of greater sediment handling capacity when compared to traditional membrane filters. Filters must be pre-rinsed following manufacturer's recommendations. If there are no recommendations for rinsing, pass through a minimum of 1 L of ground water following purging and prior to sampling. Once filtration has begun, a filter cake may develop as particles larger than the pore size accumulate on the filter membrane. The result is that the effective pore diameter of the membrane is reduced and particles smaller than the stated pore size are excluded from the filtrate. Possible corrective measures include prefiltering (with larger pore size filters), minimizing particle loads to begin with, and reducing sample volume.

G. Monitoring of Water Level and Water Quality Indicator Parameters

Check water level periodically to monitor drawdown in the well as a guide to flow rate adjustment. The goal is minimal drawdown (<0.1 m) during purging. This goal may be difficult to achieve under some circumstances due to geologic heterogeneities within the screened interval, and may require adjustment based on site-specific conditions and personal experience. In-line water quality indicator parameters should be continuously monitored during purging. The water quality

indicator parameters monitored can include pH, redox potential, conductivity, dissolved oxygen (DO) and turbidity. The last three parameters are often most sensitive. Pumping rate, drawdown, and the time or volume required to obtain stabilization of parameter readings can be used as a future guide to purge the well. Measurements should be taken every three to five minutes if the above suggested rates are used. Stabilization is achieved after all parameters have stabilized for three successive readings. In lieu of measuring all five parameters, a minimum subset would include pH, conductivity, and turbidity or DO. Three successive readings should be within ± 0.1 for pH, ± 3% for conductivity, ± 10 mv for redox potential, and ± 10% for turbidity and DO. Stabilized purge indicator parameter trends are generally obvious and follow either an exponential or asymptotic change to stable values during purging. Dissolved oxygen and turbidity usually require the longest time for stabilization. The above stabilization guidelines are provided for rough estimates based on experience.

H. Sampling, Sample Containers, Preservation and Decontamination

Upon parameter stabilization, sampling can be initiated. If an in-line device is used to monitor water quality parameters, it should be disconnected or bypassed during sample collection. Sampling flow rate may remain at established purge rate or may be adjusted slightly to minimize aeration, bubble formation, turbulent filling of sample bottles, or loss of volatiles due to extended residence time in tubing. Typically, flow rates less than 0.5 L/min are appropriate. The same device should be used for sampling as was used for purging. Sampling should occur in a progression from least to most contaminated well, if this is known. Generally, volatile (e.g., solvents and fuel constituents) and gas sensitive (e.g., Fe^{2+}, CH_4, H_2S/HS^-, alkalinity) parameters should be sampled first. The sequence in which samples for most inorganic parameters are collected is immaterial unless filtered (dissolved) samples are desired. Filtering should be done last and in-line filters should be used as discussed above. During both well purging and sampling, proper protective clothing and equipment must be used based upon the type and level of contaminants present.

The appropriate sample container will be prepared in advance of actual sample collection for the analytes of interest and include sample preservative where necessary. Water samples should be collected directly into this container from the pump tubing.

Immediately after a sample bottle has been filled, it must be preserved as specified in the site (QAPP). Sample preservation requirements are based on the analyses being performed (use site QAPP, FSP, RCRA guidance document [U. S. EPA, 1992] or EPA SW-846 [U. S. EPA, 1982]). It may be advisable to add preservatives to sample bottles in a controlled setting prior to entering the field in order to reduce the chances of improperly preserving sample bottles or introducing field contaminants into a sample bottle while adding the preservatives.

The preservatives should be transferred from the chemical bottle to the sample container using a disposable polyethylene pipet and the disposable pipet should be used only once and then discarded.

After a sample container has been filled with ground water, a Teflon™ (or tin)-lined cap is screwed on tightly to prevent the container from leaking. A sample label is filled out as specified in the FSP. The samples should be stored inverted at 4°C.

Specific decontamination protocols for sampling devices are dependent to some extent on the type of device used and the type of contaminants encountered. Refer to the site QAPP and FSP for specific requirements.

I. Blanks

The following blanks should be collected:

(1) field blank: one field blank should be collected from each source water (distilled/deionized water) used for sampling equipment decontamination or for assisting well development procedures.

(2) equipment blank: one equipment blank should be taken prior to the commencement of field work, from each set of sampling equipment to be used for that day. Refer to site QAPP or FSP for specific requirements.

(3) trip blank: a trip blank is required to accompany each volatile sample shipment. These blanks are prepared in the laboratory by filling a 40-mL volatile organic analysis (VOA) bottle with distilled/deionized water.

V. Low-Permeability Formations and Fractured Rock

The overall sampling program goals or sampling objectives will drive how the sampling points are located, installed, and choice of sampling device. Likewise, site-specific hydrogeologic factors will affect these decisions. Sites with very low permeability formations or fractures causing discrete flow channels may require a unique monitoring approach. Unlike water supply wells, wells installed for ground-water quality assessment and restoration programs are often installed in low water-yielding settings (e.g., clays, silts). Alternative types of sampling points and sampling methods are often needed in these types of environments, because low-permeability settings may require extremely low-flow purging (<0.1 L/min) and may be technology-limited. Where devices are not readily available to pump at such low flow rates, the primary consideration is to avoid dewatering of

the well screen. This may require repeated recovery of the water during purging while leaving the pump in place within the well screen.

Use of low-flow techniques may be impractical in these settings, depending upon the water recharge rates. The sampler and the end-user of data collected from such wells need to understand the limitations of the data collected; i.e., a strong potential for underestimation of actual contaminant concentrations for volatile organics, potential false negatives for filtered metals and potential false positives for unfiltered metals. It is suggested that comparisons be made between samples recovered using low-flow purging techniques and samples recovered using passive sampling techniques (i.e., two sets of samples). Passive sample collection would essentially entail acquisition of the sample with no or very little purging using a dedicated sampling system installed within the screened interval or a passive sample collection device.

A. Low-Permeability Formations (<0.1 L/min recharge)

1. Low-Flow Purging and Sampling with Pumps

a. "portable or non-dedicated mode" - Lower the pump (one capable of pumping at <0.1 L/min) to mid-screen or slightly above and set in place for minimum of 48 hours (to lessen purge volume requirements). After 48 hours, use procedures listed in Part IV above regarding monitoring water quality parameters for stabilization, etc., but do not dewater the screen. If excessive drawdown and slow recovery is a problem, then alternate approaches such as those listed below may be better.

b. "dedicated mode" - Set the pump as above at least a week prior to sampling; that is, operate in a dedicated pump mode. With this approach significant reductions in purge volume should be realized. Water quality parameters should stabilize quite rapidly due to less disturbance of the sampling zone.

2. Passive Sample Collection

Passive sampling collection requires insertion of the device into the screened interval for a sufficient time period to allow flow and sample equilibration before extraction for analysis. Conceptually, the extraction of water from low yielding formations seems more akin to the collection of water from the unsaturated zone and passive sampling techniques may be more appropriate in terms of obtaining "representative" samples. Satisfying usual sample volume requirements is typically a problem with this approach and some latitude will be needed on the part of regulatory entities to achieve sampling objectives.

B. Fractured Rock

In fractured rock formations, a low-flow to zero purging approach using pumps in conjunction with packers to isolate the sampling zone in the borehole is suggested. Passive multi-layer sampling devices may also provide the most "representative" samples. It is imperative in these settings to identify flow paths or water-producing fractures prior to sampling using tools such as borehole flowmeters and/or other geophysical tools.

After identification of water-bearing fractures, install packer(s) and pump assembly for sample collection using low-flow sampling in "dedicated mode" or use a passive sampling device which can isolate the identified water-bearing fractures.

VI. Documentation

The usual practices for documenting the sampling event should be used for low-flow purging and sampling techniques. This should include, at a minimum: information on the conduct of purging operations (flow-rate, drawdown, water-quality parameter values, volumes extracted and times for measurements), field instrument calibration data, water sampling forms and chain of custody forms. See Figures 2 and 3 and "Ground Water Sampling Workshop -- A Workshop Summary" (U. S. EPA, 1995) for example forms and other documentation suggestions and information. This information coupled with laboratory analytical data and validation data are needed to judge the "useability" of the sampling data.

VII. Notice

The U.S. Environmental Protection Agency through its Office of Research and Development funded and managed the research described herein as part of its in-house research program and under Contract No. 68-C4-0031 to Dynamac Corporation. It has been subjected to the Agency's peer and administrative review and has been approved for publication as an EPA document. Mention of trade names or commercial products does not constitute endorsement or recommendation for use.

VIII. References

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Figure 2. **Ground Water Sampling Log**

Project _____ **Site** _____ **Well No.** _____ **Date** _____
Well Depth _____ **Screen Length** _____ **Well Diameter** _____ **Casing Type** _____
Sampling Device _____ **Tubing type** _____ **Water Level** _____
Measuring Point _____ **Other Infor** _____

_____

Sampling Personnel _____

Time	pH	Temp	Cond.	Dis.O_2	Turb.	[ ]Conc			Notes

Type of Samples Collected

_____

Information: 2 in = 617 ml/ft, 4 in = 2470 ml/ft: $Vol_{cyl} = \pi r^2 h$, $Vol_{sphere} = 4/3\pi r^3$

Figure 3. **Ground Water Sampling Log** (with automatic data logging for most water quality parameters)

Project _____ **Site** _____ **Well No.** _____ **Date** _____

Well Depth _____ **Screen Length** _____ **Well Diameter** _____ **Casing Type** _____

Sampling Device _____ **Tubing type** _____ **Water Level** _____

Measuring Point _____ **Other Infor** _____

_____

Sampling Personnel _____

Time	Pump Rate	Turbidity	Alkalinity	[ ] Conc	Notes

Type of Samples Collected

_____

Information: 2 in = 617 ml/ft, 4 in = 2470 ml/ft: $Vol_{cyl} = \pi r^2 h$, $Vol_{sphere} = 4/3\pi r^3$

APPENDIX III

Laboratory Reports

AMRO Environmental Laboratories Corporation

111 Herrick Street, Merrimack, NH 03054
TEL: (603) 424-2022 • FAX: (603) 429-8496
www.amrolabs.com

November 18, 2015

ANALYTICAL TEST RESULTS

Sean Groszkowski
Leggette, Brashears & Graham, Inc.
4 Westchester Park Drive
Suite 175
White Plains, NY 10604
TEL: 914-694-5711
FAX: 914-694-5744

Subject: FYN Paint Workorder No.: 1511002

Dear Sean Groszkowski:

AMRO Environmental Laboratories Corp. received 29 samples on 11/2/2015 for the analyses presented in the following report.

AMRO is accredited in accordance with NELAC and certifies that these test results meet all the requirements of NELAC, where applicable, unless otherwise noted in the case narrative.

The enclosed Sample Receipt Checklist details the condition of your sample(s) upon receipt. Please be advised that any unused sample volume and sample extracts will be stored for a period of 60 days from sample receipt date (90 days for samples from New York). After this time, AMRO will properly dispose of the remaining sample(s). If you require further analysis, or need the samples held for a longer period, please contact us immediately.

This report consists of a total of 134 pages. This letter is an integral part of your data report. All results in this project relate only to the sample(s) as received by the laboratory and documented in the Chain-of-Custody. This report shall not be reproduced except in full, without the written approval of the laboratory. If you have any questions regarding this project in the future, please refer to the Workorder Number above.

Sincerely,

Nancy Stewart
Vice President

State Certifications: NH (NELAC): 1001, MA: M-NH012, CT: PH-0758, NY: 11278 (NELAC), ME: NH012 and 1001.

Hard copy of the State Certification is available upon request.

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Project: FYN Paint
Lab Order: 1511002
Date Received: 11/2/2015

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date	Collection Time
1511002-01A	MW-14	10/26/2015	2:12 PM
1511002-02A	MW-11	10/26/2015	2:05 PM
1511002-03A	MW-26	10/26/2015	3:20 PM
1511002-04A	MW-12	10/26/2015	12:05 PM
1511002-05A	MW-2	10/26/2015	10:37 AM
1511002-06A	MW-4	10/26/2015	1:20 PM
1511002-07A	MW-8	10/26/2015	2:58 PM
1511002-08A	MW-10	10/26/2015	11:13 AM
1511002-09A	MW-5	10/26/2015	11:40 AM
1511002-10A	MW-1	10/26/2015	10:40 AM
1511002-11A	MW-20	10/26/2015	12:45 PM
1511002-12A	MW-29	10/27/2015	2:00 PM
1511002-13A	MW-24	10/27/2015	10:48 AM
1511002-14A	MW-27	10/27/2015	2:44 PM
1511002-15A	MW-13	10/27/2015	11:15 AM
1511002-16A	MW-6	10/27/2015	10:10 AM
1511002-17A	MW-7	10/27/2015	9:20 AM
1511002-18A	EW-1	10/27/2015	2:15 PM
1511002-19A	MW-9A	10/27/2015	8:54 AM
1511002-20A	MW-25	10/27/2015	9:43 AM
1511002-21A	MW-22	10/27/2015	1:40 PM
1511002-22A	MW-15	10/28/2015	11:30 AM
1511002-23A	MW-28	10/28/2015	1:30 PM
1511002-24A	MW-21	10/28/2015	11:15 AM
1511002-25A	EW-2	10/28/2015	12:00 PM
1511002-26A	MW-33	10/28/2015	12:30 PM
1511002-27A	MW-30	10/28/2015	10:40 AM
1511002-28A	MW-23	10/28/2015	10:35 AM
1511002-29A	MW-32	10/28/2015	12:20 PM

Lab Order: 1511002
Client: Leggette, Brashears & Graham, Inc.
Project: FYN Paint

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name / Preparatory Test Name	Prep Date	Analysis Date / Batch ID	TCLP Date
1511002-01A	MW-14	10/26/2015 2:12:00 PM	Groundwater	EPA 8260C VOLATILES by GC/MS		11/4/2015	
				EPA 5030B	10/26/2015	R56713	
1511002-02A	MW-11	10/26/2015 2:05:00 PM		EPA 8260C VOLATILES by GC/MS		11/9/2015	
					10/27/2015	R56738	
1511002-03A	MW-26	10/26/2015 3:20:00 PM		EPA 8260C VOLATILES by GC/MS		11/4/2015	
					10/26/2015	R56713	
1511002-04A	MW-12	10/26/2015 12:05:00 PM		EPA 8260C VOLATILES by GC/MS		11/6/2015	
					10/27/2015	R56729	
1511002-05A	MW-2	10/26/2015 10:37:00 AM		EPA 8260C VOLATILES by GC/MS		11/4/2015	
					10/26/2015	R56713	
1511002-06A	MW-4	10/26/2015 1:20:00 PM		EPA 8260C VOLATILES by GC/MS		11/4/2015	
					10/26/2015	R56713	
1511002-07A	MW-8	10/26/2015 2:58:00 PM		EPA 8260C VOLATILES by GC/MS		11/4/2015	
					10/26/2015	R56713	
1511002-08A	MW-10	10/26/2015 11:13:00 AM		EPA 8260C VOLATILES by GC/MS		11/4/2015	
					10/26/2015	R56713	
1511002-09A	MW-5	10/26/2015 11:40:00 AM		EPA 8260C VOLATILES by GC/MS		11/4/2015	
					10/26/2015	R56713	
1511002-10A	MW-1	10/26/2015 10:40:00 AM		EPA 8260C VOLATILES by GC/MS		11/9/2015	
					10/27/2015	R56738	
1511002-11A	MW-20	10/26/2015 12:45:00 PM		EPA 8260C VOLATILES by GC/MS		11/9/2015	
					10/27/2015	R56738	
1511002-12A	MW-29	10/27/2015 2:00:00 PM		EPA 8260C VOLATILES by GC/MS		11/6/2015	
					10/27/2015	R56729	

AMRO Environmental Laboratories Corp.

12-Nov-15

Lab Order: 1511002
Client: Leggette, Brashears & Graham, Inc.
Project: FYN Paint

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name / Preparatory Test Name	Prep Date	Analysis Date / Batch ID	TCLP Date
1511002-13A	MW-24	10/27/2015 10:48:00 AM	Groundwater	EPA 8260C VOLATILES by GC/MS		11/9/2015	
				EPA 5030B	10/27/2015	R56738	
1511002-14A	MW-27	10/27/2015 2:44:00 PM		EPA 8260C VOLATILES by GC/MS		11/6/2015	
					10/27/2015	R56729	
1511002-15A	MW-13	10/27/2015 11:15:00 AM		EPA 8260C VOLATILES by GC/MS		11/9/2015	
					10/26/2015	R56742	
				EPA 8260C VOLATILES by GC/MS		11/10/2015	
					10/27/2015	R56752	
1511002-16A	MW-6	10/27/2015 10:10:00 AM		EPA 8260C VOLATILES by GC/MS		11/6/2015	
					10/27/2015	R56729	
1511002-17A	MW-7	10/27/2015 9:20:00 AM		EPA 8260C VOLATILES by GC/MS		11/6/2015	
					10/27/2015	R56729	
1511002-18A	EW-1	10/27/2015 2:15:00 PM		EPA 8260C VOLATILES by GC/MS		11/10/2015	
					10/27/2015	R56752	
1511002-19A	MW-9A	10/27/2015 8:54:00 AM		EPA 8260C VOLATILES by GC/MS		11/9/2015	
					10/26/2015	R56742	
1511002-20A	MW-25	10/27/2015 9:43:00 AM		EPA 8260C VOLATILES by GC/MS		11/10/2015	
					10/27/2015	R56752	
				EPA 8260C VOLATILES by GC/MS		11/9/2015	
					10/26/2015	R56742	
1511002-21A	MW-22	10/27/2015 1:40:00 PM		EPA 8260C VOLATILES by GC/MS		11/9/2015	
					10/26/2015	R56742	
1511002-22A	MW-15	10/28/2015 11:30:00 AM		EPA 8260C VOLATILES by GC/MS		11/9/2015	
					10/26/2015	R56742	

AMRO Environmental Laboratories Corp.

12-Nov-15

Lab Order: 1511002
Client: Leggette, Brashears & Graham, Inc.
Project: FYN Paint

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name / Preparatory Test Name	Prep Date	Analysis Date / Batch ID	TCLP Date
1511002-22A	MW-15	10/28/2015 11:30:00 AM	Groundwater	EPA 8260C VOLATILES by GC/MS		11/6/2015	
				EPA 5030B	10/27/2015	R56729	
1511002-23A	MW-28	10/28/2015 1:30:00 PM		EPA 8260C VOLATILES by GC/MS		11/6/2015	
					10/27/2015	R56729	
1511002-24A	MW-21	10/28/2015 11:15:00 AM		EPA 8260C VOLATILES by GC/MS		11/10/2015	
					10/27/2015	R56752	
1511002-25A	EW-2	10/28/2015 12:00:00 PM		EPA 8260C VOLATILES by GC/MS		11/6/2015	
					10/27/2015	R56729	
1511002-26A	MW-33	10/28/2015 12:30:00 PM		EPA 8260C VOLATILES by GC/MS		11/9/2015	
					10/27/2015	R56738	
1511002-27A	MW-30	10/28/2015 10:40:00 AM		EPA 8260C VOLATILES by GC/MS		11/6/2015	
					10/27/2015	R56729	
1511002-28A	MW-23	10/28/2015 10:35:00 AM		EPA 8260C VOLATILES by GC/MS		11/9/2015	
					10/27/2015	R56738	
1511002-29A	MW-32	10/28/2015 12:20:00 PM		EPA 8260C VOLATILES by GC/MS		11/6/2015	
					10/27/2015	R56729	

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

NO: 65938

Office: (603) 424-2022
Fax: (603) 429-8496
web: www.amrolabs.com

Project No.:	Project Name: FYN PAINT	Project State: NY	Project Manager:	Samplers (Signature):	AMRO Project No.: 15110027
P.O.#:	Results Needed by:				
QUOTE #:	Seal Intact? Yes No N/A				

Sample ID.:	Date/Time Sampled	Matrix	Total # of Cont. & Size	Comp.	Grab	REQUESTED ANALYSES: 8260	Remarks
MW-22	10/27/15 1340	GW	3 VOAs		X	X	
MW-15	10/28/15 1130						
MW-28	1330						
MW-21	1115						
*EW-2	1200						
MW-33	1230						
MW-30	1040						
MW-23	1035						
MW-32	1220						

Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other

Send Results To:

PHONE #: FAX #:

E-mail:

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited TAT, you must *have a coded AUTHORIZATION NUMBER*
AUTHORIZATION No.: BY:

METALS 8 RCRA ☐ 13 PP ☐ 23 TAL ☐ 14 MCP ☐
Method: 6010 ☐ 200.7 ☐ Other Metals:
Dissolved Metals Field Filtered? YES ☐ NO ☐

MCP Presumptive Certainty Required? YES ☐ NO ☐

MCP Methods Needed: YES ☐ NO ☐

AMRO report package level needed:

EDD required:

Required Reporting Limits:
S-1 ☐ GW-1 ☐
S-2 ☐ GW-2 ☐
S-3 ☐ GW-3 ☐
Other:

Relinquished By:	Date/Time	Received By
[signature]	10/29/15 1700	[signature]
FedEx	11-2-15 930	[signature]

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

KNOWN SITE CONTAMINATION:

White: Lab Copy Yellow: Client Copy

AMROCOC2004, Rev.3 08/18/04

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

NO: 65937

Office: (603) 424-2022
Fax: (603) 429-8496
web: www.amrolabs.com

Project No.:	Project Name: FUN PAINT	Project State: NY	Project Manager:	Samplers (Signature):	AMRO Project No.: 151002
P.O.#:	Results Needed by:				
QUOTE #:	Seal Intact? Yes No N/A				

Sample ID.:	Date/Time Sampled	Matrix	Total # of Cont. & Size	Comp.	Grab	8260	Remarks
MW-20	10/26/15 1245	GW	3 VOAs		X	X	
MW-29	10/27/15 1400						
MW-24	1048						
MW-27	1444						
MW-13	1115						
MW-6	1010						
MW-7	0920						
EW-1	1415						
MW-9A	0854						
MW-25	0943						

Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other

Send Results To:

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited TAT, you must *have a coded AUTHORIZATION NUMBER*
AUTHORIZATION No.: **BY:**

METALS 8 RCRA ☐ 13 PP ☐ 23 TAL ☐ 14 MCP ☐
Method: 6010 ☐ 200.7 ☐ **Other Metals:**

Dissolved Metals Field Filtered? YES ☐ NO ☐

PHONE #: **FAX #:**
E-mail:

MCP Presumptive Certainty Required? YES ☐ NO ☐

MCP Methods Needed: YES ☐ NO ☐

Required Reporting Limits: S-1 ☐ GW-1 ☐ S-2 ☐ GW-2 ☐ S-3 ☐ GW-3 ☐ Other:

Relinquished By:	Date/Time	Received By
[signature] FEDEX	10/29/15 1700 11-2-15 9:30	FEDEX [signature]

AMRO report package level needed:

EDD required:

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

KNOWN SITE CONTAMINATION:

White: Lab Copy Yellow: Client Copy

AMROCOC2004.Rev3 08/18/04

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

NO: 65936

Office: (603) 424-2022
Fax: (603) 429-8496
web: www.amrolabs.com

Project No.:	Project Name: FYN PAINT	Project State: NY	Project Manager: SEAN GROSZKOWSKI	Samplers (Signature):	AMRO Project No.: 15/1002
P.O.#:	Results Needed by:				
QUOTE #:	Seal Intact? Yes No N/A				

Sample ID.:	Date/Time Sampled	Matrix	Total # of Cont. & Size	Comp.	Grab	8260	Remarks
MW-14	10/26/15 1412	GW	3 40AS		X	X	
MW-11	1405						
MW-26	1520						
MW-12	1205						
MW-2	1037						
MW-4	1320						
MW-8	1458						
MW-10	1113						
MW-5	1140						
MW-1	1040						

Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other

Send Results To: SEAN GROSZKOWSKI
LDG INC.
4 WEST PARK DR. STE. 175
WHITE PLAINS NY 10604
PHONE #: 914-694-5711 FAX #:
E-mail: GROSZKOWSKI@LDGNY.COM

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited TAT, you must *have a coded AUTHORIZATION NUMBER*
AUTHORIZATION No.: BY:

METALS 8 RCRA ☐ 13 PP ☐ 23 TAL ☐ 14 MCP ☐
Method: 6010 ☐ 200.7 ☐ Other Metals:
Dissolved Metals Field Filtered? YES ☐ NO ☐

MCP Presumptive Certainty Required? YES ☐ NO ☐
MCP Methods Needed: YES ☐ NO ☐

Required Reporting Limits: S-1 ☐ GW-1 ☐ S-2 ☐ GW-2 ☐ S-3 ☐ GW-3 ☐ Other:

Relinquished By:	Date/Time	Received By
FEDEX	10/29/15 1700	FEDEX
	11-2-15 9:30	

AMRO report package level needed:
EDD required:

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

KNOWN SITE CONTAMINATION:

White: Lab Copy Yellow: Client Copy

AMROCOC2004, Rev.3 08/18/04

RE: Cooler for FYN Paint

From: Sean Groszkowski
Sent: Mon, Nov 2, 2015 at 9:48 am
To: Mirta Ghiraldi

Yes,
Run the samples.
I'll speak to them about the shipping error.
Sean

==========

Sean Groszkowski, CPG
Hydrogeologist – Associate Vice President
Leggette, Brashears & Graham, Inc.
4 Westchester Park Drive, Suite 175
White Plains, New York 10604
Tel: (914) 694-5711
Cell: (914) 438-9567
Fax: (914) 694-5744
http://www.lbgweb.com

From: Mirta Ghiraldi [mailto:mirtag@amrolabs.com]
Sent: Monday, November 02, 2015 9:47 AM
To: Sean Groszkowski
Subject: Cooler for FYN Paint

Hi Sean,
We received a cooler today for FYN Paint, the temperature was 15 degrees (Ice was melted) do you want us to run the analysis? the cooler was shipped on Friday overnight Saturday delivery wasn't check.

Thanks

Mirta Ghiraldi

AMRO Env. Lab. Corp.
111 Herrick Street
Merrimack, NH 03054
tel.(603)424-2022 fax.(603)429-8496
www.amrolabs.com
mirtag@amrolabs.com

AMRO is a certified DBE/WBE in all New England States, New York, New Jersey and Pennsylvania.
NELAC Accredited
CELEBRATING OVER 25 YEARS OF SERVICE!

Laboratories Corporation

SAMPLE RECEIPT CHECKLIST

111 Herrick Street
Merrimack, NH 03054
(603) 424-2022

Client: LOG IN WITH
Project Name: EXO PATIENT
Ship via: (circle one) Fed Ex, UPS, AMRO Courier,
Hand Del., Other Courier, Other:

AMRO ID: 1511002
Date Rec.: 11-2-15
Date Due: 11-9-15

Items to be Checked Upon Receipt	Yes	No	NA	Comments
1. Army Samples received in individual plastic bags?			✓	
2. Custody Seals present?			✓	
3. Custody Seals Intact?			✓	
4. Air Bill included in folder if received?	✓			
5. Is COC included with samples?	✓			
6. Is COC signed and dated by client?	✓			
7. Laboratory receipt temperature. TEMP = 15°				
Samples rec. with ice___ ice packs___ neither___ ICE MELTED				
8. Were samples received the same day they were sampled?		✓		
Is client temperature = or <6°C ?				
If no obtain authorization from the client for the analyses.				
Client authorization from: Date: Obtained by:				
9. Is the COC filled out correctly and completely?	✓			
10. Does the info on the COC match the samples?	✓			
11. Were samples rec. within holding time?	✓			
12. Were all samples properly labeled?	✓			
13. Were all samples properly preserved?	✓			
14. Were proper sample containers used?	✓			
15. Were all samples received intact? (none broken or leaking)	✓			
16. Were VOA vials rec. with no air bubbles?	✓			
17. Were the sample volumes sufficient for requested analysis?			✓	
18. Were all samples received?	✓			
19. VPH and VOA Soils only:	✓			
Sampling Method VPH (circle one): M=Methanol, E=EnCore (air-tight container)			✓	
Sampling Method VOA (circle one): M=Methanol, SB=Sodium Bisulfate, E=EnCore, B=Bulk, D= DI water				
If M, SB, DI:				
Does preservative cover the soil?				
Does preservation level come close to the fill line on the vial?				
Date/Time DI Preserved vials Frozen on:				
Frozen by Client?				
Were vials provided by AMRO?				
If NO then weights MUST be obtained from client				
Was dry weight aliquot provided?				
If NO then notified client and inform the VOA lab ASAP.				
20. Subcontracted Samples:			✓	
What samples sent:				
Where sent:				
Date:				
Analysis:				
TAT:				
21. Information entered into:				
Internal Tracking Log?	✓			
Dry Weight Log?			✓	
Client Log?			✓	
Composite Log?			✓	
Filtration Log?			✓	

Received By: AG Date: 11-2-15
Labeled By: MNB Date: 11-5-15
Logged In By: AG Date: 11-2-15
Checked By: MNB Date: 11-5-15

NA= Not Applicable

Laboratories Corporation

111 Herrick Street
Merrimack, NH 03054
(603) 424-2022

Please Circle if:
Sample= Soil
Sample= Waste

AMRO ID: 151002

Sample ID	Analysis	Volume Sample	Preserv. Listed	Initial pH*	Acceptable? Y or N	List Preserv. Added by AMRO	Solution ID # of Preserv.	Volume Preservative Added	Final adjusted pH	Final adjusted p (after 16 o 24 hours
01A-Z29A	VOC	2-40ms	HCL	———						

GC/MS VOLATILES- 8260C:

1. A Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were performed on 11/04/15 on V-2 (Batch ID: R56713). All %Rs and RPDs were within the laboratory control limits with the following exception(s):

1.1 The %R for 2 analytes out of 67 analytes in the LCS were outside the control limits.
1.2 The RPD for 1 analyte out of 67 analytes was outside the control limits.

2. A Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were performed on 11/06/15 on V-2 (Batch ID: R56729). All %Rs and RPDs were within the laboratory control limits with the following exception(s):

2.1 The RPD for 1 analyte out of 67 analytes was outside the control limits.

3. A Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were performed on 11/09/15 on V-2 (Batch ID: R56738). All %Rs and RPDs were within the laboratory control limits with the following exception(s):

3.1 The %R for 2 analytes out of 67 analytes in the LCS were outside the control limits.
3.2 The %R for 1 analyte out of 67 analytes in the LCSD was outside the control limits.

4. A Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were performed on 11/10/15 on V-2 (Batch ID: R56752). All %Rs and RPDs were within the laboratory control limits with the following exception(s):

4.1 The %R for 3 analytes out of 67 analytes in the LCS were outside the control limits.
4.2 The %R for 2 analytes out of 67 analytes in the LCSD were outside the control limits.

5. A Matrix Spike (MS) and Matrix Spike Duplicate (MSD) were performed on sample MW-27(1511002-14). All %Rs and RPDs were within the laboratory control limits with the following exception(s):

5.1 The RPD for 1 analytes out of 67 analytes was outside the laboratory control limits.

6.No analytical or quality issues were noted, other than those described above or in the Data Comment page.

DATA COMMENT PAGE

Organic Data Qualifiers

ND	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than the method detection limit.
H	Method prescribed holding time exceeded.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
B	This flag is used when the analyte is found in the associated blank as well as in the sample.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
#	See Case Narrative
Q	RPD between signal 1 and signal 2 >40%.

Micro Data Qualifiers

TNTC	Too numerous to count

Inorganic Data Qualifiers

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J	Indicates a value greater than or equal to the method detection limit, but less than the quantitation limit.
H	Indicates analytical holding time exceedance.
B	Indicates that the analyte is found in the associated blank, as well as in the sample.
MSA	Indicates value determined by the Method of Standard Addition
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
PS	The analyte was below the Reporting Limit but has significant matrix interference as noted by the poor recovery of the Post Digestion Spike.
#	See Case Narrative
*	MCL Exceeded

Report Comments:

1. Soil, sediment and sludge sample results are reported on a "dry weight" basis.
2. Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-01A

Client Sample ID: MW-14
Collection Date: 10/26/2015 2:12:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/4/2015 12:48:00 PM
Chloromethane	ND	5.0		µg/L	1	11/4/2015 12:48:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Chloroethane	ND	5.0		µg/L	1	11/4/2015 12:48:00 PM
Bromomethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/4/2015 12:48:00 PM
Acetone	ND	10		µg/L	1	11/4/2015 12:48:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/4/2015 12:48:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/4/2015 12:48:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
2-Butanone	ND	10		µg/L	1	11/4/2015 12:48:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Chloroform	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/4/2015 12:48:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Benzene	ND	1.0		µg/L	1	11/4/2015 12:48:00 PM
Trichloroethene	2.6	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/4/2015 12:48:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 12:48:00 PM
Toluene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 12:48:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
2-Hexanone	ND	10		µg/L	1	11/4/2015 12:48:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-01A

Client Sample ID: MW-14
Collection Date: 10/26/2015 2:12:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Ethylbenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
m,p-Xylene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
o-Xylene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Styrene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Bromoform	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/4/2015 12:48:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Naphthalene	ND	5.0		µg/L	1	11/4/2015 12:48:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 12:48:00 PM
Surr: Dibromofluoromethane	99.8	69-122		%REC	1	11/4/2015 12:48:00 PM
Surr: 1,2-Dichloroethane-d4	107	69-130		%REC	1	11/4/2015 12:48:00 PM
Surr: Toluene-d8	99.9	69-121		%REC	1	11/4/2015 12:48:00 PM
Surr: 4-Bromofluorobenzene	97.7	62-129		%REC	1	11/4/2015 12:48:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-02A

Client Sample ID: MW-11
Collection Date: 10/26/2015 2:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: **SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/9/2015 11:34:00 AM
Chloromethane	ND	5.0		µg/L	1	11/9/2015 11:34:00 AM
Vinyl chloride	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Chloroethane	ND	5.0		µg/L	1	11/9/2015 11:34:00 AM
Bromomethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Diethyl ether	ND	5.0		µg/L	1	11/9/2015 11:34:00 AM
Acetone	ND	10		µg/L	1	11/9/2015 11:34:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/9/2015 11:34:00 AM
Carbon disulfide	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Methylene chloride	ND	5.0		µg/L	1	11/9/2015 11:34:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
2-Butanone	ND	10		µg/L	1	11/9/2015 11:34:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Chloroform	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Tetrahydrofuran	ND	10		µg/L	1	11/9/2015 11:34:00 AM
Bromochloromethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Benzene	ND	1.0		µg/L	1	11/9/2015 11:34:00 AM
Trichloroethene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Dibromomethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/9/2015 11:34:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 11:34:00 AM
Toluene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 11:34:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
2-Hexanone	ND	10		µg/L	1	11/9/2015 11:34:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-02A

Client Sample ID: MW-11
Collection Date: 10/26/2015 2:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Ethylbenzene	22	2.0		µg/L	1	11/9/2015 11:34:00 AM
m,p-Xylene	47	2.0		µg/L	1	11/9/2015 11:34:00 AM
o-Xylene	36	2.0		µg/L	1	11/9/2015 11:34:00 AM
Styrene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Bromoform	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Bromobenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/9/2015 11:34:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Naphthalene	ND	5.0		µg/L	1	11/9/2015 11:34:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 11:34:00 AM
Surr: Dibromofluoromethane	94.6	68-122		%REC	1	11/9/2015 11:34:00 AM
Surr: 1,2-Dichloroethane-d4	96.9	69-130		%REC	1	11/9/2015 11:34:00 AM
Surr: Toluene-d8	91.4	69-121		%REC	1	11/9/2015 11:34:00 AM
Surr: 4-Bromofluorobenzene	99.8	62-129		%REC	1	11/9/2015 11:34:00 AM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-26
Lab Order:	1511002	**Collection Date:**	10/26/2015 3:20:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-03A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/4/2015 1:23:00 PM
Chloromethane	ND	5.0		µg/L	1	11/4/2015 1:23:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Chloroethane	ND	5.0		µg/L	1	11/4/2015 1:23:00 PM
Bromomethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/4/2015 1:23:00 PM
Acetone	ND	10		µg/L	1	11/4/2015 1:23:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/4/2015 1:23:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/4/2015 1:23:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
2-Butanone	ND	10		µg/L	1	11/4/2015 1:23:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Chloroform	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/4/2015 1:23:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Benzene	ND	1.0		µg/L	1	11/4/2015 1:23:00 PM
Trichloroethene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/4/2015 1:23:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 1:23:00 PM
Toluene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 1:23:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
2-Hexanone	ND	10		µg/L	1	11/4/2015 1:23:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Tetrachloroethene	2.4	2.0		µg/L	1	11/4/2015 1:23:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-03A

Client Sample ID: MW-26
Collection Date: 10/26/2015 3:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Ethylbenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
m,p-Xylene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
o-Xylene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Styrene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Bromoform	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/4/2015 1:23:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Naphthalene	ND	5.0		µg/L	1	11/4/2015 1:23:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:23:00 PM
Surr: Dibromofluoromethane	98.4	68-122		%REC	1	11/4/2015 1:23:00 PM
Surr: 1,2-Dichloroethane-d4	107	69-130		%REC	1	11/4/2015 1:23:00 PM
Surr: Toluene-d8	98.2	69-121		%REC	1	11/4/2015 1:23:00 PM
Surr: 4-Bromofluorobenzene	96.4	62-129		%REC	1	11/4/2015 1:23:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-12
Lab Order:	1511002	**Collection Date:**	10/26/2015 12:05:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-04A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: **SK**
Dichlorodifluoromethane	ND	500		µg/L	100	11/6/2015 2:16:00 PM
Chloromethane	ND	500		µg/L	100	11/6/2015 2:16:00 PM
Vinyl chloride	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Chloroethane	ND	500		µg/L	100	11/6/2015 2:16:00 PM
Bromomethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Trichlorofluoromethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Diethyl ether	ND	500		µg/L	100	11/6/2015 2:16:00 PM
Acetone	ND	1,000		µg/L	100	11/6/2015 2:16:00 PM
1,1-Dichloroethene	ND	100		µg/L	100	11/6/2015 2:16:00 PM
Carbon disulfide	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Methylene chloride	ND	500		µg/L	100	11/6/2015 2:16:00 PM
Methyl tert-butyl ether	ND	200		µg/L	100	11/6/2015 2:16:00 PM
trans-1,2-Dichloroethene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,1-Dichloroethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
2-Butanone	ND	1,000		µg/L	100	11/6/2015 2:16:00 PM
2,2-Dichloropropane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
cis-1,2-Dichloroethene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Chloroform	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Tetrahydrofuran	ND	1,000		µg/L	100	11/6/2015 2:16:00 PM
Bromochloromethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,1,1-Trichloroethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,1-Dichloropropene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Carbon tetrachloride	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,2-Dichloroethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Benzene	ND	100		µg/L	100	11/6/2015 2:16:00 PM
Trichloroethene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,2-Dichloropropane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Bromodichloromethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Dibromomethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
4-Methyl-2-pentanone	ND	1,000		µg/L	100	11/6/2015 2:16:00 PM
cis-1,3-Dichloropropene	ND	100		µg/L	100	11/6/2015 2:16:00 PM
Toluene	1,200	200		µg/L	100	11/6/2015 2:16:00 PM
trans-1,3-Dichloropropene	ND	100		µg/L	100	11/6/2015 2:16:00 PM
1,1,2-Trichloroethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,2-Dibromoethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
2-Hexanone	ND	1,000		µg/L	100	11/6/2015 2:16:00 PM
1,3-Dichloropropane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Tetrachloroethene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Dibromochloromethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-04A

Client Sample ID: MW-12
Collection Date: 10/26/2015 12:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,1,1,2-Tetrachloroethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Ethylbenzene	4,300	200		µg/L	100	11/6/2015 2:16:00 PM
m,p-Xylene	19,000	200		µg/L	100	11/6/2015 2:16:00 PM
o-Xylene	1,800	200		µg/L	100	11/6/2015 2:16:00 PM
Styrene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Bromoform	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Isopropylbenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,1,2,2-Tetrachloroethane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,2,3-Trichloropropane	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Bromobenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
n-Propylbenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
2-Chlorotoluene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
4-Chlorotoluene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,3,5-Trimethylbenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
tert-Butylbenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,2,4-Trimethylbenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
sec-Butylbenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
4-Isopropyltoluene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,3-Dichlorobenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,4-Dichlorobenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
n-Butylbenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,2-Dichlorobenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
1,2-Dibromo-3-chloropropane	ND	500		µg/L	100	11/6/2015 2:16:00 PM
1,2,4-Trichlorobenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Hexachlorobutadiene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Naphthalene	ND	500		µg/L	100	11/6/2015 2:16:00 PM
1,2,3-Trichlorobenzene	ND	200		µg/L	100	11/6/2015 2:16:00 PM
Surr: Dibromofluoromethane	105	68-122		%REC	100	11/6/2015 2:16:00 PM
Surr: 1,2-Dichloroethane-d4	107	69-130		%REC	100	11/6/2015 2:16:00 PM
Surr: Toluene-d8	101	69-121		%REC	100	11/6/2015 2:16:00 PM
Surr: 4-Bromofluorobenzene	94.9	62-129		%REC	100	11/6/2015 2:16:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-05A

Client Sample ID: MW-2
Collection Date: 10/26/2015 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS	**SW8260C**					**Analyst: SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/4/2015 1:59:00 PM
Chloromethane	ND	5.0		µg/L	1	11/4/2015 1:59:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Chloroethane	ND	5.0		µg/L	1	11/4/2015 1:59:00 PM
Bromomethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/4/2015 1:59:00 PM
Acetone	ND	10		µg/L	1	11/4/2015 1:59:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/4/2015 1:59:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/4/2015 1:59:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
2-Butanone	ND	10		µg/L	1	11/4/2015 1:59:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Chloroform	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/4/2015 1:59:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Benzene	ND	1.0		µg/L	1	11/4/2015 1:59:00 PM
Trichloroethene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/4/2015 1:59:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 1:59:00 PM
Toluene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 1:59:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
2-Hexanone	ND	10		µg/L	1	11/4/2015 1:59:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-05A

Client Sample ID: MW-2
Collection Date: 10/26/2015 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Ethylbenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
m,p-Xylene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
o-Xylene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Styrene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Bromoform	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/4/2015 1:59:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/4/2015 1:59.00 PM
Naphthalene	ND	5.0		µg/L	1	11/4/2015 1:59:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 1:59:00 PM
Surr: Dibromofluoromethane	98.2	68-122		%REC	1	11/4/2015 1:59:00 PM
Surr: 1,2-Dichloroethane-d4	106	69-130		%REC	1	11/4/2015 1:59:00 PM
Surr: Toluene-d8	99.5	69-121		%REC	1	11/4/2015 1.59:00 PM
Surr: 4-Bromofluorobenzene	102	62-129		%REC	1	11/4/2015 1:59:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-06A

Client Sample ID: MW-4
Collection Date: 10/26/2015 1:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS	**SW8260C**					**Analyst: SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/4/2015 2:34:00 PM
Chloromethane	ND	5.0		µg/L	1	11/4/2015 2:34:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Chloroethane	ND	5.0		µg/L	1	11/4/2015 2:34:00 PM
Bromomethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/4/2015 2:34:00 PM
Acetone	ND	10		µg/L	1	11/4/2015 2:34:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/4/2015 2:34:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/4/2015 2:34:00 PM
Methyl tert-butyl ether	3.4	2.0		µg/L	1	11/4/2015 2:34:00 PM
trans-1,2-Dichloroethene	3.1	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,1-Dichloroethane	4.3	2.0		µg/L	1	11/4/2015 2:34:00 PM
2-Butanone	ND	10		µg/L	1	11/4/2015 2:34:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
cis-1,2-Dichloroethene	10	2.0		µg/L	1	11/4/2015 2:34:00 PM
Chloroform	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/4/2015 2:34:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Benzene	ND	1.0		µg/L	1	11/4/2015 2:34:00 PM
Trichloroethene	11	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/4/2015 2:34:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 2:34:00 PM
Toluene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 2:34:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
2-Hexanone	ND	10		µg/L	1	11/4/2015 2:34:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-06A

Client Sample ID: MW-4
Collection Date: 10/26/2015 1:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	4.9	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Ethylbenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
m,p-Xylene	3.2	2.0		µg/L	1	11/4/2015 2:34:00 PM
o-Xylene	3.0	2.0		µg/L	1	11/4/2015 2:34:00 PM
Styrene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Bromoform	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,2-Dichlorobenzene	3.5	2.0		µg/L	1	11/4/2015 2:34:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/4/2015 2:34:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Naphthalene	ND	5.0		µg/L	1	11/4/2015 2:34:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 2:34:00 PM
Surr: Dibromofluoromethane	101	68-122		%REC	1	11/4/2015 2:34:00 PM
Surr: 1,2-Dichloroethane-d4	106	69-130		%REC	1	11/4/2015 2:34:00 PM
Surr: Toluene-d8	104	69-121		%REC	1	11/4/2015 2:34:00 PM
Surr: 4-Bromofluorobenzene	98.5	62-129		%REC	1	11/4/2015 2:34:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-07A

Client Sample ID: MW-8
Collection Date: 10/26/2015 2:58:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/4/2015 3:09:00 PM
Chloromethane	ND	5.0		µg/L	1	11/4/2015 3:09:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Chloroethane	ND	5.0		µg/L	1	11/4/2015 3:09:00 PM
Bromomethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/4/2015 3:09:00 PM
Acetone	ND	10		µg/L	1	11/4/2015 3:09:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/4/2015 3:09:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/4/2015 3:09:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
2-Butanone	ND	10		µg/L	1	11/4/2015 3:09:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Chloroform	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/4/2015 3:09:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Benzene	ND	1.0		µg/L	1	11/4/2015 3:09:00 PM
Trichloroethene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/4/2015 3:09:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 3:09:00 PM
Toluene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 3:09:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
2-Hexanone	ND	10		µg/L	1	11/4/2015 3:09:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-07A

Client Sample ID: MW-8
Collection Date: 10/26/2015 2:58:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Ethylbenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
m,p-Xylene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
o-Xylene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Styrene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Bromoform	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/4/2015 3:09:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Naphthalene	ND	5.0		µg/L	1	11/4/2015 3:09:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:09:00 PM
Surr: Dibromofluoromethane	91.7	68-122		%REC	1	11/4/2015 3:09:00 PM
Surr: 1,2-Dichloroethane-d4	98.8	69-130		%REC	1	11/4/2015 3:09:00 PM
Surr: Toluene-d8	93.5	69-121		%REC	1	11/4/2015 3:09:00 PM
Surr: 4-Bromofluorobenzene	96.2	62-129		%REC	1	11/4/2015 3:09:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-10
Lab Order:	1511002	**Collection Date:**	10/26/2015 11:13:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-08A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS	**SW8260C**					**Analyst: SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/4/2015 3:45:00 PM
Chloromethane	ND	5.0		µg/L	1	11/4/2015 3:45:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Chloroethane	ND	5.0		µg/L	1	11/4/2015 3:45:00 PM
Bromomethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/4/2015 3:45:00 PM
Acetone	ND	10		µg/L	1	11/4/2015 3:45:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/4/2015 3:45:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/4/2015 3:45:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
2-Butanone	ND	10		µg/L	1	11/4/2015 3:45:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
cis-1,2-Dichloroethene	2.7	2.0		µg/L	1	11/4/2015 3:45:00 PM
Chloroform	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/4/2015 3:45:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Benzene	ND	1.0		µg/L	1	11/4/2015 3:45:00 PM
Trichloroethene	4.4	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/4/2015 3:45:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 3:45:00 PM
Toluene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 3:45:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
2-Hexanone	ND	10		µg/L	1	11/4/2015 3:45:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-08A

Client Sample ID: MW-10
Collection Date: 10/26/2015 11:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Ethylbenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
m,p-Xylene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
o-Xylene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Styrene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Bromoform	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/4/2015 3:45:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Naphthalene	ND	5.0		µg/L	1	11/4/2015 3:45:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 3:45:00 PM
Surr: Dibromofluoromethane	99.8	68-122		%REC	1	11/4/2015 3:45:00 PM
Surr: 1,2-Dichloroethane-d4	105	69-130		%REC	1	11/4/2015 3:45:00 PM
Surr: Toluene-d8	101	69-121		%REC	1	11/4/2015 3:45:00 PM
Surr: 4-Bromofluorobenzene	99.6	62-129		%REC	1	11/4/2015 3:45:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-09A

Client Sample ID: MW-5
Collection Date: 10/26/2015 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS	**SW8260C**					**Analyst: SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/4/2015 5:45:00 PM
Chloromethane	ND	5.0		µg/L	1	11/4/2015 5:45:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Chloroethane	ND	5.0		µg/L	1	11/4/2015 5:45:00 PM
Bromomethane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/4/2015 5:45:00 PM
Acetone	ND	10		µg/L	1	11/4/2015 5:45:00 PM
1,1-Dichloroethene	6.1	1.0		µg/L	1	11/4/2015 5:45:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/4/2015 5:45:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,1-Dichloroethane	2.7	2.0		µg/L	1	11/4/2015 5:45:00 PM
2-Butanone	ND	10		µg/L	1	11/4/2015 5:45:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
cis-1,2-Dichloroethene	2.4	2.0		µg/L	1	11/4/2015 5:45:00 PM
Chloroform	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/4/2015 5:45:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,1,1-Trichloroethane	2.6	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Benzene	ND	1.0		µg/L	1	11/4/2015 5:45:00 PM
Trichloroethene	3.5	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/4/2015 5:45:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 5:45:00 PM
Toluene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/4/2015 5:45:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
2-Hexanone	ND	10		µg/L	1	11/4/2015 5:45:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Tetrachloroethene	17	2.0		µg/L	1	11/4/2015 5:45:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-5
Lab Order:	1511002	**Collection Date:**	10/26/2015 11:40:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-09A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Ethylbenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
m,p-Xylene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
o-Xylene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Styrene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Bromoform	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/4/2015 5:45:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Naphthalene	ND	5.0		µg/L	1	11/4/2015 5:45:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/4/2015 5:45:00 PM
Surr: Dibromofluoromethane	102	68-122		%REC	1	11/4/2015 5:45:00 PM
Surr: 1,2-Dichloroethane-d4	110	69-130		%REC	1	11/4/2015 5:45:00 PM
Surr: Toluene-d8	97.8	69-121		%REC	1	11/4/2015 5:45:00 PM
Surr: 4-Bromofluorobenzene	101	62-129		%REC	1	11/4/2015 5:45:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-10A

Client Sample ID: MW-1
Collection Date: 10/26/2015 10:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS	**SW8260C**					**Analyst: SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/9/2015 12:09:00 PM
Chloromethane	ND	5.0		µg/L	1	11/9/2015 12:09:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Chloroethane	ND	5.0		µg/L	1	11/9/2015 12:09:00 PM
Bromomethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/9/2015 12:09:00 PM
Acetone	ND	10		µg/L	1	11/9/2015 12:09:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/9/2015 12:09:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/9/2015 12:09:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
2-Butanone	ND	10		µg/L	1	11/9/2015 12:09:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Chloroform	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/9/2015 12:09:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Benzene	ND	1.0		µg/L	1	11/9/2015 12:09:00 PM
Trichloroethene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/9/2015 12:09:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 12:09:00 PM
Toluene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 12:09:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
2-Hexanone	ND	10		µg/L	1	11/9/2015 12:09:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-1
Lab Order:	1511002	**Collection Date:**	10/26/2015 10:40:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-10A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Ethylbenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
m,p-Xylene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
o-Xylene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Styrene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Bromoform	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/9/2015 12:09:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Naphthalene	ND	5.0		µg/L	1	11/9/2015 12:09:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:09:00 PM
Surr: Dibromofluoromethane	95.8	68-122		%REC	1	11/9/2015 12:09:00 PM
Surr: 1,2-Dichloroethane-d4	97.6	69-130		%REC	1	11/9/2015 12:09:00 PM
Surr: Toluene-d8	86.5	69-121		%REC	1	11/9/2015 12:09:00 PM
Surr: 4-Bromofluorobenzene	99.1	62-129		%REC	1	11/9/2015 12:09:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-20
Lab Order:	1511002	**Collection Date:**	10/26/2015 12:45:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-11A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/9/2015 12:44:00 PM
Chloromethane	ND	5.0		µg/L	1	11/9/2015 12:44:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Chloroethane	ND	5.0		µg/L	1	11/9/2015 12:44:00 PM
Bromomethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/9/2015 12:44:00 PM
Acetone	ND	10		µg/L	1	11/9/2015 12:44:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/9/2015 12:44:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/9/2015 12:44:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
2-Butanone	ND	10		µg/L	1	11/9/2015 12:44:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Chloroform	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/9/2015 12:44:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Benzene	ND	1.0		µg/L	1	11/9/2015 12:44:00 PM
Trichloroethene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/9/2015 12:44:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 12:44:00 PM
Toluene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 12:44:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
2-Hexanone	ND	10		µg/L	1	11/9/2015 12:44:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-11A

Client Sample ID: MW-20
Collection Date: 10/26/2015 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Ethylbenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
m,p-Xylene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
o-Xylene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Styrene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Bromoform	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/9/2015 12:44:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Naphthalene	ND	5.0		µg/L	1	11/9/2015 12:44:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 12:44:00 PM
Surr: Dibromofluoromethane	96.0	68-122		%REC	1	11/9/2015 12:44:00 PM
Surr: 1,2-Dichloroethane-d4	97.8	69-130		%REC	1	11/9/2015 12:44:00 PM
Surr: Toluene-d8	90.6	69-121		%REC	1	11/9/2015 12:44:00 PM
Surr: 4-Bromofluorobenzene	96.4	62-129		%REC	1	11/9/2015 12:44:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-29
Lab Order:	1511002	**Collection Date:**	10/27/2015 2:00:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-12A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: **SK**
Dichlorodifluoromethane	ND	5,000		µg/L	1000	11/6/2015 5:48:00 PM
Chloromethane	ND	5,000		µg/L	1000	11/6/2015 5:48:00 PM
Vinyl chloride	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Chloroethane	ND	5,000		µg/L	1000	11/6/2015 5:48:00 PM
Bromomethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Trichlorofluoromethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Diethyl ether	ND	5,000		µg/L	1000	11/6/2015 5:48:00 PM
Acetone	35,000	10,000		µg/L	1000	11/6/2015 5:48:00 PM
1,1-Dichloroethene	ND	1,000		µg/L	1000	11/6/2015 5:48:00 PM
Carbon disulfide	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Methylene chloride	ND	5,000		µg/L	1000	11/6/2015 5:48:00 PM
Methyl tert-butyl ether	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
trans-1,2-Dichloroethene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,1-Dichloroethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
2-Butanone	ND	10,000		µg/L	1000	11/6/2015 5:48:00 PM
2,2-Dichloropropane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
cis-1,2-Dichloroethene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Chloroform	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Tetrahydrofuran	ND	10,000		µg/L	1000	11/6/2015 5:48:00 PM
Bromochloromethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,1,1-Trichloroethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,1-Dichloropropene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Carbon tetrachloride	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,2-Dichloroethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Benzene	ND	1,000		µg/L	1000	11/6/2015 5:48:00 PM
Trichloroethene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,2-Dichloropropane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Bromodichloromethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Dibromomethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
4-Methyl-2-pentanone	ND	10,000		µg/L	1000	11/6/2015 5:48:00 PM
cis-1,3-Dichloropropene	ND	1,000		µg/L	1000	11/6/2015 5:48:00 PM
Toluene	150,000	2,000		µg/L	1000	11/6/2015 5:48:00 PM
trans-1,3-Dichloropropene	ND	1,000		µg/L	1000	11/6/2015 5:48:00 PM
1,1,2-Trichloroethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,2-Dibromoethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
2-Hexanone	ND	10,000		µg/L	1000	11/6/2015 5:48:00 PM
1,3-Dichloropropane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Tetrachloroethene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Dibromochloromethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-12A

Client Sample ID: MW-29
Collection Date: 10/27/2015 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,1,1,2-Tetrachloroethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Ethylbenzene	18,000	2,000		µg/L	1000	11/6/2015 5:48:00 PM
m,p-Xylene	79,000	2,000		µg/L	1000	11/6/2015 5:48:00 PM
o-Xylene	26,000	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Styrene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Bromoform	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Isopropylbenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,1,2,2-Tetrachloroethane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,2,3-Trichloropropane	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Bromobenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
n-Propylbenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
2-Chlorotoluene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
4-Chlorotoluene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,3,5-Trimethylbenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
tert-Butylbenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,2,4-Trimethylbenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
sec-Butylbenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
4-Isopropyltoluene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,3-Dichlorobenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,4-Dichlorobenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
n-Butylbenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,2-Dichlorobenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
1,2-Dibromo-3-chloropropane	ND	5,000		µg/L	1000	11/6/2015 5:48:00 PM
1,2,4-Trichlorobenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Hexachlorobutadiene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Naphthalene	ND	5,000		µg/L	1000	11/6/2015 5:48:00 PM
1,2,3-Trichlorobenzene	ND	2,000		µg/L	1000	11/6/2015 5:48:00 PM
Surr: Dibromofluoromethane	96.3	68-122		%REC	1000	11/6/2015 5:48:00 PM
Surr: 1,2-Dichloroethane-d4	107	69-130		%REC	1000	11/6/2015 5:48:00 PM
Surr: Toluene-d8	99.2	69-121		%REC	1000	11/6/2015 5:48:00 PM
Surr: 4-Bromofluorobenzene	102	62-129		%REC	1000	11/6/2015 5:48:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-13A

Client Sample ID: MW-24
Collection Date: 10/27/2015 10:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS	**SW8260C**					**Analyst: SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/9/2015 2:29:00 PM
Chloromethane	ND	5.0		µg/L	1	11/9/2015 2:29:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Chloroethane	ND	5.0		µg/L	1	11/9/2015 2:29:00 PM
Bromomethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/9/2015 2:29:00 PM
Acetone	ND	10		µg/L	1	11/9/2015 2:29:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/9/2015 2:29:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/9/2015 2:29:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
2-Butanone	ND	10		µg/L	1	11/9/2015 2:29:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Chloroform	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/9/2015 2:29:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Benzene	ND	1.0		µg/L	1	11/9/2015 2:29:00 PM
Trichloroethene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/9/2015 2:29:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 2:29:00 PM
Toluene	19	2.0		µg/L	1	11/9/2015 2:29:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 2:29:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
2-Hexanone	ND	10		µg/L	1	11/9/2015 2:29:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-24
Lab Order:	1511002	**Collection Date:**	10/27/2015 10:48:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-13A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Ethylbenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
m,p-Xylene	3.1	2.0		µg/L	1	11/9/2015 2:29:00 PM
o-Xylene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Styrene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Bromoform	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/9/2015 2:29:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Naphthalene	ND	5.0		µg/L	1	11/9/2015 2:29:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 2:29:00 PM
Surr: Dibromofluoromethane	98.8	68-122		%REC	1	11/9/2015 2:29:00 PM
Surr: 1,2-Dichloroethane-d4	102	69-130		%REC	1	11/9/2015 2:29:00 PM
Surr: Toluene-d8	99.6	69-121		%REC	1	11/9/2015 2:29:00 PM
Surr: 4-Bromofluorobenzene	99.9	62-129		%REC	1	11/9/2015 2:29:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-27
Lab Order:	1511002	**Collection Date:**	10/27/2015 2:44:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-14A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/6/2015 10:44:00 AM
Chloromethane	ND	5.0		µg/L	1	11/6/2015 10:44:00 AM
Vinyl chloride	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Chloroethane	ND	5.0		µg/L	1	11/6/2015 10:44:00 AM
Bromomethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Diethyl ether	ND	5.0		µg/L	1	11/6/2015 10:44:00 AM
Acetone	ND	10		µg/L	1	11/6/2015 10:44:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/6/2015 10:44:00 AM
Carbon disulfide	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Methylene chloride	ND	5.0		µg/L	1	11/6/2015 10:44:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
2-Butanone	ND	10		µg/L	1	11/6/2015 10:44:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Chloroform	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Tetrahydrofuran	ND	10		µg/L	1	11/6/2015 10:44:00 AM
Bromochloromethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Benzene	ND	1.0		µg/L	1	11/6/2015 10:44:00 AM
Trichloroethene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Dibromomethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/6/2015 10:44:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/6/2015 10:44:00 AM
Toluene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/6/2015 10:44:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
2-Hexanone	ND	10		µg/L	1	11/6/2015 10:44:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-14A

Client Sample ID: MW-27
Collection Date: 10/27/2015 2:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Ethylbenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
m,p-Xylene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
o-Xylene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Styrene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Bromoform	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Bromobenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/6/2015 10:44:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Naphthalene	ND	5.0		µg/L	1	11/6/2015 10:44:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/6/2015 10:44:00 AM
Surr: Dibromofluoromethane	100	68-122		%REC	1	11/6/2015 10:44:00 AM
Surr: 1,2-Dichloroethane-d4	104	69-130		%REC	1	11/6/2015 10:44:00 AM
Surr: Toluene-d8	97.7	69-121		%REC	1	11/6/2015 10:44:00 AM
Surr: 4-Bromofluorobenzene	95.2	62-129		%REC	1	11/6/2015 10:44:00 AM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-13
Lab Order:	1511002	**Collection Date:**	10/27/2015 11:15:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-15A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				**Analyst: SK**
Dichlorodifluoromethane	ND	500		µg/L	100	11/9/2015 4:13:00 PM
Chloromethane	ND	500		µg/L	100	11/9/2015 4:13:00 PM
Vinyl chloride	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Chloroethane	ND	500		µg/L	100	11/9/2015 4:13:00 PM
Bromomethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Trichlorofluoromethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Diethyl ether	ND	500		µg/L	100	11/9/2015 4:13:00 PM
Acetone	ND	1,000		µg/L	100	11/9/2015 4:13:00 PM
1,1-Dichloroethene	ND	100		µg/L	100	11/9/2015 4:13:00 PM
Carbon disulfide	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Methylene chloride	ND	500		µg/L	100	11/9/2015 4:13:00 PM
Methyl tert-butyl ether	ND	200		µg/L	100	11/9/2015 4:13:00 PM
trans-1,2-Dichloroethene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,1-Dichloroethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
2-Butanone	ND	1,000		µg/L	100	11/9/2015 4:13:00 PM
2,2-Dichloropropane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
cis-1,2-Dichloroethene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Chloroform	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Tetrahydrofuran	ND	1,000		µg/L	100	11/9/2015 4:13:00 PM
Bromochloromethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,1,1-Trichloroethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,1-Dichloropropene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Carbon tetrachloride	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,2-Dichloroethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Benzene	380	100		µg/L	100	11/9/2015 4:13:00 PM
Trichloroethene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,2-Dichloropropane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Bromodichloromethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Dibromomethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
4-Methyl-2-pentanone	ND	1,000		µg/L	100	11/9/2015 4:13:00 PM
cis-1,3-Dichloropropene	ND	100		µg/L	100	11/9/2015 4:13:00 PM
Toluene	370,000	4,000		µg/L	2000	11/10/2015 3:27:00 PM
trans-1,3-Dichloropropene	ND	100		µg/L	100	11/9/2015 4:13:00 PM
1,1,2-Trichloroethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,2-Dibromoethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
2-Hexanone	ND	1,000		µg/L	100	11/9/2015 4:13:00 PM
1,3-Dichloropropane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Tetrachloroethene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Dibromochloromethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-15A

Client Sample ID: MW-13
Collection Date: 10/27/2015 11:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,1,1,2-Tetrachloroethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Ethylbenzene	6,800	200		µg/L	100	11/9/2015 4:13:00 PM
m,p-Xylene	26,000	200		µg/L	100	11/9/2015 4:13:00 PM
o-Xylene	8,400	200		µg/L	100	11/9/2015 4:13:00 PM
Styrene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Bromoform	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Isopropylbenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,1,2,2-Tetrachloroethane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,2,3-Trichloropropane	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Bromobenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
n-Propylbenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
2-Chlorotoluene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
4-Chlorotoluene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,3,5-Trimethylbenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
tert-Butylbenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,2,4-Trimethylbenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
sec-Butylbenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
4-Isopropyltoluene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,3-Dichlorobenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,4-Dichlorobenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
n-Butylbenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,2-Dichlorobenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
1,2-Dibromo-3-chloropropane	ND	500		µg/L	100	11/9/2015 4:13:00 PM
1,2,4-Trichlorobenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Hexachlorobutadiene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Naphthalene	ND	500		µg/L	100	11/9/2015 4:13:00 PM
1,2,3-Trichlorobenzene	ND	200		µg/L	100	11/9/2015 4:13:00 PM
Surr: Dibromofluoromethane	110	68-122		%REC	100	11/9/2015 4:13:00 PM
Surr: 1,2-Dichloroethane-d4	125	69-130		%REC	100	11/9/2015 4:13:00 PM
Surr: Toluene-d8	97.7	69-121		%REC	100	11/9/2015 4:13:00 PM
Surr: 4-Bromofluorobenzene	99.6	62-129		%REC	100	11/9/2015 4:13:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-6
Lab Order:	1511002	**Collection Date:**	10/27/2015 10:10:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-16A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: **SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/6/2015 11:20:00 AM
Chloromethane	ND	5.0		µg/L	1	11/6/2015 11:20:00 AM
Vinyl chloride	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Chloroethane	ND	5.0		µg/L	1	11/6/2015 11:20:00 AM
Bromomethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Diethyl ether	ND	5.0		µg/L	1	11/6/2015 11:20:00 AM
Acetone	ND	10		µg/L	1	11/6/2015 11:20:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/6/2015 11:20:00 AM
Carbon disulfide	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Methylene chloride	ND	5.0		µg/L	1	11/6/2015 11:20:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,1-Dichloroethane	6.0	2.0		µg/L	1	11/6/2015 11:20:00 AM
2-Butanone	ND	10		µg/L	1	11/6/2015 11:20:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Chloroform	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Tetrahydrofuran	ND	10		µg/L	1	11/6/2015 11:20:00 AM
Bromochloromethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Benzene	ND	1.0		µg/L	1	11/6/2015 11:20:00 AM
Trichloroethene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Dibromomethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/6/2015 11:20:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/6/2015 11:20:00 AM
Toluene	15	2.0		µg/L	1	11/6/2015 11:20:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/6/2015 11:20:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
2-Hexanone	ND	10		µg/L	1	11/6/2015 11:20:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-6
Lab Order:	1511002	**Collection Date:**	10/27/2015 10:10:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-16A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Ethylbenzene	4.2	2.0		µg/L	1	11/6/2015 11:20:00 AM
m,p-Xylene	26	2.0		µg/L	1	11/6/2015 11:20:00 AM
o-Xylene	9.3	2.0		µg/L	1	11/6/2015 11:20:00 AM
Styrene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Bromoform	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Bromobenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/6/2015 11:20:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Naphthalene	ND	5.0		µg/L	1	11/6/2015 11:20:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:20:00 AM
Surr: Dibromofluoromethane	101	68-122		%REC	1	11/6/2015 11:20:00 AM
Surr: 1,2-Dichloroethane-d4	106	69-130		%REC	1	11/6/2015 11:20:00 AM
Surr: Toluene-d8	101	69-121		%REC	1	11/6/2015 11:20:00 AM
Surr: 4-Bromofluorobenzene	96.6	62-129		%REC	1	11/6/2015 11:20:00 AM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-7
Lab Order:	1511002	**Collection Date:**	10/27/2015 9:20:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-17A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				**Analyst: SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/6/2015 11:55:00 AM
Chloromethane	ND	5.0		µg/L	1	11/6/2015 11:55:00 AM
Vinyl chloride	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Chloroethane	ND	5.0		µg/L	1	11/6/2015 11:55:00 AM
Bromomethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Diethyl ether	ND	5.0		µg/L	1	11/6/2015 11:55:00 AM
Acetone	ND	10		µg/L	1	11/6/2015 11:55:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/6/2015 11:55:00 AM
Carbon disulfide	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Methylene chloride	ND	5.0		µg/L	1	11/6/2015 11:55:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,1-Dichloroethane	11	2.0		µg/L	1	11/6/2015 11:55:00 AM
2-Butanone	ND	10		µg/L	1	11/6/2015 11:55:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Chloroform	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Tetrahydrofuran	ND	10		µg/L	1	11/6/2015 11:55:00 AM
Bromochloromethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Benzene	ND	1.0		µg/L	1	11/6/2015 11:55:00 AM
Trichloroethene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Dibromomethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/6/2015 11:55:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/6/2015 11:55:00 AM
Toluene	6.4	2.0		µg/L	1	11/6/2015 11:55:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/6/2015 11:55:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
2-Hexanone	ND	10		µg/L	1	11/6/2015 11:55:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-17A

Client Sample ID: MW-7
Collection Date: 10/27/2015 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Ethylbenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
m,p-Xylene	7.4	2.0		µg/L	1	11/6/2015 11:55:00 AM
o-Xylene	2.2	2.0		µg/L	1	11/6/2015 11:55:00 AM
Styrene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Bromoform	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Bromobenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/6/2015 11:55:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Naphthalene	ND	5.0		µg/L	1	11/6/2015 11:55:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/6/2015 11:55:00 AM
Surr: Dibromofluoromethane	95.7	68-122		%REC	1	11/6/2015 11:55:00 AM
Surr: 1,2-Dichloroethane-d4	101	69-130		%REC	1	11/6/2015 11:55:00 AM
Surr: Toluene-d8	97.4	69-121		%REC	1	11/6/2015 11:55:00 AM
Surr: 4-Bromofluorobenzene	94.0	62-129		%REC	1	11/6/2015 11:55:00 AM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	EW-1
Lab Order:	1511002	**Collection Date:**	10/27/2015 2:15:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-18A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: **SK**
Dichlorodifluoromethane	ND	500		µg/L	100	11/10/2015 1:41:00 PM
Chloromethane	ND	500		µg/L	100	11/10/2015 1:41:00 PM
Vinyl chloride	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Chloroethane	ND	500		µg/L	100	11/10/2015 1:41:00 PM
Bromomethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Trichlorofluoromethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Diethyl ether	ND	500		µg/L	100	11/10/2015 1:41:00 PM
Acetone	ND	1,000		µg/L	100	11/10/2015 1:41:00 PM
1,1-Dichloroethene	ND	100		µg/L	100	11/10/2015 1:41:00 PM
Carbon disulfide	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Methylene chloride	ND	500		µg/L	100	11/10/2015 1:41:00 PM
Methyl tert-butyl ether	ND	200		µg/L	100	11/10/2015 1:41:00 PM
trans-1,2-Dichloroethene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,1-Dichloroethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
2-Butanone	ND	1,000		µg/L	100	11/10/2015 1:41:00 PM
2,2-Dichloropropane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
cis-1,2-Dichloroethene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Chloroform	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Tetrahydrofuran	ND	1,000		µg/L	100	11/10/2015 1:41:00 PM
Bromochloromethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,1,1-Trichloroethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,1-Dichloropropene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Carbon tetrachloride	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,2-Dichloroethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Benzene	ND	100		µg/L	100	11/10/2015 1:41:00 PM
Trichloroethene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,2-Dichloropropane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Bromodichloromethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Dibromomethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
4-Methyl-2-pentanone	ND	1,000		µg/L	100	11/10/2015 1:41:00 PM
cis-1,3-Dichloropropene	ND	100		µg/L	100	11/10/2015 1:41:00 PM
Toluene	11,000	200		µg/L	100	11/10/2015 1:41:00 PM
trans-1,3-Dichloropropene	ND	100		µg/L	100	11/10/2015 1:41:00 PM
1,1,2-Trichloroethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,2-Dibromoethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
2-Hexanone	ND	1,000		µg/L	100	11/10/2015 1:41:00 PM
1,3-Dichloropropane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Tetrachloroethene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Dibromochloromethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-18A

Client Sample ID: EW-1
Collection Date: 10/27/2015 2:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,1,1,2-Tetrachloroethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Ethylbenzene	4,300	200		µg/L	100	11/10/2015 1:41:00 PM
m,p-Xylene	16,000	200		µg/L	100	11/10/2015 1:41:00 PM
o-Xylene	4,900	200		µg/L	100	11/10/2015 1:41:00 PM
Styrene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Bromoform	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Isopropylbenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,1,2,2-Tetrachloroethane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,2,3-Trichloropropane	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Bromobenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
n-Propylbenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
2-Chlorotoluene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
4-Chlorotoluene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,3,5-Trimethylbenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
tert-Butylbenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,2,4-Trimethylbenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
sec-Butylbenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
4-Isopropyltoluene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,3-Dichlorobenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,4-Dichlorobenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
n-Butylbenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,2-Dichlorobenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
1,2-Dibromo-3-chloropropane	ND	500		µg/L	100	11/10/2015 1:41:00 PM
1,2,4-Trichlorobenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Hexachlorobutadiene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Naphthalene	ND	500		µg/L	100	11/10/2015 1:41:00 PM
1,2,3-Trichlorobenzene	ND	200		µg/L	100	11/10/2015 1:41:00 PM
Surr: Dibromofluoromethane	99.0	68-122		%REC	100	11/10/2015 1:41:00 PM
Surr: 1,2-Dichloroethane-d4	112	69-130		%REC	100	11/10/2015 1:41:00 PM
Surr: Toluene-d8	102	69-121		%REC	100	11/10/2015 1:41:00 PM
Surr: 4-Bromofluorobenzene	94.2	62-129		%REC	100	11/10/2015 1:41:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-9A
Lab Order:	1511002	**Collection Date:**	10/27/2015 8:54:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-19A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				**Analyst: SK**
Dichlorodifluoromethane	ND	5,000		µg/L	1000	11/9/2015 3:04:00 PM
Chloromethane	ND	5,000		µg/L	1000	11/9/2015 3:04:00 PM
Vinyl chloride	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Chloroethane	ND	5,000		µg/L	1000	11/9/2015 3:04:00 PM
Bromomethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Trichlorofluoromethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Diethyl ether	ND	5,000		µg/L	1000	11/9/2015 3:04:00 PM
Acetone	ND	10,000		µg/L	1000	11/9/2015 3:04:00 PM
1,1-Dichloroethene	ND	1,000		µg/L	1000	11/9/2015 3:04:00 PM
Carbon disulfide	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Methylene chloride	ND	5,000		µg/L	1000	11/9/2015 3:04:00 PM
Methyl tert-butyl ether	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
trans-1,2-Dichloroethene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,1-Dichloroethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
2-Butanone	ND	10,000		µg/L	1000	11/9/2015 3:04:00 PM
2,2-Dichloropropane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
cis-1,2-Dichloroethene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Chloroform	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Tetrahydrofuran	ND	10,000		µg/L	1000	11/9/2015 3:04:00 PM
Bromochloromethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,1,1-Trichloroethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,1-Dichloropropene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Carbon tetrachloride	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,2-Dichloroethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Benzene	ND	1,000		µg/L	1000	11/9/2015 3:04:00 PM
Trichloroethene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,2-Dichloropropane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Bromodichloromethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Dibromomethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
4-Methyl-2-pentanone	ND	10,000		µg/L	1000	11/9/2015 3:04:00 PM
cis-1,3-Dichloropropene	ND	1,000		µg/L	1000	11/9/2015 3:04:00 PM
Toluene	200,000	2,000		µg/L	1000	11/9/2015 3:04:00 PM
trans-1,3-Dichloropropene	ND	1,000		µg/L	1000	11/9/2015 3:04:00 PM
1,1,2-Trichloroethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,2-Dibromoethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
2-Hexanone	ND	10,000		µg/L	1000	11/9/2015 3:04:00 PM
1,3-Dichloropropane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Tetrachloroethene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Dibromochloromethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-9A
Lab Order:	1511002	**Collection Date:**	10/27/2015 8:54:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-19A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,1,1,2-Tetrachloroethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Ethylbenzene	7,600	2,000		µg/L	1000	11/9/2015 3:04:00 PM
m,p-Xylene	34,000	2,000		µg/L	1000	11/9/2015 3:04:00 PM
o-Xylene	11,000	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Styrene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Bromoform	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Isopropylbenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,1,2,2-Tetrachloroethane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,2,3-Trichloropropane	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Bromobenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
n-Propylbenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
2-Chlorotoluene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
4-Chlorotoluene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,3,5-Trimethylbenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
tert-Butylbenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,2,4-Trimethylbenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
sec-Butylbenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
4-Isopropyltoluene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,3-Dichlorobenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,4-Dichlorobenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
n-Butylbenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,2-Dichlorobenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
1,2-Dibromo-3-chloropropane	ND	5,000		µg/L	1000	11/9/2015 3:04:00 PM
1,2,4-Trichlorobenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Hexachlorobutadiene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Naphthalene	ND	5,000		µg/L	1000	11/9/2015 3:04:00 PM
1,2,3-Trichlorobenzene	ND	2,000		µg/L	1000	11/9/2015 3:04:00 PM
Surr: Dibromofluoromethane	109	68-122		%REC	1000	11/9/2015 3:04:00 PM
Surr: 1,2-Dichloroethane-d4	123	69-130		%REC	1000	11/9/2015 3:04:00 PM
Surr: Toluene-d8	101	69-121		%REC	1000	11/9/2015 3:04:00 PM
Surr: 4-Bromofluorobenzene	95.4	62-129		%REC	1000	11/9/2015 3:04:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-25
Lab Order:	1511002	**Collection Date:**	10/27/2015 9:43:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-20A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: **SK**
Dichlorodifluoromethane	ND	500		µg/L	100	11/9/2015 4:48:00 PM
Chloromethane	ND	500		µg/L	100	11/9/2015 4:48:00 PM
Vinyl chloride	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Chloroethane	ND	500		µg/L	100	11/9/2015 4:48:00 PM
Bromomethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Trichlorofluoromethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Diethyl ether	ND	500		µg/L	100	11/9/2015 4:48:00 PM
Acetone	ND	1,000		µg/L	100	11/9/2015 4:48:00 PM
1,1-Dichloroethene	ND	100		µg/L	100	11/9/2015 4:48:00 PM
Carbon disulfide	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Methylene chloride	ND	500		µg/L	100	11/9/2015 4:48:00 PM
Methyl tert-butyl ether	ND	200		µg/L	100	11/9/2015 4:48:00 PM
trans-1,2-Dichloroethene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,1-Dichloroethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
2-Butanone	ND	1,000		µg/L	100	11/9/2015 4:48:00 PM
2,2-Dichloropropane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
cis-1,2-Dichloroethene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Chloroform	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Tetrahydrofuran	ND	1,000		µg/L	100	11/9/2015 4:48:00 PM
Bromochloromethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,1,1-Trichloroethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,1-Dichloropropene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Carbon tetrachloride	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,2-Dichloroethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Benzene	110	100		µg/L	100	11/9/2015 4:48:00 PM
Trichloroethene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,2-Dichloropropane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Bromodichloromethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Dibromomethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
4-Methyl-2-pentanone	ND	1,000		µg/L	100	11/9/2015 4:48:00 PM
cis-1,3-Dichloropropene	ND	100		µg/L	100	11/9/2015 4:48:00 PM
Toluene	300,000	2,000		µg/L	1000	11/10/2015 1:05:00 PM
trans-1,3-Dichloropropene	ND	100		µg/L	100	11/9/2015 4:48:00 PM
1,1,2-Trichloroethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,2-Dibromoethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
2-Hexanone	ND	1,000		µg/L	100	11/9/2015 4:48:00 PM
1,3-Dichloropropane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Tetrachloroethene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Dibromochloromethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-20A

Client Sample ID: MW-25
Collection Date: 10/27/2015 9:43:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,1,1,2-Tetrachloroethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Ethylbenzene	4,500	200		µg/L	100	11/9/2015 4:48:00 PM
m,p-Xylene	17,000	200		µg/L	100	11/9/2015 4:48:00 PM
o-Xylene	5,300	200		µg/L	100	11/9/2015 4:48:00 PM
Styrene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Bromoform	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Isopropylbenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,1,2,2-Tetrachloroethane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,2,3-Trichloropropane	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Bromobenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
n-Propylbenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
2-Chlorotoluene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
4-Chlorotoluene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,3,5-Trimethylbenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
tert-Butylbenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,2,4-Trimethylbenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
sec-Butylbenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
4-Isopropyltoluene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,3-Dichlorobenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,4-Dichlorobenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
n-Butylbenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,2-Dichlorobenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
1,2-Dibromo-3-chloropropane	ND	500		µg/L	100	11/9/2015 4:48:00 PM
1,2,4-Trichlorobenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Hexachlorobutadiene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Naphthalene	ND	500		µg/L	100	11/9/2015 4:48:00 PM
1,2,3-Trichlorobenzene	ND	200		µg/L	100	11/9/2015 4:48:00 PM
Surr: Dibromofluoromethane	113	68-122		%REC	100	11/9/2015 4:48:00 PM
Surr: 1,2-Dichloroethane-d4	123	69-130		%REC	100	11/9/2015 4:48:00 PM
Surr: Toluene-d8	98.0	69-121		%REC	100	11/9/2015 4:48:00 PM
Surr: 4-Bromofluorobenzene	100	62-129		%REC	100	11/9/2015 4:48:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-22
Lab Order:	1511002	**Collection Date:**	10/27/2015 1:40:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-21A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: **SK**
Dichlorodifluoromethane	ND	500		µg/L	100	11/9/2015 5:23:00 PM
Chloromethane	ND	500		µg/L	100	11/9/2015 5:23:00 PM
Vinyl chloride	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Chloroethane	ND	500		µg/L	100	11/9/2015 5:23:00 PM
Bromomethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Trichlorofluoromethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Diethyl ether	ND	500		µg/L	100	11/9/2015 5:23:00 PM
Acetone	ND	1,000		µg/L	100	11/9/2015 5:23:00 PM
1,1-Dichloroethene	ND	100		µg/L	100	11/9/2015 5:23:00 PM
Carbon disulfide	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Methylene chloride	ND	500		µg/L	100	11/9/2015 5:23:00 PM
Methyl tert-butyl ether	ND	200		µg/L	100	11/9/2015 5:23:00 PM
trans-1,2-Dichloroethene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,1-Dichloroethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
2-Butanone	ND	1,000		µg/L	100	11/9/2015 5:23:00 PM
2,2-Dichloropropane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
cis-1,2-Dichloroethene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Chloroform	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Tetrahydrofuran	ND	1,000		µg/L	100	11/9/2015 5:23:00 PM
Bromochloromethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,1,1-Trichloroethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,1-Dichloropropene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Carbon tetrachloride	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,2-Dichloroethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Benzene	ND	100		µg/L	100	11/9/2015 5:23:00 PM
Trichloroethene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,2-Dichloropropane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Bromodichloromethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Dibromomethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
4-Methyl-2-pentanone	ND	1,000		µg/L	100	11/9/2015 5:23:00 PM
cis-1,3-Dichloropropene	ND	100		µg/L	100	11/9/2015 5:23:00 PM
Toluene	17,000	200		µg/L	100	11/9/2015 5:23:00 PM
trans-1,3-Dichloropropene	ND	100		µg/L	100	11/9/2015 5:23:00 PM
1,1,2-Trichloroethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,2-Dibromoethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
2-Hexanone	ND	1,000		µg/L	100	11/9/2015 5:23:00 PM
1,3-Dichloropropane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Tetrachloroethene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Dibromochloromethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-21A

Client Sample ID: MW-22
Collection Date: 10/27/2015 1:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,1,1,2-Tetrachloroethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Ethylbenzene	1,300	200		µg/L	100	11/9/2015 5:23:00 PM
m,p-Xylene	27,000	200		µg/L	100	11/9/2015 5:23:00 PM
o-Xylene	9,100	200		µg/L	100	11/9/2015 5:23:00 PM
Styrene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Bromoform	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Isopropylbenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,1,2,2-Tetrachloroethane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,2,3-Trichloropropane	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Bromobenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
n-Propylbenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
2-Chlorotoluene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
4-Chlorotoluene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,3,5-Trimethylbenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
tert-Butylbenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,2,4-Trimethylbenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
sec-Butylbenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
4-Isopropyltoluene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,3-Dichlorobenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,4-Dichlorobenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
n-Butylbenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,2-Dichlorobenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
1,2-Dibromo-3-chloropropane	ND	500		µg/L	100	11/9/2015 5:23:00 PM
1,2,4-Trichlorobenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Hexachlorobutadiene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Naphthalene	ND	500		µg/L	100	11/9/2015 5:23:00 PM
1,2,3-Trichlorobenzene	ND	200		µg/L	100	11/9/2015 5:23:00 PM
Surr: Dibromofluoromethane	107	68-122		%REC	100	11/9/2015 5:23:00 PM
Surr: 1,2-Dichloroethane-d4	124	69-130		%REC	100	11/9/2015 5:23:00 PM
Surr: Toluene-d8	100	69-121		%REC	100	11/9/2015 5:23:00 PM
Surr: 4-Bromofluorobenzene	103	62-129		%REC	100	11/9/2015 5:23:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-15
Lab Order:	1511002	**Collection Date:**	10/28/2015 11:30:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-22A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: SK
Dichlorodifluoromethane	ND	1,000		µg/L	200	11/6/2015 3:27:00 PM
Chloromethane	ND	1,000		µg/L	200	11/6/2015 3:27:00 PM
Vinyl chloride	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Chloroethane	ND	1,000		µg/L	200	11/6/2015 3:27:00 PM
Bromomethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Trichlorofluoromethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Diethyl ether	ND	1,000		µg/L	200	11/6/2015 3:27:00 PM
Acetone	ND	2,000		µg/L	200	11/6/2015 3:27:00 PM
1,1-Dichloroethene	ND	200		µg/L	200	11/6/2015 3:27:00 PM
Carbon disulfide	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Methylene chloride	ND	1,000		µg/L	200	11/6/2015 3:27:00 PM
Methyl tert-butyl ether	ND	400		µg/L	200	11/6/2015 3:27:00 PM
trans-1,2-Dichloroethene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,1-Dichloroethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
2-Butanone	ND	2,000		µg/L	200	11/6/2015 3:27:00 PM
2,2-Dichloropropane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
cis-1,2-Dichloroethene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Chloroform	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Tetrahydrofuran	ND	2,000		µg/L	200	11/6/2015 3:27:00 PM
Bromochloromethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,1,1-Trichloroethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,1-Dichloropropene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Carbon tetrachloride	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,2-Dichloroethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Benzene	ND	200		µg/L	200	11/6/2015 3:27:00 PM
Trichloroethene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,2-Dichloropropane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Bromodichloromethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Dibromomethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
4-Methyl-2-pentanone	ND	2,000		µg/L	200	11/6/2015 3:27:00 PM
cis-1,3-Dichloropropene	ND	200		µg/L	200	11/6/2015 3:27:00 PM
Toluene	240,000	2,000		µg/L	1000	11/9/2015 1:54:00 PM
trans-1,3-Dichloropropene	ND	200		µg/L	200	11/6/2015 3:27:00 PM
1,1,2-Trichloroethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,2-Dibromoethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
2-Hexanone	ND	2,000		µg/L	200	11/6/2015 3:27:00 PM
1,3-Dichloropropane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Tetrachloroethene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Dibromochloromethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-22A

Client Sample ID: MW-15
Collection Date: 10/28/2015 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,1,1,2-Tetrachloroethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Ethylbenzene	7,100	400		µg/L	200	11/6/2015 3:27:00 PM
m,p-Xylene	34,000	400		µg/L	200	11/6/2015 3:27:00 PM
o-Xylene	12,000	400		µg/L	200	11/6/2015 3:27:00 PM
Styrene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Bromoform	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Isopropylbenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,1,2,2-Tetrachloroethane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,2,3-Trichloropropane	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Bromobenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
n-Propylbenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
2-Chlorotoluene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
4-Chlorotoluene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,3,5-Trimethylbenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
tert-Butylbenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,2,4-Trimethylbenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
sec-Butylbenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
4-Isopropyltoluene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,3-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,4-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
n-Butylbenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,2-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
1,2-Dibromo-3-chloropropane	ND	1,000		µg/L	200	11/6/2015 3:27:00 PM
1,2,4-Trichlorobenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Hexachlorobutadiene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Naphthalene	ND	1,000		µg/L	200	11/6/2015 3:27:00 PM
1,2,3-Trichlorobenzene	ND	400		µg/L	200	11/6/2015 3:27:00 PM
Surr: Dibromofluoromethane	88.4	68-122		%REC	200	11/6/2015 3:27:00 PM
Surr: 1,2-Dichloroethane-d4	101	69-130		%REC	200	11/6/2015 3:27:00 PM
Surr: Toluene-d8	93.2	69-121		%REC	200	11/6/2015 3:27:00 PM
Surr: 4-Bromofluorobenzene	94.5	62-129		%REC	200	11/6/2015 3:27:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-28
Lab Order:	1511002	**Collection Date:**	10/28/2015 1:30:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-23A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: SK
Dichlorodifluoromethane	ND	1,000		µg/L	200	11/6/2015 4:02:00 PM
Chloromethane	ND	1,000		µg/L	200	11/6/2015 4:02:00 PM
Vinyl chloride	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Chloroethane	ND	1,000		µg/L	200	11/6/2015 4:02:00 PM
Bromomethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Trichlorofluoromethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Diethyl ether	ND	1,000		µg/L	200	11/6/2015 4:02:00 PM
Acetone	ND	2,000		µg/L	200	11/6/2015 4:02:00 PM
1,1-Dichloroethene	ND	200		µg/L	200	11/6/2015 4:02:00 PM
Carbon disulfide	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Methylene chloride	ND	1,000		µg/L	200	11/6/2015 4:02:00 PM
Methyl tert-butyl ether	ND	400		µg/L	200	11/6/2015 4:02:00 PM
trans-1,2-Dichloroethene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,1-Dichloroethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
2-Butanone	ND	2,000		µg/L	200	11/6/2015 4:02:00 PM
2,2-Dichloropropane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
cis-1,2-Dichloroethene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Chloroform	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Tetrahydrofuran	ND	2,000		µg/L	200	11/6/2015 4:02:00 PM
Bromochloromethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,1,1-Trichloroethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,1-Dichloropropene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Carbon tetrachloride	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,2-Dichloroethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Benzene	ND	200		µg/L	200	11/6/2015 4:02:00 PM
Trichloroethene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,2-Dichloropropane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Bromodichloromethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Dibromomethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
4-Methyl-2-pentanone	ND	2,000		µg/L	200	11/6/2015 4:02:00 PM
cis-1,3-Dichloropropene	ND	200		µg/L	200	11/6/2015 4:02:00 PM
Toluene	16,000	400		µg/L	200	11/6/2015 4:02:00 PM
trans-1,3-Dichloropropene	ND	200		µg/L	200	11/6/2015 4:02:00 PM
1,1,2-Trichloroethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,2-Dibromoethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
2-Hexanone	ND	2,000		µg/L	200	11/6/2015 4:02:00 PM
1,3-Dichloropropane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Tetrachloroethene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Dibromochloromethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-23A

Client Sample ID: MW-28
Collection Date: 10/28/2015 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,1,1,2-Tetrachloroethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Ethylbenzene	1,200	400		µg/L	200	11/6/2015 4:02:00 PM
m,p-Xylene	2,200	400		µg/L	200	11/6/2015 4:02:00 PM
o-Xylene	1,300	400		µg/L	200	11/6/2015 4:02:00 PM
Styrene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Bromoform	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Isopropylbenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,1,2,2-Tetrachloroethane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,2,3-Trichloropropane	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Bromobenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
n-Propylbenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
2-Chlorotoluene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
4-Chlorotoluene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,3,5-Trimethylbenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
tert-Butylbenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,2,4-Trimethylbenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
sec-Butylbenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
4-Isopropyltoluene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,3-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,4-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
n-Butylbenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,2-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
1,2-Dibromo-3-chloropropane	ND	1,000		µg/L	200	11/6/2015 4:02:00 PM
1,2,4-Trichlorobenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Hexachlorobutadiene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Naphthalene	ND	1,000		µg/L	200	11/6/2015 4:02:00 PM
1,2,3-Trichlorobenzene	ND	400		µg/L	200	11/6/2015 4:02:00 PM
Surr: Dibromofluoromethane	96.4	68-122		%REC	200	11/6/2015 4:02:00 PM
Surr: 1,2-Dichloroethane-d4	107	69-130		%REC	200	11/6/2015 4:02:00 PM
Surr: Toluene-d8	99.8	69-121		%REC	200	11/6/2015 4:02:00 PM
Surr: 4-Bromofluorobenzene	100	62-129		%REC	200	11/6/2015 4:02:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-21
Lab Order:	1511002	**Collection Date:**	10/28/2015 11:15:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-24A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: SK
Dichlorodifluoromethane	ND	500		µg/L	100	11/10/2015 2:17:00 PM
Chloromethane	ND	500		µg/L	100	11/10/2015 2:17:00 PM
Vinyl chloride	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Chloroethane	ND	500		µg/L	100	11/10/2015 2:17:00 PM
Bromomethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Trichlorofluoromethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Diethyl ether	ND	500		µg/L	100	11/10/2015 2:17:00 PM
Acetone	ND	1,000		µg/L	100	11/10/2015 2:17:00 PM
1,1-Dichloroethene	ND	100		µg/L	100	11/10/2015 2:17:00 PM
Carbon disulfide	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Methylene chloride	ND	500		µg/L	100	11/10/2015 2:17:00 PM
Methyl tert-butyl ether	ND	200		µg/L	100	11/10/2015 2:17:00 PM
trans-1,2-Dichloroethene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,1-Dichloroethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
2-Butanone	ND	1,000		µg/L	100	11/10/2015 2:17:00 PM
2,2-Dichloropropane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
cis-1,2-Dichloroethene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Chloroform	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Tetrahydrofuran	ND	1,000		µg/L	100	11/10/2015 2:17:00 PM
Bromochloromethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,1,1-Trichloroethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,1-Dichloropropene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Carbon tetrachloride	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,2-Dichloroethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Benzene	ND	100		µg/L	100	11/10/2015 2:17:00 PM
Trichloroethene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,2-Dichloropropane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Bromodichloromethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Dibromomethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
4-Methyl-2-pentanone	ND	1,000		µg/L	100	11/10/2015 2:17:00 PM
cis-1,3-Dichloropropene	ND	100		µg/L	100	11/10/2015 2:17:00 PM
Toluene	9,400	200		µg/L	100	11/10/2015 2:17:00 PM
trans-1,3-Dichloropropene	ND	100		µg/L	100	11/10/2015 2:17:00 PM
1,1,2-Trichloroethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,2-Dibromoethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
2-Hexanone	ND	1,000		µg/L	100	11/10/2015 2:17:00 PM
1,3-Dichloropropane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Tetrachloroethene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Dibromochloromethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-24A

Client Sample ID: MW-21
Collection Date: 10/28/2015 11:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,1,1,2-Tetrachloroethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Ethylbenzene	1,500	200		µg/L	100	11/10/2015 2:17:00 PM
m,p-Xylene	4,800	200		µg/L	100	11/10/2015 2:17:00 PM
o-Xylene	1,300	200		µg/L	100	11/10/2015 2:17:00 PM
Styrene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Bromoform	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Isopropylbenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,1,2,2-Tetrachloroethane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,2,3-Trichloropropane	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Bromobenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
n-Propylbenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
2-Chlorotoluene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
4-Chlorotoluene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,3,5-Trimethylbenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
tert-Butylbenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,2,4-Trimethylbenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
sec-Butylbenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
4-Isopropyltoluene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,3-Dichlorobenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,4-Dichlorobenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
n-Butylbenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,2-Dichlorobenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
1,2-Dibromo-3-chloropropane	ND	500		µg/L	100	11/10/2015 2:17:00 PM
1,2,4-Trichlorobenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Hexachlorobutadiene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Naphthalene	ND	500		µg/L	100	11/10/2015 2:17:00 PM
1,2,3-Trichlorobenzene	ND	200		µg/L	100	11/10/2015 2:17:00 PM
Surr: Dibromofluoromethane	99.9	66-122		%REC	100	11/10/2015 2:17:00 PM
Surr: 1,2-Dichloroethane-d4	110	69-130		%REC	100	11/10/2015 2:17:00 PM
Surr: Toluene-d8	100	69-121		%REC	100	11/10/2015 2:17:00 PM
Surr: 4-Bromofluorobenzene	98.3	62-129		%REC	100	11/10/2015 2:17:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	EW-2
Lab Order:	1511002	**Collection Date:**	10/28/2015 12:00:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-25A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: SK
Dichlorodifluoromethane	ND	1,000		µg/L	200	11/6/2015 4:37:00 PM
Chloromethane	ND	1,000		µg/L	200	11/6/2015 4:37:00 PM
Vinyl chloride	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Chloroethane	ND	1,000		µg/L	200	11/6/2015 4:37:00 PM
Bromomethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Trichlorofluoromethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Diethyl ether	ND	1,000		µg/L	200	11/6/2015 4:37:00 PM
Acetone	ND	2,000		µg/L	200	11/6/2015 4:37:00 PM
1,1-Dichloroethene	ND	200		µg/L	200	11/6/2015 4:37:00 PM
Carbon disulfide	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Methylene chloride	ND	1,000		µg/L	200	11/6/2015 4:37:00 PM
Methyl tert-butyl ether	ND	400		µg/L	200	11/6/2015 4:37:00 PM
trans-1,2-Dichloroethene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,1-Dichloroethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
2-Butanone	ND	2,000		µg/L	200	11/6/2015 4:37:00 PM
2,2-Dichloropropane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
cis-1,2-Dichloroethene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Chloroform	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Tetrahydrofuran	ND	2,000		µg/L	200	11/6/2015 4:37:00 PM
Bromochloromethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,1,1-Trichloroethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,1-Dichloropropene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Carbon tetrachloride	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,2-Dichloroethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Benzene	ND	200		µg/L	200	11/6/2015 4:37:00 PM
Trichloroethene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,2-Dichloropropane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Bromodichloromethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Dibromomethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
4-Methyl-2-pentanone	ND	2,000		µg/L	200	11/6/2015 4:37:00 PM
cis-1,3-Dichloropropene	ND	200		µg/L	200	11/6/2015 4:37:00 PM
Toluene	16,000	400		µg/L	200	11/6/2015 4:37:00 PM
trans-1,3-Dichloropropene	ND	200		µg/L	200	11/6/2015 4:37:00 PM
1,1,2-Trichloroethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,2-Dibromoethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
2-Hexanone	ND	2,000		µg/L	200	11/6/2015 4:37:00 PM
1,3-Dichloropropane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Tetrachloroethene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Dibromochloromethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	EW-2
Lab Order:	1511002	**Collection Date:**	10/28/2015 12:00:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-25A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,1,1,2-Tetrachloroethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Ethylbenzene	9,900	400		µg/L	200	11/6/2015 4:37:00 PM
m,p-Xylene	44,000	400		µg/L	200	11/6/2015 4:37:00 PM
o-Xylene	11,000	400		µg/L	200	11/6/2015 4:37:00 PM
Styrene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Bromoform	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Isopropylbenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,1,2,2-Tetrachloroethane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,2,3-Trichloropropane	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Bromobenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
n-Propylbenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
2-Chlorotoluene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
4-Chlorotoluene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,3,5-Trimethylbenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
tert-Butylbenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,2,4-Trimethylbenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
sec-Butylbenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
4-Isopropyltoluene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,3-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,4-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
n-Butylbenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,2-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
1,2-Dibromo-3-chloropropane	ND	1,000		µg/L	200	11/6/2015 4:37:00 PM
1,2,4-Trichlorobenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Hexachlorobutadiene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Naphthalene	ND	1,000		µg/L	200	11/6/2015 4:37:00 PM
1,2,3-Trichlorobenzene	ND	400		µg/L	200	11/6/2015 4:37:00 PM
Surr: Dibromofluoromethane	93.8	68-122		%REC	200	11/6/2015 4:37:00 PM
Surr: 1,2-Dichloroethane-d4	104	69-130		%REC	200	11/6/2015 4:37:00 PM
Surr: Toluene-d8	94.7	69-121		%REC	200	11/6/2015 4:37:00 PM
Surr: 4-Bromofluorobenzene	95.1	62-129		%REC	200	11/6/2015 4:37:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-33
Lab Order:	1511002	**Collection Date:**	10/28/2015 12:30:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-26A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: **SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/9/2015 1:18:00 PM
Chloromethane	ND	5.0		µg/L	1	11/9/2015 1:18:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Chloroethane	ND	5.0		µg/L	1	11/9/2015 1:18:00 PM
Bromomethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/9/2015 1:18:00 PM
Acetone	ND	10		µg/L	1	11/9/2015 1:18:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/9/2015 1:18:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/9/2015 1:18:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
2-Butanone	ND	10		µg/L	1	11/9/2015 1:18:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Chloroform	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/9/2015 1:18:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Benzene	ND	1.0		µg/L	1	11/9/2015 1:18:00 PM
Trichloroethene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/9/2015 1:18:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 1:18:00 PM
Toluene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 1:18:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
2-Hexanone	ND	10		µg/L	1	11/9/2015 1:18:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-26A

Client Sample ID: MW-33
Collection Date: 10/28/2015 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Ethylbenzene	75	2.0		µg/L	1	11/9/2015 1:18:00 PM
m,p-Xylene	39	2.0		µg/L	1	11/9/2015 1:18:00 PM
o-Xylene	45	2.0		µg/L	1	11/9/2015 1:18:00 PM
Styrene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Bromoform	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Isopropylbenzene	5.5	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/9/2015 1:18:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Naphthalene	ND	5.0		µg/L	1	11/9/2015 1:18:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:18:00 PM
Surr: Dibromofluoromethane	96.5	68-122		%REC	1	11/9/2015 1:18:00 PM
Surr: 1,2-Dichloroethane-d4	108	69-130		%REC	1	11/9/2015 1:18:00 PM
Surr: Toluene-d8	100	69-121		%REC	1	11/9/2015 1:18:00 PM
Surr: 4-Bromofluorobenzene	96.4	62-129		%REC	1	11/9/2015 1:18:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-30
Lab Order:	1511002	**Collection Date:**	10/28/2015 10:40:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-27A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: **SK**
Dichlorodifluoromethane	ND	1,000		µg/L	200	11/6/2015 5:13:00 PM
Chloromethane	ND	1,000		µg/L	200	11/6/2015 5:13:00 PM
Vinyl chloride	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Chloroethane	ND	1,000		µg/L	200	11/6/2015 5:13:00 PM
Bromomethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Trichlorofluoromethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Diethyl ether	ND	1,000		µg/L	200	11/6/2015 5:13:00 PM
Acetone	ND	2,000		µg/L	200	11/6/2015 5:13:00 PM
1,1-Dichloroethene	ND	200		µg/L	200	11/6/2015 5:13:00 PM
Carbon disulfide	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Methylene chloride	ND	1,000		µg/L	200	11/6/2015 5:13:00 PM
Methyl tert-butyl ether	ND	400		µg/L	200	11/6/2015 5:13:00 PM
trans-1,2-Dichloroethene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,1-Dichloroethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
2-Butanone	ND	2,000		µg/L	200	11/6/2015 5:13:00 PM
2,2-Dichloropropane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
cis-1,2-Dichloroethene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Chloroform	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Tetrahydrofuran	ND	2,000		µg/L	200	11/6/2015 5:13:00 PM
Bromochloromethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,1,1-Trichloroethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,1-Dichloropropene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Carbon tetrachloride	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,2-Dichloroethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Benzene	ND	200		µg/L	200	11/6/2015 5:13:00 PM
Trichloroethene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,2-Dichloropropane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Bromodichloromethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Dibromomethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
4-Methyl-2-pentanone	ND	2,000		µg/L	200	11/6/2015 5:13:00 PM
cis-1,3-Dichloropropene	ND	200		µg/L	200	11/6/2015 5:13:00 PM
Toluene	40,000	400		µg/L	200	11/6/2015 5:13:00 PM
trans-1,3-Dichloropropene	ND	200		µg/L	200	11/6/2015 5:13:00 PM
1,1,2-Trichloroethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,2-Dibromoethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
2-Hexanone	ND	2,000		µg/L	200	11/6/2015 5:13:00 PM
1,3-Dichloropropane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Tetrachloroethene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Dibromochloromethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-27A

Client Sample ID: MW-30
Collection Date: 10/28/2015 10:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,1,1,2-Tetrachloroethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Ethylbenzene	17,000	400		µg/L	200	11/6/2015 5:13:00 PM
m,p-Xylene	84,000	400		µg/L	200	11/6/2015 5:13:00 PM
o-Xylene	24,000	400		µg/L	200	11/6/2015 5:13:00 PM
Styrene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Bromoform	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Isopropylbenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,1,2,2-Tetrachloroethane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,2,3-Trichloropropane	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Bromobenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
n-Propylbenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
2-Chlorotoluene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
4-Chlorotoluene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,3,5-Trimethylbenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
tert-Butylbenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,2,4-Trimethylbenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
sec-Butylbenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
4-Isopropyltoluene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,3-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,4-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
n-Butylbenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,2-Dichlorobenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
1,2-Dibromo-3-chloropropane	ND	1,000		µg/L	200	11/6/2015 5:13:00 PM
1,2,4-Trichlorobenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Hexachlorobutadiene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Naphthalene	ND	1,000		µg/L	200	11/6/2015 5:13:00 PM
1,2,3-Trichlorobenzene	ND	400		µg/L	200	11/6/2015 5:13:00 PM
Surr: Dibromofluoromethane	95.0	68-122		%REC	200	11/6/2015 5:13:00 PM
Surr: 1,2-Dichloroethane-d4	100	69-130		%REC	200	11/6/2015 5:13:00 PM
Surr: Toluene-d8	94.8	69-121		%REC	200	11/6/2015 5:13:00 PM
Surr: 4-Bromofluorobenzene	102	62-129		%REC	200	11/6/2015 5:13:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-23
Lab Order:	1511002	**Collection Date:**	10/28/2015 10:35:00 AM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-28A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				**Analyst: SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	11/9/2015 1:54:00 PM
Chloromethane	ND	5.0		µg/L	1	11/9/2015 1:54:00 PM
Vinyl chloride	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Chloroethane	ND	5.0		µg/L	1	11/9/2015 1:54:00 PM
Bromomethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Diethyl ether	ND	5.0		µg/L	1	11/9/2015 1:54:00 PM
Acetone	13	10		µg/L	1	11/9/2015 1:54:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/9/2015 1:54:00 PM
Carbon disulfide	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Methylene chloride	ND	5.0		µg/L	1	11/9/2015 1:54:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
2-Butanone	ND	10		µg/L	1	11/9/2015 1:54:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Chloroform	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Tetrahydrofuran	ND	10		µg/L	1	11/9/2015 1:54:00 PM
Bromochloromethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Benzene	ND	1.0		µg/L	1	11/9/2015 1:54:00 PM
Trichloroethene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Dibromomethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/9/2015 1:54:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 1:54:00 PM
Toluene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/9/2015 1:54:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
2-Hexanone	ND	10		µg/L	1	11/9/2015 1:54:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-28A

Client Sample ID: MW-23
Collection Date: 10/28/2015 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Ethylbenzene	4.0	2.0		µg/L	1	11/9/2015 1:54:00 PM
m,p-Xylene	34	2.0		µg/L	1	11/9/2015 1:54:00 PM
o-Xylene	18	2.0		µg/L	1	11/9/2015 1:54:00 PM
Styrene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Bromoform	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Bromobenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	11/9/2015 1:54:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Naphthalene	ND	5.0		µg/L	1	11/9/2015 1:54:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	11/9/2015 1:54:00 PM
Surr: Dibromofluoromethane	105	68-122		%REC	1	11/9/2015 1:54:00 PM
Surr: 1,2-Dichloroethane-d4	105	69-130		%REC	1	11/9/2015 1:54:00 PM
Surr: Toluene-d8	101	69-121		%REC	1	11/9/2015 1:54:00 PM
Surr: 4-Bromofluorobenzene	101	62-129		%REC	1	11/9/2015 1:54:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT:	Leggette, Brashears & Graham, Inc.	**Client Sample ID:**	MW-32
Lab Order:	1511002	**Collection Date:**	10/28/2015 12:20:00 PM
Project:	FYN Paint	**Matrix:**	GROUNDWATER
Lab ID:	1511002-29A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: **SK**
Dichlorodifluoromethane	ND	500		µg/L	100	11/6/2015 2:51:00 PM
Chloromethane	ND	500		µg/L	100	11/6/2015 2:51:00 PM
Vinyl chloride	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Chloroethane	ND	500		µg/L	100	11/6/2015 2:51:00 PM
Bromomethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Trichlorofluoromethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Diethyl ether	ND	500		µg/L	100	11/6/2015 2:51:00 PM
Acetone	ND	1,000		µg/L	100	11/6/2015 2:51:00 PM
1,1-Dichloroethene	ND	100		µg/L	100	11/6/2015 2:51:00 PM
Carbon disulfide	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Methylene chloride	ND	500		µg/L	100	11/6/2015 2:51:00 PM
Methyl tert-butyl ether	ND	200		µg/L	100	11/6/2015 2:51:00 PM
trans-1,2-Dichloroethene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,1-Dichloroethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
2-Butanone	ND	1,000		µg/L	100	11/6/2015 2:51:00 PM
2,2-Dichloropropane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
cis-1,2-Dichloroethene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Chloroform	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Tetrahydrofuran	ND	1,000		µg/L	100	11/6/2015 2:51:00 PM
Bromochloromethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,1,1-Trichloroethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,1-Dichloropropene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Carbon tetrachloride	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,2-Dichloroethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Benzene	ND	100		µg/L	100	11/6/2015 2:51:00 PM
Trichloroethene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,2-Dichloropropane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Bromodichloromethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Dibromomethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
4-Methyl-2-pentanone	ND	1,000		µg/L	100	11/6/2015 2:51:00 PM
cis-1,3-Dichloropropene	ND	100		µg/L	100	11/6/2015 2:51:00 PM
Toluene	7,500	200		µg/L	100	11/6/2015 2:51:00 PM
trans-1,3-Dichloropropene	ND	100		µg/L	100	11/6/2015 2:51:00 PM
1,1,2-Trichloroethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,2-Dibromoethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
2-Hexanone	ND	1,000		µg/L	100	11/6/2015 2:51:00 PM
1,3-Dichloropropane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Tetrachloroethene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Dibromochloromethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM

AMRO Environmental Laboratories Corp.

Date: *12-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Lab Order: 1511002
Project: FYN Paint
Lab ID: 1511002-29A

Client Sample ID: MW-32
Collection Date: 10/28/2015 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,1,1,2-Tetrachloroethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Ethylbenzene	1,700	200		µg/L	100	11/6/2015 2:51:00 PM
m,p-Xylene	9,900	200		µg/L	100	11/6/2015 2:51:00 PM
o-Xylene	3,500	200		µg/L	100	11/6/2015 2:51:00 PM
Styrene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Bromoform	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Isopropylbenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,1,2,2-Tetrachloroethane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,2,3-Trichloropropane	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Bromobenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
n-Propylbenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
2-Chlorotoluene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
4-Chlorotoluene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,3,5-Trimethylbenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
tert-Butylbenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,2,4-Trimethylbenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
sec-Butylbenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
4-Isopropyltoluene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,3-Dichlorobenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,4-Dichlorobenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
n-Butylbenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,2-Dichlorobenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
1,2-Dibromo-3-chloropropane	ND	500		µg/L	100	11/6/2015 2:51:00 PM
1,2,4-Trichlorobenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Hexachlorobutadiene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Naphthalene	ND	500		µg/L	100	11/6/2015 2:51:00 PM
1,2,3-Trichlorobenzene	ND	200		µg/L	100	11/6/2015 2:51:00 PM
Surr: Dibromofluoromethane	98.8	68-122		%REC	100	11/6/2015 2:51:00 PM
Surr: 1,2-Dichloroethane-d4	101	69-130		%REC	100	11/6/2015 2:51:00 PM
Surr: Toluene-d8	96.6	69-121		%REC	100	11/6/2015 2:51:00 PM
Surr: 4-Bromofluorobenzene	94.8	62-129		%REC	100	11/6/2015 2:51:00 PM

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

Sample ID: mb-11/04/15 **Batch ID:** R56713 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/4/2015 11:01:00 AM **Prep Date:** 11/4/2015
Client ID: **Run ID:** V-2_151104A **SeqNo:** 951120

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	ND	5.0	µg/L									
Chloromethane	ND	5.0	µg/L									
Vinyl chloride	ND	2.0	µg/L									
Chloroethane	ND	5.0	µg/L									
Bromomethane	ND	2.0	µg/L									
Trichlorofluoromethane	ND	2.0	µg/L									
Diethyl ether	ND	5.0	µg/L									
Acetone	ND	10	µg/L									
1,1-Dichloroethene	ND	1.0	µg/L									
Carbon disulfide	ND	2.0	µg/L									
Methylene chloride	ND	5.0	µg/L									
Methyl tert-butyl ether	ND	2.0	µg/L									
trans-1,2-Dichloroethene	ND	2.0	µg/L									
1,1-Dichloroethane	ND	2.0	µg/L									
2-Butanone	ND	10	µg/L									
2,2-Dichloropropane	ND	2.0	µg/L									
cis-1,2-Dichloroethene	ND	2.0	µg/L									
Chloroform	ND	2.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Bromochloromethane	ND	2.0	µg/L									
1,1,1-Trichloroethane	ND	2.0	µg/L									
1,1-Dichloropropene	ND	2.0	µg/L									
Carbon tetrachloride	ND	2.0	µg/L									
1,2-Dichloroethane	ND	2.0	µg/L									
Benzene	ND	1.0	µg/L									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur; RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

sec-Butylbenzene	ND	2.0	µg/L						
4-Isopropyltoluene	ND	2.0	µg/L						
1,3-Dichlorobenzene	ND	2.0	µg/L						
1,4-Dichlorobenzene	ND	2.0	µg/L						
n-Butylbenzene	ND	2.0	µg/L						
1,2-Dichlorobenzene	ND	2.0	µg/L						
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L						
1,2,4-Trichlorobenzene	ND	2.0	µg/L						
Hexachlorobutadiene	ND	2.0	µg/L						
Naphthalene	ND	5.0	µg/L						
1,2,3-Trichlorobenzene	ND	2.0	µg/L						
Surr: Dibromofluoromethane	25.46	2.0	µg/L	25	0	102	68	122	0
Surr: 1,2-Dichloroethane-d4	27.07	2.0	µg/L	25	0	108	69	130	0
Surr: Toluene-d8	25.5	2.0	µg/L	25	0	102	69	121	0
Surr: 4-Bromofluorobenzene	24.67	2.0	µg/L	25	0	98.7	62	129	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

Sample ID: mb-11/06/15 **Batch ID:** R56729 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/6/2015 10:08:00 AM **Prep Date:** 11/6/2015
Client ID: **Run ID:** V-2_151106A **SeqNo:** 951486

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	ND	5.0	µg/L									
Chloromethane	ND	5.0	µg/L									
Vinyl chloride	ND	2.0	µg/L									
Chloroethane	ND	5.0	µg/L									
Bromomethane	ND	2.0	µg/L									
Trichlorofluoromethane	ND	2.0	µg/L									
Diethyl ether	ND	5.0	µg/L									
Acetone	ND	10	µg/L									
1,1-Dichloroethene	ND	1.0	µg/L									
Carbon disulfide	ND	2.0	µg/L									
Methylene chloride	ND	5.0	µg/L									
Methyl tert-butyl ether	ND	2.0	µg/L									
trans-1,2-Dichloroethene	ND	2.0	µg/L									
1,1-Dichloroethane	ND	2.0	µg/L									
2-Butanone	ND	10	µg/L									
2,2-Dichloropropane	ND	2.0	µg/L									
cis-1,2-Dichloroethene	ND	2.0	µg/L									
Chloroform	ND	2.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Bromochloromethane	ND	2.0	µg/L									
1,1,1-Trichloroethane	ND	2.0	µg/L									
1,1-Dichloropropene	ND	2.0	µg/L									
Carbon tetrachloride	ND	2.0	µg/L									
1,2-Dichloroethane	ND	2.0	µg/L									
Benzene	ND	1.0	µg/L									

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Method Blank

sec-Butylbenzene	ND	2.0	µg/L						
4-Isopropyltoluene	ND	2.0	µg/L						
1,3-Dichlorobenzene	ND	2.0	µg/L						
1,4-Dichlorobenzene	ND	2.0	µg/L						
n-Butylbenzene	ND	2.0	µg/L						
1,2-Dichlorobenzene	ND	2.0	µg/L						
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L						
1,2,4-Trichlorobenzene	ND	2.0	µg/L						
Hexachlorobutadiene	ND	2.0	µg/L						
Naphthalene	ND	5.0	µg/L						
1,2,3-Trichlorobenzene	ND	2.0	µg/L						
Surr: Dibromofluoromethane	23.64	2.0	µg/L	25	0	94.6	68	122	0
Surr: 1,2-Dichloroethane-d4	25.65	2.0	µg/L	25	0	103	69	130	0
Surr: Toluene-d8	24.74	2.0	µg/L	25	0	99	69	121	0
Surr: 4-Bromofluorobenzene	25.62	2.0	µg/L	25	0	102	62	129	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

Sample ID: mb-11/09/15 Batch ID: R56738 Test Code: SW8260C Units: µg/L Analysis Date: 11/9/2015 11:00:00 AM Prep Date: 11/9/2015

Client ID: Run ID: V-2_151109A SeqNo: 951701

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	ND	5.0	µg/L									
Chloromethane	ND	5.0	µg/L									
Vinyl chloride	ND	2.0	µg/L									
Chloroethane	ND	5.0	µg/L									
Bromomethane	ND	2.0	µg/L									
Trichlorofluoromethane	ND	2.0	µg/L									
Diethyl ether	ND	5.0	µg/L									
Acetone	ND	10	µg/L									
1,1-Dichloroethene	ND	1.0	µg/L									
Carbon disulfide	ND	2.0	µg/L									
Methylene chloride	ND	5.0	µg/L									
Methyl tert-butyl ether	ND	2.0	µg/L									
trans-1,2-Dichloroethene	ND	2.0	µg/L									
1,1-Dichloroethane	ND	2.0	µg/L									
2-Butanone	ND	10	µg/L									
2,2-Dichloropropane	ND	2.0	µg/L									
cis-1,2-Dichloroethene	ND	2.0	µg/L									
Chloroform	ND	2.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Bromochloromethane	ND	2.0	µg/L									
1,1,1-Trichloroethane	ND	2.0	µg/L									
1,1-Dichloropropene	ND	2.0	µg/L									
Carbon tetrachloride	ND	2.0	µg/L									
1,2-Dichloroethane	ND	2.0	µg/L									
Benzene	ND	1.0	µg/L									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

sec-Butylbenzene	ND	2.0	µg/L						
4-Isopropyltoluene	ND	2.0	µg/L						
1,3-Dichlorobenzene	ND	2.0	µg/L						
1,4-Dichlorobenzene	ND	2.0	µg/L						
n-Butylbenzene	ND	2.0	µg/L						
1,2-Dichlorobenzene	ND	2.0	µg/L						
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L						
1,2,4-Trichlorobenzene	ND	2.0	µg/L						
Hexachlorobutadiene	ND	2.0	µg/L						
Naphthalene	ND	5.0	µg/L						
1,2,3-Trichlorobenzene	ND	2.0	µg/L						
Surr: Dibromofluoromethane	23.29	2.0	µg/L	25	0	93.2	68	122	0
Surr: 1,2-Dichloroethane-d4	24.79	2.0	µg/L	25	0	99.2	69	130	0
Surr: Toluene-d8	22.4	2.0	µg/L	25	0	89.6	69	121	0
Surr: 4-Bromofluorobenzene	25.04	2.0	µg/L	25	0	100	62	129	0

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

Sample ID: mb-11/09/15 **Batch ID:** R56742 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/9/2015 10:23:00 AM **Prep Date:** 11/9/2015
Client ID: **Run ID:** V-3_151109A **SeqNo:** 951782

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	ND	5.0	µg/L									
Chloromethane	ND	5.0	µg/L									
Vinyl chloride	ND	2.0	µg/L									
Chloroethane	ND	5.0	µg/L									
Bromomethane	ND	2.0	µg/L									
Trichlorofluoromethane	ND	2.0	µg/L									
Diethyl ether	ND	5.0	µg/L									
Acetone	ND	10	µg/L									
1,1-Dichloroethene	ND	1.0	µg/L									
Carbon disulfide	ND	2.0	µg/L									
Methylene chloride	ND	5.0	µg/L									
Methyl tert-butyl ether	ND	2.0	µg/L									
trans-1,2-Dichloroethene	ND	2.0	µg/L									
1,1-Dichloroethane	ND	2.0	µg/L									
2-Butanone	ND	10	µg/L									
2,2-Dichloropropane	ND	2.0	µg/L									
cis-1,2-Dichloroethene	ND	2.0	µg/L									
Chloroform	ND	2.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Bromochloromethane	ND	2.0	µg/L									
1,1,1-Trichloroethane	ND	2.0	µg/L									
1,1-Dichloropropene	ND	2.0	µg/L									
Carbon tetrachloride	ND	2.0	µg/L									
1,2-Dichloroethane	ND	2.0	µg/L									
Benzene	ND	1.0	µg/L									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Method Blank

Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

sec-Butylbenzene	ND	2.0	µg/L						
4-Isopropyltoluene	ND	2.0	µg/L						
1,3-Dichlorobenzene	ND	2.0	µg/L						
1,4-Dichlorobenzene	ND	2.0	µg/L						
n-Butylbenzene	ND	2.0	µg/L						
1,2-Dichlorobenzene	ND	2.0	µg/L						
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L						
1,2,4-Trichlorobenzene	ND	2.0	µg/L						
Hexachlorobutadiene	ND	2.0	µg/L						
Naphthalene	ND	5.0	µg/L						
1,2,3-Trichlorobenzene	ND	2.0	µg/L						
Surr: Dibromofluoromethane	27.27	2.0	µg/L	25	0	109	68	122	0
Surr: 1,2-Dichloroethane-d4	30.65	2.0	µg/L	25	0	123	69	130	0
Surr: Toluene-d8	25.72	2.0	µg/L	25	0	103	69	121	0
Surr: 4-Bromofluorobenzene	23.14	2.0	µg/L	25	0	92.6	62	129	0

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

Sample ID: mb-11/10/15 **Batch ID:** R56752 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/10/2015 11:54:00 A **Prep Date:** 11/10/2015
Client ID: **Run ID:** V-2_151110A **SeqNo:** 951860

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	ND	5.0	µg/L									
Chloromethane	ND	5.0	µg/L									
Vinyl chloride	ND	2.0	µg/L									
Chloroethane	ND	5.0	µg/L									
Bromomethane	ND	2.0	µg/L									
Trichlorofluoromethane	ND	2.0	µg/L									
Diethyl ether	ND	5.0	µg/L									
Acetone	ND	10	µg/L									
1,1-Dichloroethene	ND	1.0	µg/L									
Carbon disulfide	ND	2.0	µg/L									
Methylene chloride	ND	5.0	µg/L									
Methyl tert-butyl ether	ND	2.0	µg/L									
trans-1,2-Dichloroethene	ND	2.0	µg/L									
1,1-Dichloroethane	ND	2.0	µg/L									
2-Butanone	ND	10	µg/L									
2,2-Dichloropropane	ND	2.0	µg/L									
cis-1,2-Dichloroethene	ND	2.0	µg/L									
Chloroform	ND	2.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Bromochloromethane	ND	2.0	µg/L									
1,1,1-Trichloroethane	ND	2.0	µg/L									
1,1-Dichloropropene	ND	2.0	µg/L									
Carbon tetrachloride	ND	2.0	µg/L									
1,2-Dichloroethane	ND	2.0	µg/L									
Benzene	ND	1.0	µg/L									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Method Blank

sec-Butylbenzene	ND	2.0	µg/L						
4-Isopropyltoluene	ND	2.0	µg/L						
1,3-Dichlorobenzene	ND	2.0	µg/L						
1,4-Dichlorobenzene	ND	2.0	µg/L						
n-Butylbenzene	ND	2.0	µg/L						
1,2-Dichlorobenzene	ND	2.0	µg/L						
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L						
1,2,4-Trichlorobenzene	ND	2.0	µg/L						
Hexachlorobutadiene	ND	2.0	µg/L						
Naphthalene	ND	5.0	µg/L						
1,2,3-Trichlorobenzene	ND	2.0	µg/L						
Surr: Dibromofluoromethane	23.73	2.0	µg/L	25	0	94.9	68	122	0
Surr: 1,2-Dichloroethane-d4	25.38	2.0	µg/L	25	0	102	69	130	0
Surr: Toluene-d8	22.92	2.0	µg/L	25	0	91.7	69	121	0
Surr: 4-Bromofluorobenzene	23.88	2.0	µg/L	25	0	95.5	62	129	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: lcs-11/04/15 **Batch ID:** R56713 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/4/2015 9:16:00 AM **Prep Date:** 11/4/2016
Client ID: **Run ID:** V-2_151104A **SeqNo:** 951122

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	29.71	5.0	µg/L	20	0	149	23	183	0			
Chloromethane	31.61	5.0	µg/L	20	0	158	58	152	0			S
Vinyl chloride	28.44	2.0	µg/L	20	0	142	66	156	0			
Chloroethane	23.05	5.0	µg/L	20	0	115	66	141	0			
Bromomethane	19.89	2.0	µg/L	20	0	99.4	58	143	0			
Trichlorofluoromethane	25.62	2.0	µg/L	20	0	128	71	160	0			
Diethyl ether	24.55	5.0	µg/L	20	0	123	70	127	0			
Acetone	28.76	10	µg/L	40	0	71.9	12	104	0			
1,1-Dichloroethene	23.94	1.0	µg/L	20	0	120	77	139	0			
Carbon disulfide	26.92	2.0	µg/L	20	0	135	62	140	0			
Methylene chloride	28.86	5.0	µg/L	20	0	144	75	136	0			S
Methyl tert-butyl ether	23.1	2.0	µg/L	20	0	116	74	133	0			
trans-1,2-Dichloroethene	20.1	2.0	µg/L	20	0	100	80	134	0			
1,1-Dichloroethane	25.62	2.0	µg/L	20	0	128	84	135	0			
2-Butanone	27.16	10	µg/L	40	0	67.9	22	117	0			
2,2-Dichloropropane	24.08	2.0	µg/L	20	0	120	69	151	0			
cis-1,2-Dichloroethene	21.16	2.0	µg/L	20	0	106	78	133	0			
Chloroform	21.19	2.0	µg/L	20	0	106	80	128	0			
Tetrahydrofuran	18.97	10	µg/L	20	0	94.8	59	148	0			
Bromochloromethane	21.46	2.0	µg/L	20	0	107	74	139	0			
1,1,1-Trichloroethane	23.32	2.0	µg/L	20	0	117	72	139	0			
1,1-Dichloropropene	22.89	2.0	µg/L	20	0	114	78	130	0			
Carbon tetrachloride	23.26	2.0	µg/L	20	0	116	63	136	0			
1,2-Dichloroethane	21.24	2.0	µg/L	20	0	106	71	133	0			
Benzene	22.93	1.0	µg/L	20	0	115	85	131	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike

Trichloroethene	21.23	2.0	µg/L	20	0	106	83	129	0
1,2-Dichloropropane	25.42	2.0	µg/L	20	0	127	82	130	0
Bromodichloromethane	23.56	2.0	µg/L	20	0	118	71	137	0
Dibromomethane	19.65	2.0	µg/L	20	0	98.2	78	127	0
4-Methyl-2-pentanone	30.33	10	µg/L	40	0	75.8	50	122	0
cis-1,3-Dichloropropene	19.57	1.0	µg/L	20	0	97.8	66	127	0
Toluene	21.47	2.0	µg/L	20	0	107	83	133	0
trans-1,3-Dichloropropene	17.8	1.0	µg/L	20	0	89	59	129	0
1,1,2-Trichloroethane	20.94	2.0	µg/L	20	0	105	78	128	0
1,2-Dibromoethane	20.16	2.0	µg/L	20	0	101	68	133	0
2-Hexanone	31.63	10	µg/L	40	0	79.1	21	121	0
1,3-Dichloropropane	24.15	2.0	µg/L	20	0	121	82	129	0
Tetrachloroethene	20.68	2.0	µg/L	20	0	103	80	138	0
Dibromochloromethane	17.89	2.0	µg/L	20	0	89.4	60	126	0
Chlorobenzene	20.59	2.0	µg/L	20	0	103	85	126	0
1,1,1,2-Tetrachloroethane	19.91	2.0	µg/L	20	0	99.6	67	130	0
Ethylbenzene	22.13	2.0	µg/L	20	0	111	84	135	0
m,p-Xylene	44.25	2.0	µg/L	40	0	111	82	133	0
o-Xylene	20.68	2.0	µg/L	20	0	103	80	132	0
Styrene	22.16	2.0	µg/L	20	0	111	82	133	0
Bromoform	19.8	2.0	µg/L	20	0	99	46	118	0
Isopropylbenzene	20.9	2.0	µg/L	20	0	104	79	138	0
1,1,2,2-Tetrachloroethane	22.27	2.0	µg/L	20	0	111	69	130	0
1,2,3-Trichloropropane	19.8	2.0	µg/L	20	0	99	74	131	0
Bromobenzene	20.91	2.0	µg/L	20	0	105	82	126	0
n-Propylbenzene	22.4	2.0	µg/L	20	0	112	79	136	0
2-Chlorotoluene	21.43	2.0	µg/L	20	0	107	78	130	0
4-Chlorotoluene	21.21	2.0	µg/L	20	0	106	77	134	0
1,3,5-Trimethylbenzene	20.8	2.0	µg/L	20	0	104	78	135	0
tert-Butylbenzene	20.65	2.0	µg/L	20	0	103	79	136	0
1,2,4-Trimethylbenzene	20.53	2.0	µg/L	20	0	103	79	134	0

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike

sec-Butylbenzene	22.54	2.0	µg/L	20	0	113	82	137	0
4-Isopropyltoluene	22.17	2.0	µg/L	20	0	111	81	137	0
1,3-Dichlorobenzene	20.55	2.0	µg/L	20	0	103	80	130	0
1,4-Dichlorobenzene	19.3	2.0	µg/L	20	0	96.5	83	126	0
n-Butylbenzene	23.58	2.0	µg/L	20	0	118	79	140	0
1,2-Dichlorobenzene	20.2	2.0	µg/L	20	0	101	81	127	0
1,2-Dibromo-3-chloropropane	18.54	5.0	µg/L	20	0	92.7	42	135	0
1,2,4-Trichlorobenzene	22.61	2.0	µg/L	20	0	113	74	139	0
Hexachlorobutadiene	22.04	2.0	µg/L	20	0	110	64	134	0
Naphthalene	20.5	5.0	µg/L	20	0	103	69	130	0
1,2,3-Trichlorobenzene	22.42	2.0	µg/L	20	0	112	75	134	0
Surr: Dibromofluoromethane	24.19	2.0	µg/L	25	0	96.8	68	122	0
Surr: 1,2-Dichloroethane-d4	25.81	2.0	µg/L	25	0	103	69	130	0
Surr: Toluene-d8	23.97	2.0	µg/L	25	0	95.9	69	121	0
Surr: 4-Bromofluorobenzene	24.01	2.0	µg/L	25	0	96	62	129	0

Qualifiers:
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R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID: lcsd-11/04/15 **Batch ID:** R56713 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/4/2015 9:51:00 AM **Prep Date:** 11/4/2016
Client ID: **Run ID:** V-2_151104A **SeqNo:** 951121

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	29.56	5.0	µg/L	20	0	148	23	183	29.71	0.506	20	
Chloromethane	29.33	5.0	µg/L	20	0	147	58	152	31.61	7.48	20	
Vinyl chloride	25.7	2.0	µg/L	20	0	128	66	156	28.44	10.1	20	
Chloroethane	22.01	5.0	µg/L	20	0	110	66	141	23.05	4.62	20	
Bromomethane	17.51	2.0	µg/L	20	0	87.6	58	143	19.89	12.7	20	
Trichlorofluoromethane	25.37	2.0	µg/L	20	0	127	71	160	25.62	0.981	20	
Diethyl ether	24.47	5.0	µg/L	20	0	122	70	127	24.55	0.326	20	
Acetone	22.46	10	µg/L	40	0	56.2	12	104	28.76	24.6	20	R
1,1-Dichloroethene	22.58	1.0	µg/L	20	0	113	77	139	23.94	5.85	20	
Carbon disulfide	23.74	2.0	µg/L	20	0	119	62	140	26.92	12.6	20	
Methylene chloride	26.37	5.0	µg/L	20	0	132	75	136	28.88	9.09	20	
Methyl tert-butyl ether	20.93	2.0	µg/L	20	0	105	74	133	23.1	9.86	20	
trans-1,2-Dichloroethene	19.76	2.0	µg/L	20	0	98.8	80	134	20.1	1.71	20	
1,1-Dichloroethane	23.37	2.0	µg/L	20	0	117	84	135	25.62	9.19	20	
2-Butanone	27.24	10	µg/L	40	0	68.1	22	117	27.16	0.294	20	
2,2-Dichloropropane	23.41	2.0	µg/L	20	0	117	69	151	24.06	2.74	20	
cis-1,2-Dichloroethene	20.26	2.0	µg/L	20	0	101	78	133	21.16	4.35	20	
Chloroform	22.26	2.0	µg/L	20	0	111	80	128	21.19	4.93	20	
Tetrahydrofuran	20.11	10	µg/L	20	0	101	59	148	18.97	5.83	20	
Bromochloromethane	20.24	2.0	µg/L	20	0	101	74	139	21.46	5.85	20	
1,1,1-Trichloroethane	21.04	2.0	µg/L	20	0	105	72	139	23.32	10.3	20	
1,1-Dichloropropene	24.04	2.0	µg/L	20	0	120	78	130	22.89	4.9	20	
Carbon tetrachloride	23.25	2.0	µg/L	20	0	116	63	136	23.26	0.043	20	
1,2-Dichloroethane	21.91	2.0	µg/L	20	0	110	71	133	21.24	3.11	20	
Benzene	24.09	1.0	µg/L	20	0	120	85	131	22.93	4.93	20	

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Trichloroethene	22.52	2.0	µg/L	20	0	113	83	129	21.23	5.9	20
1,2-Dichloropropane	24.16	2.0	µg/L	20	0	121	82	130	25.42	5.08	20
Bromodichloromethane	25.06	2.0	µg/L	20	0	125	71	137	23.56	6.17	20
Dibromomethane	20.89	2.0	µg/L	20	0	104	78	127	19.65	6.12	20
4-Methyl-2-pentanone	32.08	10	µg/L	40	0	80.2	50	122	30.33	5.61	20
cis-1,3-Dichloropropene	23.25	1.0	µg/L	20	0	116	66	127	19.57	17.2	20
Toluene	22.26	2.0	µg/L	20	0	111	63	133	21.47	3.61	20
trans-1,3-Dichloropropene	18.34	1.0	µg/L	20	0	91.7	59	129	17.8	2.99	20
1,1,2-Trichloroethane	21.31	2.0	µg/L	20	0	107	78	128	20.94	1.75	20
1,2-Dibromoethane	20.81	2.0	µg/L	20	0	104	68	133	20.16	3.17	20
2-Hexanone	31.91	10	µg/L	40	0	79.8	21	121	31.63	0.881	20
1,3-Dichloropropane	24.3	2.0	µg/L	20	0	122	82	129	24.15	0.619	20
Tetrachloroethene	21.35	2.0	µg/L	20	0	107	80	138	20.68	3.19	20
Dibromochloromethane	18.47	2.0	µg/L	20	0	92.4	60	126	17.89	3.19	20
Chlorobenzene	21.93	2.0	µg/L	20	0	110	85	126	20.59	6.3	20
1,1,1,2-Tetrachloroethane	19.48	2.0	µg/L	20	0	97.4	67	130	19.91	2.18	20
Ethylbenzene	23.33	2.0	µg/L	20	0	117	84	135	22.13	5.28	20
m,p-Xylene	46.19	2.0	µg/L	40	0	115	82	133	44.25	4.29	20
o-Xylene	21.63	2.0	µg/L	20	0	108	80	132	20.68	4.49	20
Styrene	23.39	2.0	µg/L	20	0	117	82	133	22.16	5.4	20
Bromoform	20.84	2.0	µg/L	20	0	104	46	118	19.8	5.12	20
Isopropylbenzene	21.55	2.0	µg/L	20	0	108	79	138	20.9	3.06	20
1,1,2,2-Tetrachloroethane	21.95	2.0	µg/L	20	0	110	69	130	22.27	1.45	20
1,2,3-Trichloropropane	20.79	2.0	µg/L	20	0	104	74	131	19.8	4.88	20
Bromobenzene	19.65	2.0	µg/L	20	0	98.2	82	126	20.91	6.21	20
n-Propylbenzene	23.47	2.0	µg/L	20	0	117	79	138	22.4	4.67	20
2-Chlorotoluene	22.06	2.0	µg/L	20	0	110	78	130	21.43	2.9	20
4-Chlorotoluene	22.13	2.0	µg/L	20	0	111	77	134	21.21	4.25	20
1,3,5-Trimethylbenzene	20.74	2.0	µg/L	20	0	104	78	135	20.8	0.289	20
tert-Butylbenzene	21.62	2.0	µg/L	20	0	108	79	136	20.65	4.59	20
1,2,4-Trimethylbenzene	20.94	2.0	µg/L	20	0	105	79	134	20.53	1.98	20

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

sec-Butylbenzene	22.87	2.0	µg/L	20	0	114	82	137	22.54	1.45	20
4-Isopropyltoluene	22.63	2.0	µg/L	20	0	113	81	137	22.17	2.05	20
1,3-Dichlorobenzene	20.45	2.0	µg/L	20	0	102	80	130	20.55	0.488	20
1,4-Dichlorobenzene	19.84	2.0	µg/L	20	0	99.2	63	126	19.3	2.76	20
n-Butylbenzene	24.09	2.0	µg/L	20	0	120	79	140	23.58	2.14	20
1,2-Dichlorobenzene	20.94	2.0	µg/L	20	0	105	81	127	20.2	3.6	20
1,2-Dibromo-3-chloropropane	17.97	5.0	µg/L	20	0	89.8	42	135	18.54	3.12	20
1,2,4-Trichlorobenzene	23.09	2.0	µg/L	20	0	115	74	139	22.61	2.1	20
Hexachlorobutadiene	20.4	2.0	µg/L	20	0	102	64	134	22.04	7.73	20
Naphthalene	21.32	5.0	µg/L	20	0	107	69	130	20.5	3.92	20
1,2,3-Trichlorobenzene	23.29	2.0	µg/L	20	0	116	75	134	22.42	3.81	20
Surr: Dibromofluoromethane	24.79	2.0	µg/L	25	0	99.2	68	122	0	0	0
Surr: 1,2-Dichloroethane-d4	25.09	2.0	µg/L	25	0	100	69	130	0	0	0
Surr: Toluene-d8	25.02	2.0	µg/L	25	0	100	69	121	0	0	0
Surr: 4-Bromofluorobenzene	26.21	2.0	µg/L	25	0	105	62	129	0	0	0

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NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: lcs-11/06/15 **Batch ID:** R58729 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/6/2015 8:22:00 AM **Prep Date:** 11/6/2015
Client ID: **Run ID:** V-2_151106A **SeqNo:** 951488

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	25.96	5.0	µg/L	20	0	130	23	183	0			
Chloromethane	21.93	5.0	µg/L	20	0	110	58	152	0			
Vinyl chloride	21.53	2.0	µg/L	20	0	108	66	156	0			
Chloroethane	19.41	5.0	µg/L	20	0	97	66	141	0			
Bromomethane	16.04	2.0	µg/L	20	0	80.2	58	143	0			
Trichlorofluoromethane	23.31	2.0	µg/L	20	0	117	71	160	0			
Diethyl ether	21.94	5.0	µg/L	20	0	110	70	127	0			
Acetone	24.65	10	µg/L	40	0	61.6	12	104	0			
1,1-Dichloroethene	20.96	1.0	µg/L	20	0	105	77	139	0			
Carbon disulfide	19.23	2.0	µg/L	20	0	96.2	62	140	0			
Methylene chloride	21.26	5.0	µg/L	20	0	106	75	136	0			
Methyl tert-butyl ether	19.53	2.0	µg/L	20	0	97.6	74	133	0			
trans-1,2-Dichloroethene	18.4	2.0	µg/L	20	0	92	80	134	0			
1,1-Dichloroethane	20.97	2.0	µg/L	20	0	105	84	135	0			
2-Butanone	30.65	10	µg/L	40	0	76.6	22	117	0			
2,2-Dichloropropane	22.01	2.0	µg/L	20	0	110	69	151	0			
cis-1,2-Dichloroethene	18.75	2.0	µg/L	20	0	93.8	78	133	0			
Chloroform	19.42	2.0	µg/L	20	0	97.1	80	128	0			
Tetrahydrofuran	20.98	10	µg/L	20	0	105	59	148	0			
Bromochloromethane	19.79	2.0	µg/L	20	0	99	74	139	0			
1,1,1-Trichloroethane	21.25	2.0	µg/L	20	0	106	72	139	0			
1,1-Dichloropropene	20.47	2.0	µg/L	20	0	102	78	130	0			
Carbon tetrachloride	21.55	2.0	µg/L	20	0	108	63	136	0			
1,2-Dichloroethane	20.45	2.0	µg/L	20	0	102	71	133	0			
Benzene	20.76	1.0	µg/L	20	0	104	85	131	0			

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
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NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Laboratory Control Spike

Trichloroethene	20.39	2.0	µg/L	20	0	102	83	129	0
1,2-Dichloropropane	20.32	2.0	µg/L	20	0	102	82	130	0
Bromodichloromethane	20.94	2.0	µg/L	20	0	105	71	137	0
Dibromomethane	19.38	2.0	µg/L	20	0	96.9	78	127	0
4-Methyl-2-pentanone	36.83	10	µg/L	40	0	92.1	50	122	0
cis-1,3-Dichloropropene	21.49	1.0	µg/L	20	0	107	66	127	0
Toluene	20.34	2.0	µg/L	20	0	102	83	133	0
trans-1,3-Dichloropropene	16.91	1.0	µg/L	20	0	84.6	59	129	0
1,1,2-Trichloroethane	21.52	2.0	µg/L	20	0	108	78	128	0
1,2-Dibromoethane	20.52	2.0	µg/L	20	0	103	68	133	0
2-Hexanone	33.05	10	µg/L	40	0	82.6	21	121	0
1,3-Dichloropropane	23.57	2.0	µg/L	20	0	118	82	129	0
Tetrachloroethene	23.26	2.0	µg/L	20	0	116	80	138	0
Dibromochloromethane	18.81	2.0	µg/L	20	0	94.1	60	126	0
Chlorobenzene	21.45	2.0	µg/L	20	0	107	85	126	0
1,1,1,2-Tetrachloroethane	20.77	2.0	µg/L	20	0	104	67	130	0
Ethylbenzene	23.13	2.0	µg/L	20	0	116	84	135	0
m,p-Xylene	45.09	2.0	µg/L	40	0	113	82	133	0
o-Xylene	22.77	2.0	µg/L	20	0	114	80	132	0
Styrene	23.08	2.0	µg/L	20	0	115	82	133	0
Bromoform	22.06	2.0	µg/L	20	0	110	46	118	0
Isopropylbenzene	21.67	2.0	µg/L	20	0	108	79	138	0
1,1,2,2-Tetrachloroethane	23.64	2.0	µg/L	20	0	118	69	130	0
1,2,3-Trichloropropane	21.62	2.0	µg/L	20	0	108	74	131	0
Bromobenzene	20.44	2.0	µg/L	20	0	102	82	126	0
n-Propylbenzene	23.51	2.0	µg/L	20	0	118	79	138	0
2-Chlorotoluene	21.02	2.0	µg/L	20	0	105	78	130	0
4-Chlorotoluene	21.25	2.0	µg/L	20	0	106	77	134	0
1,3,5-Trimethylbenzene	21.67	2.0	µg/L	20	0	108	78	135	0
tert-Butylbenzene	22.16	2.0	µg/L	20	0	111	79	136	0
1,2,4-Trimethylbenzene	21.41	2.0	µg/L	20	0	107	79	134	0

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike

sec-Butylbenzene	22.42	2.0	µg/L	20	0	112	82	137	0
4-Isopropyltoluene	22.53	2.0	µg/L	20	0	113	81	137	0
1,3-Dichlorobenzene	21.69	2.0	µg/L	20	0	108	80	130	0
1,4-Dichlorobenzene	20.11	2.0	µg/L	20	0	101	83	126	0
n-Butylbenzene	23.34	2.0	µg/L	20	0	117	79	140	0
1,2-Dichlorobenzene	21.39	2.0	µg/L	20	0	107	81	127	0
1,2-Dibromo-3-chloropropane	19.63	5.0	µg/L	20	0	98.2	42	135	0
1,2,4-Trichlorobenzene	23.44	2.0	µg/L	20	0	117	74	139	0
Hexachlorobutadiene	21.7	2.0	µg/L	20	0	108	64	134	0
Naphthalene	22.68	5.0	µg/L	20	0	113	69	130	0
1,2,3-Trichlorobenzene	22.39	2.0	µg/L	20	0	112	75	134	0
Surr: Dibromofluoromethane	24.61	2.0	µg/L	25	0	98.4	68	122	0
Surr: 1,2-Dichloroethane-d4	26	2.0	µg/L	25	0	104	69	130	0
Surr: Toluene-d8	24.54	2.0	µg/L	25	0	98.2	69	121	0
Surr: 4-Bromofluorobenzene	24.88	2.0	µg/L	25	0	99.5	62	129	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID: lcsd-11/06/15 **Batch ID:** R56729 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/6/2015 8:67:00 AM **Prep Date:** 11/6/2015
Client ID: **Run ID:** V-2_151106A **SeqNo:** 951487

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	25.38	5.0	µg/L	20	0	127	23	183	25.96	2.26	20	
Chloromethane	21.73	5.0	µg/L	20	0	109	58	152	21.93	0.916	20	
Vinyl chloride	21.64	2.0	µg/L	20	0	108	66	156	21.53	0.51	20	
Chloroethane	19.97	5.0	µg/L	20	0	99.8	66	141	19.41	2.84	20	
Bromomethane	17.04	2.0	µg/L	20	0	85.2	58	143	16.04	6.05	20	
Trichlorofluoromethane	24.4	2.0	µg/L	20	0	122	71	160	23.31	4.57	20	
Diethyl ether	21.49	5.0	µg/L	20	0	107	70	127	21.94	2.07	20	
Acetone	24.03	10	µg/L	40	0	60.1	12	104	24.65	2.55	20	
1,1-Dichloroethene	20.85	1.0	µg/L	20	0	104	77	139	20.96	0.526	20	
Carbon disulfide	20.52	2.0	µg/L	20	0	103	62	140	19.23	6.49	20	
Methylene chloride	23.08	5.0	µg/L	20	0	115	75	136	21.28	8.12	20	
Methyl tert-butyl ether	20.75	2.0	µg/L	20	0	104	74	133	19.53	6.06	20	
trans-1,2-Dichloroethene	18.67	2.0	µg/L	20	0	93.4	80	134	18.4	1.46	20	
1,1-Dichloroethane	20.68	2.0	µg/L	20	0	103	84	135	20.97	1.39	20	
2-Butanone	24.31	10	µg/L	40	0	60.8	22	117	30.65	23.1	20	R
2,2-Dichloropropane	21.68	2.0	µg/L	20	0	108	69	151	22.01	1.51	20	
cis-1,2-Dichloroethene	19.63	2.0	µg/L	20	0	98.2	78	133	18.75	4.59	20	
Chloroform	20.52	2.0	µg/L	20	0	103	80	128	19.42	5.51	20	
Tetrahydrofuran	19.39	10	µg/L	20	0	97	59	148	20.98	7.88	20	
Bromochloromethane	21.01	2.0	µg/L	20	0	105	74	139	19.79	5.98	20	
1,1,1-Trichloroethane	21.19	2.0	µg/L	20	0	106	72	139	21.25	0.283	20	
1,1-Dichloropropene	21.96	2.0	µg/L	20	0	110	78	130	20.47	7.02	20	
Carbon tetrachloride	21.93	2.0	µg/L	20	0	110	63	136	21.55	1.75	20	
1,2-Dichloroethane	20.37	2.0	µg/L	20	0	102	71	133	20.45	0.392	20	
Benzene	21.36	1.0	µg/L	20	0	107	85	131	20.76	2.85	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Trichloroethene	19.38	2.0	µg/L	20	0	96.9	83	129	20.39	5.08	20
1,2-Dichloropropane	22.55	2.0	µg/L	20	0	113	82	130	20.32	10.4	20
Bromodichloromethane	24.14	2.0	µg/L	20	0	121	71	137	20.94	14.2	20
Dibromomethane	22.22	2.0	µg/L	20	0	111	78	127	19.38	13.7	20
4-Methyl-2-pentanone	38.51	10	µg/L	40	0	96.3	50	122	36.83	4.46	20
cis-1,3-Dichloropropene	22.12	1.0	µg/L	20	0	111	66	127	21.49	2.89	20
Toluene	21.82	2.0	µg/L	20	0	109	83	133	20.34	7.02	20
trans-1,3-Dichloropropene	17.26	1.0	µg/L	20	0	86.3	59	129	16.91	2.05	20
1,1,2-Trichloroethane	22.04	2.0	µg/L	20	0	110	78	128	21.52	2.39	20
1,2-Dibromoethane	21	2.0	µg/L	20	0	105	68	133	20.52	2.31	20
2-Hexanone	30.84	10	µg/L	40	0	77.1	21	121	33.05	6.92	20
1,3-Dichloropropane	23.09	2.0	µg/L	20	0	115	82	129	23.57	2.06	20
Tetrachloroethene	21.79	2.0	µg/L	20	0	109	80	138	23.26	6.53	20
Dibromochloromethane	18.38	2.0	µg/L	20	0	91.9	60	126	18.81	2.31	20
Chlorobenzene	21.91	2.0	µg/L	20	0	110	85	126	21.45	2.12	20
1,1,1,2-Tetrachloroethane	20.36	2.0	µg/L	20	0	102	67	130	20.77	1.99	20
Ethylbenzene	23.13	2.0	µg/L	20	0	116	84	135	23.13	0	20
m,p-Xylene	46.74	2.0	µg/L	40	0	117	82	133	45.09	3.59	20
o-Xylene	22.18	2.0	µg/L	20	0	111	80	132	22.77	2.63	20
Styrene	22.95	2.0	µg/L	20	0	115	82	133	23.08	0.565	20
Bromoform	21.08	2.0	µg/L	20	0	105	46	118	22.06	4.54	20
Isopropylbenzene	21.57	2.0	µg/L	20	0	108	79	138	21.67	0.463	20
1,1,2,2-Tetrachloroethane	22.85	2.0	µg/L	20	0	114	69	130	23.64	3.4	20
1,2,3-Trichloropropane	21.8	2.0	µg/L	20	0	109	74	131	21.62	0.829	20
Bromobenzene	20.85	2.0	µg/L	20	0	104	82	126	20.44	1.99	20
n-Propylbenzene	22.04	2.0	µg/L	20	0	110	79	138	23.51	6.45	20
2-Chlorotoluene	21.79	2.0	µg/L	20	0	109	78	130	21.02	3.6	20
4-Chlorotoluene	22	2.0	µg/L	20	0	110	77	134	21.25	3.47	20
1,3,5-Trimethylbenzene	21.01	2.0	µg/L	20	0	105	78	135	21.67	3.09	20
tert-Butylbenzene	22.57	2.0	µg/L	20	0	113	79	136	22.16	1.83	20
1,2,4-Trimethylbenzene	21.7	2.0	µg/L	20	0	108	79	134	21.41	1.35	20

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

sec-Butylbenzene	22.42	2.0	µg/L	20	0	112	82	137	22.42	0	20
4-Isopropyltoluene	22.69	2.0	µg/L	20	0	113	81	137	22.53	0.708	20
1,3-Dichlorobenzene	21.56	2.0	µg/L	20	0	108	80	130	21.69	0.601	20
1,4-Dichlorobenzene	20.47	2.0	µg/L	20	0	102	83	126	20.11	1.77	20
n-Butylbenzene	23.3	2.0	µg/L	20	0	116	79	140	23.34	0.172	20
1,2-Dichlorobenzene	21.53	2.0	µg/L	20	0	108	81	127	21.39	0.652	20
1,2-Dibromo-3-chloropropane	19.93	5.0	µg/L	20	0	99.7	42	135	19.63	1.52	20
1,2,4-Trichlorobenzene	23.27	2.0	µg/L	20	0	116	74	139	23.44	0.728	20
Hexachlorobutadiene	18.97	2.0	µg/L	20	0	94.8	64	134	21.7	13.4	20
Naphthalene	21.58	5.0	µg/L	20	0	108	69	130	22.68	4.97	20
1,2,3-Trichlorobenzene	23.21	2.0	µg/L	20	0	116	75	134	22.39	3.6	20
Surr: Dibromofluoromethane	25.55	2.0	µg/L	25	0	102	68	122	0	0	0
Surr: 1,2-Dichloroethane-d4	25.85	2.0	µg/L	25	0	103	69	130	0	0	0
Surr: Toluene-d8	25.67	2.0	µg/L	25	0	103	69	121	0	0	0
Surr: 4-Bromofluorobenzene	25.5	2.0	µg/L	25	0	102	62	129	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: lcs-11/09/15 **Batch ID:** R56738 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/9/2015 9:16:00 AM **Prep Date:** 11/9/2015
Client ID: **Run ID:** V-2_151109A **SeqNo:** 951703

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	23.76	5.0	µg/L	20	0	119	23	183	0			
Chloromethane	32.36	5.0	µg/L	20	0	162	58	152	0			S
Vinyl chloride	29.85	2.0	µg/L	20	0	149	66	156	0			
Chloroethane	23.97	5.0	µg/L	20	0	120	66	141	0			
Bromomethane	18.8	2.0	µg/L	20	0	94	58	143	0			
Trichlorofluoromethane	24.71	2.0	µg/L	20	0	124	71	160	0			
Diethyl ether	24.59	5.0	µg/L	20	0	123	70	127	0			
Acetone	21.79	10	µg/L	40	0	54.5	12	104	0			
1,1-Dichloroethene	22.07	1.0	µg/L	20	0	110	77	139	0			
Carbon disulfide	26.74	2.0	µg/L	20	0	134	62	140	0			
Methylene chloride	31.56	5.0	µg/L	20	0	158	75	136	0			S
Methyl tert-butyl ether	20.54	2.0	µg/L	20	0	103	74	133	0			
trans-1,2-Dichloroethene	19.12	2.0	µg/L	20	0	95.6	80	134	0			
1,1-Dichloroethane	24.33	2.0	µg/L	20	0	122	84	135	0			
2-Butanone	22.15	10	µg/L	40	0	55.4	22	117	0			
2,2-Dichloropropane	24.4	2.0	µg/L	20	0	122	69	151	0			
cis-1,2-Dichloroethene	19.03	2.0	µg/L	20	0	95.2	78	133	0			
Chloroform	19.39	2.0	µg/L	20	0	97	80	128	0			
Tetrahydrofuran	15	10	µg/L	20	0	75	59	148	0			
Bromochloromethane	19.71	2.0	µg/L	20	0	98.6	74	139	0			
1,1,1-Trichloroethane	20.76	2.0	µg/L	20	0	104	72	139	0			
1,1-Dichloropropene	21.64	2.0	µg/L	20	0	108	78	130	0			
Carbon tetrachloride	21.93	2.0	µg/L	20	0	110	63	136	0			
1,2-Dichloroethane	18.87	2.0	µg/L	20	0	94.4	71	133	0			
Benzene	22.06	1.0	µg/L	20	0	110	85	131	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Laboratory Control Spike

Trichloroethene	19.97	2.0	µg/L	20	0	99.8	83	129	0
1,2-Dichloropropane	22.62	2.0	µg/L	20	0	113	82	130	0
Bromodichloromethane	21.84	2.0	µg/L	20	0	109	71	137	0
Dibromomethane	17.36	2.0	µg/L	20	0	86.8	78	127	0
4-Methyl-2-pentanone	22.46	10	µg/L	40	0	56.2	50	122	0
cis-1,3-Dichloropropene	17.91	1.0	µg/L	20	0	89.6	66	127	0
Toluene	17.55	2.0	µg/L	20	0	87.8	83	133	0
trans-1,3-Dichloropropene	16.53	1.0	µg/L	20	0	82.6	59	129	0
1,1,2-Trichloroethane	18.25	2.0	µg/L	20	0	91.2	78	128	0
1,2-Dibromoethane	17.61	2.0	µg/L	20	0	88	68	133	0
2-Hexanone	28.3	10	µg/L	40	0	70.8	21	121	0
1,3-Dichloropropane	23.23	2.0	µg/L	20	0	116	82	129	0
Tetrachloroethene	21.19	2.0	µg/L	20	0	106	80	138	0
Dibromochloromethane	17.49	2.0	µg/L	20	0	87.5	60	126	0
Chlorobenzene	21.45	2.0	µg/L	20	0	107	85	126	0
1,1,1,2-Tetrachloroethane	20.54	2.0	µg/L	20	0	103	67	130	0
Ethylbenzene	23.01	2.0	µg/L	20	0	115	84	135	0
m,p-Xylene	45.31	2.0	µg/L	40	0	113	82	133	0
o-Xylene	21.85	2.0	µg/L	20	0	109	80	132	0
Styrene	22.98	2.0	µg/L	20	0	115	82	133	0
Bromoform	20.8	2.0	µg/L	20	0	104	46	118	0
Isopropylbenzene	20.82	2.0	µg/L	20	0	104	79	138	0
1,1,2,2-Tetrachloroethane	21.04	2.0	µg/L	20	0	105	69	130	0
1,2,3-Trichloropropane	18.8	2.0	µg/L	20	0	94	74	131	0
Bromobenzene	19.86	2.0	µg/L	20	0	99.3	82	126	0
n-Propylbenzene	22.6	2.0	µg/L	20	0	113	79	138	0
2-Chlorotoluene	21.72	2.0	µg/L	20	0	109	78	130	0
4-Chlorotoluene	21.23	2.0	µg/L	20	0	106	77	134	0
1,3,5-Trimethylbenzene	20.96	2.0	µg/L	20	0	105	78	135	0
tert-Butylbenzene	21.55	2.0	µg/L	20	0	108	79	136	0
1,2,4-Trimethylbenzene	21.03	2.0	µg/L	20	0	105	79	134	0

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Laboratory Control Spike

sec-Butylbenzene	22.89	2.0	µg/L	20	0	114	62	137	0
4-Isopropyltoluene	22.51	2.0	µg/L	20	0	113	61	137	0
1,3-Dichlorobenzene	21.9	2.0	µg/L	20	0	110	80	130	0
1,4-Dichlorobenzene	19.58	2.0	µg/L	20	0	97.9	83	126	0
n-Butylbenzene	24.06	2.0	µg/L	20	0	120	79	140	0
1,2-Dichlorobenzene	21.17	2.0	µg/L	20	0	106	81	127	0
1,2-Dibromo-3-chloropropane	14.64	5.0	µg/L	20	0	73.2	42	135	0
1,2,4-Trichlorobenzene	23.07	2.0	µg/L	20	0	115	74	139	0
Hexachlorobutadiene	20.41	2.0	µg/L	20	0	102	64	134	0
Naphthalene	19.09	5.0	µg/L	20	0	95.4	69	130	0
1,2,3-Trichlorobenzene	21.73	2.0	µg/L	20	0	109	75	134	0
Surr: Dibromofluoromethane	22.92	2.0	µg/L	25	0	91.7	68	122	0
Surr: 1,2-Dichloroethane-d4	23.98	2.0	µg/L	25	0	95.9	69	130	0
Surr: Toluene-d8	21.19	2.0	µg/L	25	0	84.8	69	121	0
Surr: 4-Bromofluorobenzene	25.33	2.0	µg/L	25	0	101	62	129	0

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID: lcsd-11/09/15 **Batch ID:** R56738 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/9/2015 9:50:00 AM **Prep Date:** 11/9/2015
Client ID: **Run ID:** V-2_151109A **SeqNo:** 951702

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	25.35	5.0	µg/L	20	0	127	23	183	23.76	6.48	20	
Chloromethane	32.01	5.0	µg/L	20	0	160	58	152	32.36	1.09	20	S
Vinyl chloride	28.31	2.0	µg/L	20	0	142	66	156	29.85	5.3	20	
Chloroethane	23.16	5.0	µg/L	20	0	116	66	141	23.97	3.44	20	
Bromomethane	17.23	2.0	µg/L	20	0	86.2	58	143	18.8	8.71	20	
Trichlorofluoromethane	25.71	2.0	µg/L	20	0	129	71	160	24.71	3.97	20	
Diethyl ether	21.42	5.0	µg/L	20	0	107	70	127	24.59	13.8	20	
Acetone	23.21	10	µg/L	40	0	58	12	104	21.79	6.31	20	
1,1-Dichloroethene	23.28	1.0	µg/L	20	0	116	77	139	22.07	5.34	20	
Carbon disulfide	24.81	2.0	µg/L	20	0	124	62	140	26.74	7.49	20	
Methylene chloride	26.5	5.0	µg/L	20	0	132	75	136	31.58	17.5	20	
Methyl tert-butyl ether	20.71	2.0	µg/L	20	0	104	74	133	20.54	0.824	20	
trans-1,2-Dichloroethene	19.78	2.0	µg/L	20	0	98.9	80	134	19.12	3.39	20	
1,1-Dichloroethane	23.74	2.0	µg/L	20	0	119	84	135	24.33	2.45	20	
2-Butanone	19.06	10	µg/L	40	0	47.6	22	117	22.15	15	20	
2,2-Dichloropropane	25.36	2.0	µg/L	20	0	127	69	151	24.4	3.86	20	
cis-1,2-Dichloroethene	18.65	2.0	µg/L	20	0	93.3	78	133	19.03	2.02	20	
Chloroform	20.27	2.0	µg/L	20	0	101	80	126	19.39	4.44	20	
Tetrahydrofuran	15.4	10	µg/L	20	0	77	59	148	15	2.63	20	
Bromochloromethane	19.48	2.0	µg/L	20	0	97.4	74	139	19.71	1.17	20	
1,1,1-Trichloroethane	21.23	2.0	µg/L	20	0	106	72	139	20.76	2.24	20	
1,1-Dichloropropene	24.11	2.0	µg/L	20	0	121	78	130	21.64	10.8	20	
Carbon tetrachloride	24.31	2.0	µg/L	20	0	122	63	136	21.93	10.3	20	
1,2-Dichloroethane	20.33	2.0	µg/L	20	0	102	71	133	18.87	7.45	20	
Benzene	24.69	1.0	µg/L	20	0	123	85	131	22.06	11.3	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Trichloroethene	21.29	2.0	µg/L	20	0	106	83	129	19.97	6.4	20
1,2-Dichloropropane	24.17	2.0	µg/L	20	0	121	82	130	22.62	6.63	20
Bromodichloromethane	22.78	2.0	µg/L	20	0	114	71	137	21.84	4.21	20
Dibromomethane	18.73	2.0	µg/L	20	0	93.6	78	127	17.36	7.59	20
4-Methyl-2-pentanone	23.72	10	µg/L	40	0	59.3	50	122	22.46	5.46	20
cis-1,3-Dichloropropene	18.41	1.0	µg/L	20	0	92	66	127	17.91	2.75	20
Toluene	18.65	2.0	µg/L	20	0	93.3	83	133	17.55	6.08	20
trans-1,3-Dichloropropene	16.49	1.0	µg/L	20	0	82.5	59	129	16.53	0.242	20
1,1,2-Trichloroethane	18.7	2.0	µg/L	20	0	93.5	78	128	18.25	2.44	20
1,2-Dibromoethane	18.32	2.0	µg/L	20	0	91.6	68	133	17.61	3.95	20
2-Hexanone	26.98	10	µg/L	40	0	67.5	21	121	28.3	4.78	20
1,3-Dichloropropane	23.51	2.0	µg/L	20	0	118	82	129	23.23	1.2	20
Tetrachloroethene	22.17	2.0	µg/L	20	0	111	80	138	21.19	4.52	20
Dibromochloromethane	17.03	2.0	µg/L	20	0	85.2	60	126	17.49	2.67	20
Chlorobenzene	21.1	2.0	µg/L	20	0	106	85	128	21.45	1.65	20
1,1,1,2-Tetrachloroethane	20.96	2.0	µg/L	20	0	105	67	130	20.54	2.02	20
Ethylbenzene	23.13	2.0	µg/L	20	0	116	84	135	23.01	0.52	20
m,p-Xylene	44.72	2.0	µg/L	40	0	112	82	133	45.31	1.31	20
o-Xylene	22.23	2.0	µg/L	20	0	111	80	132	21.85	1.72	20
Styrene	23.27	2.0	µg/L	20	0	116	82	133	22.98	1.25	20
Bromoform	20.31	2.0	µg/L	20	0	102	46	118	20.8	2.38	20
Isopropylbenzene	22.15	2.0	µg/L	20	0	111	79	138	20.82	6.19	20
1,1,2,2-Tetrachloroethane	20.75	2.0	µg/L	20	0	104	69	130	21.04	1.39	20
1,2,3-Trichloropropane	19.78	2.0	µg/L	20	0	98.9	74	131	18.8	5.08	20
Bromobenzene	21.04	2.0	µg/L	20	0	105	82	126	19.86	5.77	20
n-Propylbenzene	24.54	2.0	µg/L	20	0	123	79	138	22.6	8.23	20
2-Chlorotoluene	22.94	2.0	µg/L	20	0	115	78	130	21.72	5.46	20
4-Chlorotoluene	22.2	2.0	µg/L	20	0	111	77	134	21.23	4.47	20
1,3,5-Trimethylbenzene	22.51	2.0	µg/L	20	0	113	78	135	20.96	7.13	20
tert-Butylbenzene	23.35	2.0	µg/L	20	0	117	79	136	21.55	8.02	20
1,2,4-Trimethylbenzene	22.49	2.0	µg/L	20	0	112	79	134	21.03	6.71	20

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank

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RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

sec-Butylbenzene	24.51	2.0	µg/L	20	0	123	82	137	22.89	6.84	20
4-Isopropyltoluene	24.87	2.0	µg/L	20	0	124	81	137	22.51	9.96	20
1,3-Dichlorobenzene	21.98	2.0	µg/L	20	0	110	80	130	21.9	0.365	20
1,4-Dichlorobenzene	21.48	2.0	µg/L	20	0	107	83	126	19.58	9.25	20
n-Butylbenzene	26.17	2.0	µg/L	20	0	131	79	140	24.06	8.4	20
1,2-Dichlorobenzene	21.71	2.0	µg/L	20	0	109	81	127	21.17	2.52	20
1,2-Dibromo-3-chloropropane	16.11	5.0	µg/L	20	0	80.6	42	135	14.64	9.56	20
1,2,4-Trichlorobenzene	24.26	2.0	µg/L	20	0	121	74	139	23.07	5.03	20
Hexachlorobutadiene	23.24	2.0	µg/L	20	0	116	64	134	20.41	13	20
Naphthalene	19.66	5.0	µg/L	20	0	98.3	69	130	19.09	2.94	20
1,2,3-Trichlorobenzene	24.86	2.0	µg/L	20	0	124	75	134	21.73	13.4	20
Surr: Dibromofluoromethane	22.21	2.0	µg/L	25	0	88.8	68	122	0	0	0
Surr: 1,2-Dichloroethane-d4	23.96	2.0	µg/L	25	0	95.8	69	130	0	0	0
Surr: Toluene-d8	21.64	2.0	µg/L	25	0	86.6	69	121	0	0	0
Surr: 4-Bromofluorobenzene	24.64	2.0	µg/L	25	0	98.6	62	129	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
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NA - Not applicable where J values or ND results occur
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AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: lcs-11/09/15 **Batch ID:** R56742 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/9/2015 8:35:00 AM **Prep Date:** 11/9/2015
Client ID: **Run ID:** V-3_151109A **SeqNo:** 951784

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	19.02	5.0	µg/L	20	0	95.1	23	183	0			
Chloromethane	17.69	5.0	µg/L	20	0	88.4	58	152	0			
Vinyl chloride	17.1	2.0	µg/L	20	0	85.5	66	156	0			
Chloroethane	16.31	5.0	µg/L	20	0	81.6	66	141	0			
Bromomethane	19.23	2.0	µg/L	20	0	96.2	58	143	0			
Trichlorofluoromethane	25.67	2.0	µg/L	20	0	128	71	160	0			
Diethyl ether	17.82	5.0	µg/L	20	0	89.1	70	127	0			
Acetone	20.49	10	µg/L	40	0	51.2	12	104	0			
1,1-Dichloroethene	18.88	1.0	µg/L	20	0	94.4	77	139	0			
Carbon disulfide	15.29	2.0	µg/L	20	0	76.5	62	140	0			
Methylene chloride	21.01	5.0	µg/L	20	0	105	75	136	0			
Methyl tert-butyl ether	19.49	2.0	µg/L	20	0	97.5	74	133	0			
trans-1,2-Dichloroethene	19	2.0	µg/L	20	0	95	60	134	0			
1,1-Dichloroethane	20.88	2.0	µg/L	20	0	104	84	135	0			
2-Butanone	27.71	10	µg/L	40	0	69.3	22	117	0			
2,2-Dichloropropane	25.2	2.0	µg/L	20	0	126	69	151	0			
cis-1,2-Dichloroethene	17.78	2.0	µg/L	20	0	88.9	78	133	0			
Chloroform	19.32	2.0	µg/L	20	0	96.6	80	128	0			
Tetrahydrofuran	21.66	10	µg/L	20	0	108	59	148	0			
Bromochloromethane	19.92	2.0	µg/L	20	0	99.6	74	139	0			
1,1,1-Trichloroethane	20.88	2.0	µg/L	20	0	104	72	139	0			
1,1-Dichloropropene	21.36	2.0	µg/L	20	0	107	78	130	0			
Carbon tetrachloride	20.54	2.0	µg/L	20	0	103	63	136	0			
1,2-Dichloroethane	21.94	2.0	µg/L	20	0	110	71	133	0			
Benzene	19.6	1.0	µg/L	20	0	98	85	131	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike

Trichloroethene	19.85	2.0	µg/L	20	0	99.2	83	129	0
1,2-Dichloropropane	20.01	2.0	µg/L	20	0	100	82	130	0
Bromodichloromethane	20.91	2.0	µg/L	20	0	105	71	137	0
Dibromomethane	20.66	2.0	µg/L	20	0	103	78	127	0
4-Methyl-2-pentanone	35.14	10	µg/L	40	0	87.8	50	122	0
cis-1,3-Dichloropropene	18.79	1.0	µg/L	20	0	94	66	127	0
Toluene	20.11	2.0	µg/L	20	0	101	83	133	0
trans-1,3-Dichloropropene	17.73	1.0	µg/L	20	0	88.6	59	129	0
1,1,2-Trichloroethane	20.65	2.0	µg/L	20	0	103	78	128	0
1,2-Dibromoethane	20.12	2.0	µg/L	20	0	101	68	133	0
2-Hexanone	27.61	10	µg/L	40	0	69	21	121	0
1,3-Dichloropropane	20.93	2.0	µg/L	20	0	105	82	129	0
Tetrachloroethene	20.73	2.0	µg/L	20	0	104	80	138	0
Dibromochloromethane	18.73	2.0	µg/L	20	0	93.6	60	126	0
Chlorobenzene	20.6	2.0	µg/L	20	0	103	85	128	0
1,1,1,2-Tetrachloroethane	19.65	2.0	µg/L	20	0	98.2	67	130	0
Ethylbenzene	20.24	2.0	µg/L	20	0	101	84	135	0
m,p-Xylene	38.62	2.0	µg/L	40	0	96.6	82	133	0
o-Xylene	19.38	2.0	µg/L	20	0	96.9	80	132	0
Styrene	20.3	2.0	µg/L	20	0	102	82	133	0
Bromoform	17.03	2.0	µg/L	20	0	85.2	46	118	0
Isopropylbenzene	20.05	2.0	µg/L	20	0	100	79	138	0
1,1,2,2-Tetrachloroethane	21.58	2.0	µg/L	20	0	108	69	130	0
1,2,3-Trichloropropane	22.1	2.0	µg/L	20	0	110	74	131	0
Bromobenzene	20.52	2.0	µg/L	20	0	103	82	126	0
n-Propylbenzene	20.79	2.0	µg/L	20	0	104	79	138	0
2-Chlorotoluene	19.34	2.0	µg/L	20	0	96.7	78	130	0
4-Chlorotoluene	20.18	2.0	µg/L	20	0	101	77	134	0
1,3,5-Trimethylbenzene	19.63	2.0	µg/L	20	0	98.2	78	135	0
tert-Butylbenzene	18.7	2.0	µg/L	20	0	93.5	79	136	0
1,2,4-Trimethylbenzene	19.54	2.0	µg/L	20	0	97.7	79	134	0

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur; RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike

sec-Butylbenzene	19.51	2.0	µg/L	20	0	97.6	82	137	0
4-Isopropyltoluene	19.83	2.0	µg/L	20	0	99.2	81	137	0
1,3-Dichlorobenzene	19.8	2.0	µg/L	20	0	99	80	130	0
1,4-Dichlorobenzene	20.33	2.0	µg/L	20	0	102	83	126	0
n-Butylbenzene	21.23	2.0	µg/L	20	0	106	79	140	0
1,2-Dichlorobenzene	20.13	2.0	µg/L	20	0	101	81	127	0
1,2-Dibromo-3-chloropropane	17.79	5.0	µg/L	20	0	89	42	135	0
1,2,4-Trichlorobenzene	18.15	2.0	µg/L	20	0	90.8	74	139	0
Hexachlorobutadiene	24.38	2.0	µg/L	20	0	122	64	134	0
Naphthalene	20.38	5.0	µg/L	20	0	102	69	130	0
1,2,3-Trichlorobenzene	22.99	2.0	µg/L	20	0	115	75	134	0
Surr: Dibromofluoromethane	26.09	2.0	µg/L	25	0	104	68	122	0
Surr: 1,2-Dichloroethane-d4	30.03	2.0	µg/L	25	0	120	69	130	0
Surr: Toluene-d8	25.67	2.0	µg/L	25	0	103	69	121	0
Surr: 4-Bromofluorobenzene	24.57	2.0	µg/L	25	0	98.3	62	129	0

Qualifiers: ND - Not Detected at the Reporting Limit
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NA - Not applicable where J values or ND results occur
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AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID: lcsd-11/09/15 **Batch ID:** R56742 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/9/2015 9:11:00 AM **Prep Date:** 11/9/2015
Client ID: **Run ID:** V-3_151109A **SeqNo:** 951783

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	19.47	5.0	µg/L	20	0	97.4	23	183	19.02	2.34	20	
Chloromethane	17.59	5.0	µg/L	20	0	88	58	152	17.69	0.567	20	
Vinyl chloride	17.35	2.0	µg/L	20	0	86.8	66	156	17.1	1.45	20	
Chloroethane	16.92	5.0	µg/L	20	0	84.6	66	141	16.31	3.67	20	
Bromomethane	18.56	2.0	µg/L	20	0	92.8	58	143	19.23	3.55	20	
Trichlorofluoromethane	26.15	2.0	µg/L	20	0	131	71	160	25.67	1.85	20	
Diethyl ether	18.76	5.0	µg/L	20	0	93.8	70	127	17.82	5.14	20	
Acetone	20.16	10	µg/L	40	0	50.4	12	104	20.49	1.62	20	
1,1-Dichloroethene	18.82	1.0	µg/L	20	0	94.1	77	139	18.68	0.318	20	
Carbon disulfide	15.51	2.0	µg/L	20	0	77.6	62	140	15.29	1.43	20	
Methylene chloride	21.74	5.0	µg/L	20	0	109	75	136	21.01	3.42	20	
Methyl tert-butyl ether	19.17	2.0	µg/L	20	0	95.8	74	133	19.49	1.66	20	
trans-1,2-Dichloroethene	20.05	2.0	µg/L	20	0	100	80	134	19	5.38	20	
1,1-Dichloroethane	21.15	2.0	µg/L	20	0	106	84	135	20.88	1.28	20	
2-Butanone	25.93	10	µg/L	40	0	64.8	22	117	27.71	6.64	20	
2,2-Dichloropropane	24.9	2.0	µg/L	20	0	125	69	151	25.2	1.2	20	
cis-1,2-Dichloroethene	17.78	2.0	µg/L	20	0	88.9	78	133	17.78	0	20	
Chloroform	20.32	2.0	µg/L	20	0	102	80	128	19.32	5.05	20	
Tetrahydrofuran	22.13	10	µg/L	20	0	111	59	148	21.66	2.15	20	
Bromochloromethane	19.85	2.0	µg/L	20	0	99.2	74	139	19.92	0.352	20	
1,1,1-Trichloroethane	20.63	2.0	µg/L	20	0	103	72	139	20.88	1.2	20	
1,1-Dichloropropene	21.85	2.0	µg/L	20	0	109	78	130	21.36	2.27	20	
Carbon tetrachloride	20.89	2.0	µg/L	20	0	104	63	136	20.54	1.69	20	
1,2-Dichloroethane	21.79	2.0	µg/L	20	0	109	71	133	21.94	0.686	20	
Benzene	20.05	1.0	µg/L	20	0	100	85	131	19.6	2.27	20	

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Trichloroethene	20.56	2.0	µg/L	20	0	103	83	129	19.85	3.51	20
1,2-Dichloropropane	20.17	2.0	µg/L	20	0	101	82	130	20.01	0.796	20
Bromodichloromethane	21.14	2.0	µg/L	20	0	106	71	137	20.91	1.09	20
Dibromomethane	20.49	2.0	µg/L	20	0	102	78	127	20.66	0.826	20
4-Methyl-2-pentanone	39.26	10	µg/L	40	0	98.2	50	122	35.14	11.1	20
cis-1,3-Dichloropropene	18.34	1.0	µg/L	20	0	91.7	66	127	18.79	2.42	20
Toluene	20.18	2.0	µg/L	20	0	101	83	133	20.11	0.347	20
trans-1,3-Dichloropropene	17.51	1.0	µg/L	20	0	87.6	59	129	17.73	1.25	20
1,1,2-Trichloroethane	21	2.0	µg/L	20	0	105	78	128	20.65	1.66	20
1,2-Dibromoethane	20.01	2.0	µg/L	20	0	100	68	133	20.12	0.548	20
2-Hexanone	26.73	10	µg/L	40	0	66.8	21	121	27.61	3.24	20
1,3-Dichloropropane	21.19	2.0	µg/L	20	0	106	62	129	20.93	1.23	20
Tetrachloroethene	21.46	2.0	µg/L	20	0	107	60	138	20.73	3.46	20
Dibromochloromethane	18.95	2.0	µg/L	20	0	94.8	60	126	18.73	1.17	20
Chlorobenzene	21.02	2.0	µg/L	20	0	105	85	126	20.6	2.02	20
1,1,1,2-Tetrachloroethane	19.66	2.0	µg/L	20	0	98.3	67	130	19.65	0.0509	20
Ethylbenzene	20.53	2.0	µg/L	20	0	103	84	135	20.24	1.42	20
m,p-Xylene	39.46	2.0	µg/L	40	0	98.6	82	133	38.62	2.15	20
o-Xylene	19.55	2.0	µg/L	20	0	97.8	80	132	19.38	0.873	20
Styrene	20.33	2.0	µg/L	20	0	102	82	133	20.3	0.148	20
Bromoform	17.27	2.0	µg/L	20	0	86.4	46	118	17.03	1.4	20
Isopropylbenzene	19.94	2.0	µg/L	20	0	99.7	79	138	20.05	0.55	20
1,1,2,2-Tetrachloroethane	21.69	2.0	µg/L	20	0	108	69	130	21.58	0.508	20
1,2,3-Trichloropropane	21.93	2.0	µg/L	20	0	110	74	131	22.1	0.772	20
Bromobenzene	20.54	2.0	µg/L	20	0	103	82	126	20.52	0.0974	20
n-Propylbenzene	20.24	2.0	µg/L	20	0	101	79	138	20.79	2.68	20
2-Chlorotoluene	19.39	2.0	µg/L	20	0	97	78	130	19.34	0.258	20
4-Chlorotoluene	20.01	2.0	µg/L	20	0	100	77	134	20.18	0.846	20
1,3,5-Trimethylbenzene	19.57	2.0	µg/L	20	0	97.8	78	135	19.63	0.306	20
tert-Butylbenzene	18.47	2.0	µg/L	20	0	92.4	79	136	18.7	1.24	20
1,2,4-Trimethylbenzene	19.27	2.0	µg/L	20	0	96.4	79	134	19.54	1.39	20

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

sec-Butylbenzene	19.3	2.0	µg/L	20	0	96.5	82	137	19.51	1.08	20
4-Isopropyltoluene	19.28	2.0	µg/L	20	0	96.4	81	137	19.83	2.81	20
1,3-Dichlorobenzene	19.69	2.0	µg/L	20	0	98.4	80	130	19.8	0.557	20
1,4-Dichlorobenzene	19.94	2.0	µg/L	20	0	99.7	83	126	20.33	1.94	20
n-Butylbenzene	20.17	2.0	µg/L	20	0	101	79	140	21.23	5.12	20
1,2-Dichlorobenzene	19.93	2.0	µg/L	20	0	99.7	81	127	20.13	0.999	20
1,2-Dibromo-3-chloropropane	17.58	5.0	µg/L	20	0	87.9	42	135	17.79	1.19	20
1,2,4-Trichlorobenzene	17.42	2.0	µg/L	20	0	87.1	74	139	16.15	4.1	20
Hexachlorobutadiene	22.2	2.0	µg/L	20	0	111	64	134	24.38	9.36	20
Naphthalene	19.72	5.0	µg/L	20	0	98.6	69	130	20.38	3.29	20
1,2,3-Trichlorobenzene	21.59	2.0	µg/L	20	0	108	75	134	22.99	6.26	20
Surr: Dibromofluoromethane	26.09	2.0	µg/L	25	0	104	68	122	0	0	0
Surr: 1,2-Dichloroethane-d4	29.86	2.0	µg/L	25	0	119	69	130	0	0	0
Surr: Toluene-d8	25.72	2.0	µg/L	25	0	103	69	121	0	0	0
Surr: 4-Bromofluorobenzene	24.42	2.0	µg/L	25	0	97.7	62	129	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: lcs-11/10/15 **Batch ID:** R56752 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/10/2015 10:10:00 A **Prep Date:** 11/10/2015
Client ID: **Run ID:** V-2_151110A **SeqNo:** 951862

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	23.46	5.0	µg/L	20	0	117	23	183	0			
Chloromethane	33.22	5.0	µg/L	20	0	166	58	152	0			S
Vinyl chloride	31.85	2.0	µg/L	20	0	159	66	156	0			S
Chloroethane	23.49	5.0	µg/L	20	0	117	66	141	0			
Bromomethane	18.73	2.0	µg/L	20	0	93.6	58	143	0			
Trichlorofluoromethane	24.28	2.0	µg/L	20	0	121	71	160	0			
Diethyl ether	24.72	5.0	µg/L	20	0	124	70	127	0			
Acetone	30.94	10	µg/L	40	0	77.4	12	104	0			
1,1-Dichloroethene	21.6	1.0	µg/L	20	0	108	77	139	0			
Carbon disulfide	27.22	2.0	µg/L	20	0	136	62	140	0			
Methylene chloride	32.35	5.0	µg/L	20	0	162	75	136	0			S
Methyl tert-butyl ether	21.41	2.0	µg/L	20	0	107	74	133	0			
trans-1,2-Dichloroethene	19.57	2.0	µg/L	20	0	97.8	80	134	0			
1,1-Dichloroethane	25.61	2.0	µg/L	20	0	128	84	135	0			
2-Butanone	23.62	10	µg/L	40	0	59	22	117	0			
2,2-Dichloropropane	24.33	2.0	µg/L	20	0	122	69	151	0			
cis-1,2-Dichloroethene	19.63	2.0	µg/L	20	0	98.2	78	133	0			
Chloroform	20.29	2.0	µg/L	20	0	101	80	128	0			
Tetrahydrofuran	16.67	10	µg/L	20	0	83.4	59	148	0			
Bromochloromethane	20.69	2.0	µg/L	20	0	103	74	139	0			
1,1,1-Trichloroethane	20.77	2.0	µg/L	20	0	104	72	139	0			
1,1-Dichloropropene	23.59	2.0	µg/L	20	0	118	78	130	0			
Carbon tetrachloride	21.21	2.0	µg/L	20	0	106	63	136	0			
1,2-Dichloroethane	19.67	2.0	µg/L	20	0	98.4	71	133	0			
Benzene	23.68	1.0	µg/L	20	0	118	85	131	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Laboratory Control Spike

Trichloroethene	19.81	2.0	µg/L	20	0	99	83	129	0
1,2-Dichloropropane	23.08	2.0	µg/L	20	0	115	82	130	0
Bromodichloromethane	21.62	2.0	µg/L	20	0	108	71	137	0
Dibromomethane	18.7	2.0	µg/L	20	0	93.5	78	127	0
4-Methyl-2-pentanone	25.2	10	µg/L	40	0	63	50	122	0
cis-1,3-Dichloropropene	17.83	1.0	µg/L	20	0	89.2	66	127	0
Toluene	17.33	2.0	µg/L	20	0	86.7	83	133	0
trans-1,3-Dichloropropene	15.01	1.0	µg/L	20	0	75	59	129	0
1,1,2-Trichloroethane	17.7	2.0	µg/L	20	0	88.5	78	128	0
1,2-Dibromoethane	16.91	2.0	µg/L	20	0	84.6	68	133	0
2-Hexanone	28.47	10	µg/L	40	0	71.2	21	121	0
1,3-Dichloropropane	22.04	2.0	µg/L	20	0	110	82	129	0
Tetrachloroethene	22.71	2.0	µg/L	20	0	114	80	138	0
Dibromochloromethane	18.88	2.0	µg/L	20	0	94.4	60	126	0
Chlorobenzene	22.08	2.0	µg/L	20	0	110	85	126	0
1,1,1,2-Tetrachloroethane	21.38	2.0	µg/L	20	0	107	67	130	0
Ethylbenzene	22.73	2.0	µg/L	20	0	114	84	135	0
m,p-Xylene	46.49	2.0	µg/L	40	0	116	82	133	0
o-Xylene	22.2	2.0	µg/L	20	0	111	80	132	0
Styrene	23.62	2.0	µg/L	20	0	118	82	133	0
Bromoform	19.88	2.0	µg/L	20	0	99.4	46	118	0
Isopropylbenzene	21.29	2.0	µg/L	20	0	106	79	138	0
1,1,2,2-Tetrachloroethane	21.53	2.0	µg/L	20	0	108	69	130	0
1,2,3-Trichloropropane	20.48	2.0	µg/L	20	0	102	74	131	0
Bromobenzene	21.69	2.0	µg/L	20	0	108	82	126	0
n-Propylbenzene	23.35	2.0	µg/L	20	0	117	79	138	0
2-Chlorotoluene	21.55	2.0	µg/L	20	0	108	78	130	0
4-Chlorotoluene	21.89	2.0	µg/L	20	0	109	77	134	0
1,3,5-Trimethylbenzene	21.51	2.0	µg/L	20	0	108	78	135	0
tert-Butylbenzene	22.02	2.0	µg/L	20	0	110	79	136	0
1,2,4-Trimethylbenzene	21.91	2.0	µg/L	20	0	110	79	134	0

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike

sec-Butylbenzene	23.52	2.0	µg/L	20	0	118	82	137	0
4-Isopropyltoluene	23.46	2.0	µg/L	20	0	117	81	137	0
1,3-Dichlorobenzene	21.36	2.0	µg/L	20	0	107	80	130	0
1,4-Dichlorobenzene	20.94	2.0	µg/L	20	0	105	83	126	0
n-Butylbenzene	26.07	2.0	µg/L	20	0	130	79	140	0
1,2-Dichlorobenzene	22.17	2.0	µg/L	20	0	111	81	127	0
1,2-Dibromo-3-chloropropane	17.39	5.0	µg/L	20	0	87	42	135	0
1,2,4-Trichlorobenzene	24.26	2.0	µg/L	20	0	121	74	139	0
Hexachlorobutadiene	23.68	2.0	µg/L	20	0	118	64	134	0
Naphthalene	20.66	5.0	µg/L	20	0	103	69	130	0
1,2,3-Trichlorobenzene	22.88	2.0	µg/L	20	0	114	75	134	0
Surr: Dibromofluoromethane	23.88	2.0	µg/L	25	0	95.5	66	122	0
Surr: 1,2-Dichloroethane-d4	25.73	2.0	µg/L	25	0	103	69	130	0
Surr: Toluene-d8	21.49	2.0	µg/L	25	0	86	69	121	0
Surr: 4-Bromofluorobenzene	26.6	2.0	µg/L	25	0	106	62	129	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID: lcsd-11/10/15 **Batch ID:** R56752 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/10/2015 10:45:00 A **Prep Date:** 11/10/2015
Client ID: **Run ID:** V-2_151110A **SeqNo:** 951861

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	23.13	5.0	µg/L	20	0	116	23	183	23.46	1.42	20	
Chloromethane	30.77	5.0	µg/L	20	0	154	58	152	33.22	7.66	20	S
Vinyl chloride	27.7	2.0	µg/L	20	0	139	66	156	31.85	13.9	20	
Chloroethane	23.21	5.0	µg/L	20	0	116	66	141	23.49	1.2	20	
Bromomethane	17.22	2.0	µg/L	20	0	86.1	58	143	18.73	8.4	20	
Trichlorofluoromethane	23.83	2.0	µg/L	20	0	119	71	160	24.28	1.67	20	
Diethyl ether	24.63	5.0	µg/L	20	0	123	70	127	24.72	0.365	20	
Acetone	29.74	10	µg/L	40	0	74.4	12	104	30.94	3.96	20	
1,1-Dichloroethene	19.55	1.0	µg/L	20	0	97.8	77	139	21.6	9.96	20	
Carbon disulfide	23.83	2.0	µg/L	20	0	119	62	140	27.22	13.3	20	
Methylene chloride	28.57	5.0	µg/L	20	0	143	75	136	32.35	12.4	20	S
Methyl tert-butyl ether	19.53	2.0	µg/L	20	0	97.6	74	133	21.41	9.18	20	
trans-1,2-Dichloroethene	18.71	2.0	µg/L	20	0	93.6	80	134	19.57	4.49	20	
1,1-Dichloroethane	22.9	2.0	µg/L	20	0	114	84	135	25.61	11.2	20	
2-Butanone	21.18	10	µg/L	40	0	53	22	117	23.62	10.9	20	
2,2-Dichloropropane	21.75	2.0	µg/L	20	0	109	69	151	24.33	11.2	20	
cis-1,2-Dichloroethene	18.75	2.0	µg/L	20	0	93.8	78	133	19.63	4.59	20	
Chloroform	19.39	2.0	µg/L	20	0	97	80	128	20.29	4.54	20	
Tetrahydrofuran	15.94	10	µg/L	20	0	79.7	59	148	16.67	4.48	20	
Bromochloromethane	18.8	2.0	µg/L	20	0	94	74	139	20.69	9.57	20	
1,1,1-Trichloroethane	19.65	2.0	µg/L	20	0	98.2	72	139	20.77	5.54	20	
1,1-Dichloropropene	22.34	2.0	µg/L	20	0	112	78	130	23.59	5.44	20	
Carbon tetrachloride	21.12	2.0	µg/L	20	0	106	63	136	21.21	0.425	20	
1,2-Dichloroethane	19.26	2.0	µg/L	20	0	96.3	71	133	19.67	2.11	20	
Benzene	22.58	1.0	µg/L	20	0	113	85	131	23.68	4.76	20	

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Trichloroethene	20.01	2.0	µg/L	20	0	100	83	129	19.81	1	20
1,2-Dichloropropane	22.37	2.0	µg/L	20	0	112	82	130	23.08	3.12	20
Bromodichloromethane	21.47	2.0	µg/L	20	0	107	71	137	21.62	0.696	20
Dibromomethane	17.67	2.0	µg/L	20	0	88.4	78	127	18.7	5.66	20
4-Methyl-2-pentanone	28.57	10	µg/L	40	0	71.4	50	122	25.2	12.5	20
cis-1,3-Dichloropropene	17.52	1.0	µg/L	20	0	87.6	66	127	17.83	1.75	20
Toluene	19.49	2.0	µg/L	20	0	97.5	83	133	17.33	11.7	20
trans-1,3-Dichloropropene	16.5	1.0	µg/L	20	0	82.5	59	129	15.01	9.46	20
1,1,2-Trichloroethane	18.23	2.0	µg/L	20	0	91.2	78	128	17.7	2.95	20
1,2-Dibromoethane	17.85	2.0	µg/L	20	0	89.2	68	133	16.91	5.41	20
2-Hexanone	28.56	10	µg/L	40	0	71.4	21	121	28.47	0.316	20
1,3-Dichloropropane	23.93	2.0	µg/L	20	0	120	82	129	22.04	8.22	20
Tetrachloroethene	21.2	2.0	µg/L	20	0	106	80	138	22.71	6.88	20
Dibromochloromethane	18.06	2.0	µg/L	20	0	90.3	60	126	18.86	4.44	20
Chlorobenzene	20.9	2.0	µg/L	20	0	104	85	126	22.08	5.49	20
1,1,1,2-Tetrachloroethane	21.02	2.0	µg/L	20	0	105	67	130	21.38	1.7	20
Ethylbenzene	22.65	2.0	µg/L	20	0	113	84	135	22.73	0.353	20
m,p-Xylene	44.65	2.0	µg/L	40	0	112	82	133	46.49	4.04	20
o-Xylene	22.26	2.0	µg/L	20	0	111	80	132	22.2	0.27	20
Styrene	22.53	2.0	µg/L	20	0	113	82	133	23.62	4.72	20
Bromoform	20.45	2.0	µg/L	20	0	102	46	118	19.88	2.83	20
Isopropylbenzene	20.57	2.0	µg/L	20	0	103	79	138	21.29	3.44	20
1,1,2,2-Tetrachloroethane	21.07	2.0	µg/L	20	0	105	69	130	21.53	2.16	20
1,2,3-Trichloropropane	20.22	2.0	µg/L	20	0	101	74	131	20.48	1.28	20
Bromobenzene	20.67	2.0	µg/L	20	0	103	82	126	21.69	4.82	20
n-Propylbenzene	23.11	2.0	µg/L	20	0	116	79	138	23.35	1.03	20
2-Chlorotoluene	21.33	2.0	µg/L	20	0	107	78	130	21.55	1.03	20
4-Chlorotoluene	20.56	2.0	µg/L	20	0	103	77	134	21.89	6.27	20
1,3,5-Trimethylbenzene	20.91	2.0	µg/L	20	0	105	78	135	21.51	2.83	20
tert-Butylbenzene	20.9	2.0	µg/L	20	0	104	79	136	22.02	5.22	20
1,2,4-Trimethylbenzene	20.97	2.0	µg/L	20	0	105	79	134	21.91	4.36	20

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

sec-Butylbenzene	22.25	2.0	µg/L	20	0	111	82	137	23.52	5.55	20
4-Isopropyltoluene	22.05	2.0	µg/L	20	0	110	81	137	23.46	6.2	20
1,3-Dichlorobenzene	20.82	2.0	µg/L	20	0	104	80	130	21.36	2.56	20
1,4-Dichlorobenzene	19.34	2.0	µg/L	20	0	96.7	83	126	20.94	7.94	20
n-Butylbenzene	23.4	2.0	µg/L	20	0	117	79	140	26.07	10.8	20
1,2-Dichlorobenzene	20.7	2.0	µg/L	20	0	104	81	127	22.17	6.86	20
1,2-Dibromo-3-chloropropane	16.09	5.0	µg/L	20	0	80.4	42	135	17.39	7.77	20
1,2,4-Trichlorobenzene	22.97	2.0	µg/L	20	0	115	74	139	24.26	5.46	20
Hexachlorobutadiene	20.33	2.0	µg/L	20	0	102	64	134	23.68	15.2	20
Naphthalene	19.13	5.0	µg/L	20	0	95.7	69	130	20.66	7.69	20
1,2,3-Trichlorobenzene	22.58	2.0	µg/L	20	0	113	75	134	22.88	1.32	20
Surr: Dibromofluoromethane	23.33	2.0	µg/L	25	0	93.3	68	122	0	0	0
Surr: 1,2-Dichloroethane-d4	25.49	2.0	µg/L	25	0	102	69	130	0	0	0
Surr: Toluene-d8	22.52	2.0	µg/L	25	0	90.1	69	121	0	0	0
Surr: 4-Bromofluorobenzene	26.11	2.0	µg/L	25	0	104	62	129	0	0	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID: 1511002-01Ams **Batch ID:** R56713 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/4/2015 6:20:00 PM **Prep Date:** 10/26/2015
Client ID: MW-14 **Run ID:** V-2_151104A **SeqNo:** 951118

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	158.6	25	µg/L	100	0	159	27	173	0			
Chloromethane	142.9	25	µg/L	100	0	143	55	163	0			
Vinyl chloride	131.2	10	µg/L	100	0	131	67	162	0			
Chloroethane	106.1	25	µg/L	100	0	106	77	158	0			
Bromomethane	84.65	10	µg/L	100	0	84.6	50	150	0			
Trichlorofluoromethane	130.4	10	µg/L	100	0	130	75	168	0			
Diethyl ether	125.4	25	µg/L	100	0	125	58	149	0			
Acetone	137.4	50	µg/L	200	0	68.7	18	155	0			
1,1-Dichloroethene	118.6	5.0	µg/L	100	0	119	66	171	0			
Carbon disulfide	126	10	µg/L	100	0	126	37	165	0			
Methylene chloride	147.4	25	µg/L	100	0	147	76	156	0			
Methyl tert-butyl ether	117.6	10	µg/L	100	0	118	65	150	0			
trans-1,2-Dichloroethene	108.6	10	µg/L	100	0	109	76	151	0			
1,1-Dichloroethane	125.6	10	µg/L	100	0	126	71	157	0			
2-Butanone	139.4	50	µg/L	200	0	69.7	34	147	0			
2,2-Dichloropropane	98.15	10	µg/L	100	0	98.2	33	167	0			
cis-1,2-Dichloroethene	101.8	10	µg/L	100	0.51	101	74	151	0			
Chloroform	112.2	10	µg/L	100	0	112	75	150	0			
Tetrahydrofuran	112.4	50	µg/L	100	0	112	42	169	0			
Bromochloromethane	112.2	10	µg/L	100	0	112	79	146	0			
1,1,1-Trichloroethane	115.6	10	µg/L	100	0	116	67	166	0			
1,1-Dichloropropene	119.4	10	µg/L	100	0	119	76	165	0			
Carbon tetrachloride	117.6	10	µg/L	100	0	118	57	161	0			
1,2-Dichloroethane	112.9	10	µg/L	100	0	113	66	150	0			
Benzene	119.6	5.0	µg/L	100	0	120	77	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Sample Matrix Spike

Trichloroethene	115.6	10	µg/L	100	2.59	113	80	150	0
1,2-Dichloropropane	124.2	10	µg/L	100	0	124	76	150	0
Bromodichloromethane	125.8	10	µg/L	100	0.59	125	57	140	0
Dibromomethane	110.5	10	µg/L	100	0	110	72	144	0
4-Methyl-2-pentanone	184.8	50	µg/L	200	0	92.4	38	148	0
cis-1,3-Dichloropropene	115	5.0	µg/L	100	0	115	49	136	0
Toluene	112	10	µg/L	100	0	112	77	150	0
trans-1,3-Dichloropropene	87	5.0	µg/L	100	0	87	37	142	0
1,1,2-Trichloroethane	109.8	10	µg/L	100	0	110	71	144	0
1,2-Dibromoethane	107.2	10	µg/L	100	0	107	61	146	0
2-Hexanone	177.6	50	µg/L	200	0	88.8	28	143	0
1,3-Dichloropropane	124.6	10	µg/L	100	0	125	77	137	0
Tetrachloroethene	113.9	10	µg/L	100	0.68	113	84	155	0
Dibromochloromethane	92.15	10	µg/L	100	0	92.2	45	135	0
Chlorobenzene	111.8	10	µg/L	100	0	112	88	133	0
1,1,1,2-Tetrachloroethane	100	10	µg/L	100	0	100	67	142	0
Ethylbenzene	120.7	10	µg/L	100	0	121	80	143	0
m,p-Xylene	228.2	10	µg/L	200	0	114	81	142	0
o-Xylene	113.4	10	µg/L	100	0	113	70	146	0
Styrene	117.3	10	µg/L	100	0	117	69	145	0
Bromoform	113.9	10	µg/L	100	1.42	112	31	136	0
Isopropylbenzene	103.3	10	µg/L	100	0	103	78	159	0
1,1,2,2-Tetrachloroethane	115.3	10	µg/L	100	0	115	61	140	0
1,2,3-Trichloropropane	109.2	10	µg/L	100	0	109	60	144	0
Bromobenzene	103.5	10	µg/L	100	0	104	81	131	0
n-Propylbenzene	111.9	10	µg/L	100	0.6	111	74	148	0
2-Chlorotoluene	106.3	10	µg/L	100	0	106	73	139	0
4-Chlorotoluene	106.1	10	µg/L	100	0	106	75	140	0
1,3,5-Trimethylbenzene	101.2	10	µg/L	100	0	101	71	147	0
tert-Butylbenzene	100.3	10	µg/L	100	0	100	72	147	0
1,2,4-Trimethylbenzene	100.2	10	µg/L	100	0	100	72	148	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Sample Matrix Spike

sec-Butylbenzene	106.2	10	µg/L	100	0	106	73	151	0
4-Isopropyltoluene	103.2	10	µg/L	100	0	103	68	145	0
1,3-Dichlorobenzene	102.3	10	µg/L	100	0	102	84	133	0
1,4-Dichlorobenzene	95.7	10	µg/L	100	0	95.7	81	134	0
n-Butylbenzene	110	10	µg/L	100	0	110	65	153	0
1,2-Dichlorobenzene	103.5	10	µg/L	100	0	104	81	131	0
1,2-Dibromo-3-chloropropane	92.3	25	µg/L	100	0	92.3	26	144	0
1,2,4-Trichlorobenzene	107.3	10	µg/L	100	0	107	70	142	0
Hexachlorobutadiene	91.85	10	µg/L	100	0	91.8	61	135	0
Naphthalene	100.3	25	µg/L	100	1.01	99.3	50	141	0
1,2,3-Trichlorobenzene	100.4	10	µg/L	100	0	100	57	138	0
Surr: Dibromofluoromethane	126.1	10	µg/L	125	0	102	68	122	0
Surr: 1,2-Dichloroethane-d4	135.7	10	µg/L	125	0	109	69	130	0
Surr: Toluene-d8	125.6	10	µg/L	125	0	101	69	121	0
Surr: 4-Bromofluorobenzene	126.9	10	µg/L	125	0	102	62	129	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID: 1511002-01Amsd **Batch ID:** R56713 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/4/2015 6:56:00 PM **Prep Date:** 10/26/2015
Client ID: MW-14 **Run ID:** V-2_151104A **SeqNo:** 951119

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	163.5	25	µg/L	100	0	164	27	173	158.8	2.95	20	
Chloromethane	141.4	25	µg/L	100	0	141	55	163	142.9	1.02	20	
Vinyl chloride	140.9	10	µg/L	100	0	141	67	162	131.2	7.13	20	
Chloroethane	118.8	25	µg/L	100	0	119	77	158	106.1	11.3	20	
Bromomethane	90.5	10	µg/L	100	0	90.5	50	150	84.65	6.68	20	
Trichlorofluoromethane	136.7	10	µg/L	100	0	137	75	168	130.4	4.64	20	
Diethyl ether	118.8	25	µg/L	100	0	119	58	149	125.4	5.45	20	
Acetone	136	50	µg/L	200	0	68	18	155	137.4	0.951	20	
1,1-Dichloroethene	128.6	5.0	µg/L	100	0	129	66	171	118.6	8.09	20	
Carbon disulfide	129.6	10	µg/L	100	0	130	37	165	126	2.62	20	
Methylene chloride	146	25	µg/L	100	0	146	76	156	147.4	0.954	20	
Methyl tert-butyl ether	122.2	10	µg/L	100	0	122	65	150	117.6	3.84	20	
trans-1,2-Dichloroethene	115	10	µg/L	100	0	115	76	151	108.6	5.64	20	
1,1-Dichloroethane	125.2	10	µg/L	100	0	125	71	157	125.6	0.319	20	
2-Butanone	149.7	50	µg/L	200	0	74.8	34	147	139.4	7.16	20	
2,2-Dichloropropane	97.3	10	µg/L	100	0	97.3	33	167	98.15	0.87	20	
cis-1,2-Dichloroethene	107.1	10	µg/L	100	0.51	107	74	151	101.8	5.07	20	
Chloroform	118.6	10	µg/L	100	0	119	75	150	112.2	5.5	20	
Tetrahydrofuran	133.9	50	µg/L	100	0	134	42	169	112.4	17.5	20	
Bromochloromethane	123.2	10	µg/L	100	0	123	79	146	112.2	9.35	20	
1,1,1-Trichloroethane	124.6	10	µg/L	100	0	125	67	166	115.6	7.49	20	
1,1-Dichloropropene	134.6	10	µg/L	100	0	135	76	165	119.4	12	20	
Carbon tetrachloride	126	10	µg/L	100	0	126	57	161	117.6	6.98	20	
1,2-Dichloroethane	116.2	10	µg/L	100	0	116	66	150	112.9	2.84	20	
Benzene	128.8	5.0	µg/L	100	0	129	77	150	119.6	7.41	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Trichloroethene	117.1	10	µg/L	100	2.59	115	80	150	115.6	1.33	20
1,2-Dichloropropane	137.3	10	µg/L	100	0	137	76	150	124.2	9.98	20
Bromodichloromethane	126.8	10	µg/L	100	0.59	126	57	140	125.8	0.832	20
Dibromomethane	115.1	10	µg/L	100	0	115	72	144	110.5	4.08	20
4-Methyl-2-pentanone	188.4	50	µg/L	200	0	94.2	38	148	184.8	1.98	20
cis-1,3-Dichloropropene	123	5.0	µg/L	100	0	123	49	136	115	6.72	20
Toluene	119.8	10	µg/L	100	0	120	77	150	112	6.73	20
trans-1,3-Dichloropropene	92.65	5.0	µg/L	100	0	92.6	37	142	87	6.29	20
1,1,2-Trichloroethane	119	10	µg/L	100	0	119	71	144	109.8	8	20
1,2-Dibromoethane	116.1	10	µg/L	100	0	116	61	146	107.2	7.97	20
2-Hexanone	179.8	50	µg/L	200	0	89.9	28	143	177.6	1.29	20
1,3-Dichloropropane	125.6	10	µg/L	100	0	126	77	137	124.6	0.839	20
Tetrachloroethene	112.6	10	µg/L	100	0.68	112	84	155	113.9	1.1	20
Dibromochloromethane	93.35	10	µg/L	100	0	93.4	45	135	92.15	1.29	20
Chlorobenzene	109	10	µg/L	100	0	109	88	133	111.8	2.49	20
1,1,1,2-Tetrachloroethane	91.3	10	µg/L	100	0	91.3	67	142	100	9.15	20
Ethylbenzene	118	10	µg/L	100	0	118	80	143	120.7	2.26	20
m,p-Xylene	225.6	10	µg/L	200	0	113	81	142	228.2	1.15	20
o-Xylene	111.6	10	µg/L	100	0	112	70	146	113.4	1.56	20
Styrene	116	10	µg/L	100	0	116	69	145	117.3	1.07	20
Bromoform	103.6	10	µg/L	100	1.42	102	31	136	113.9	9.52	20
Isopropylbenzene	105.4	10	µg/L	100	0	105	78	159	103.3	1.97	20
1,1,2,2-Tetrachloroethane	118.6	10	µg/L	100	0	119	61	140	115.3	2.82	20
1,2,3-Trichloropropane	111	10	µg/L	100	0	111	60	144	109.2	1.59	20
Bromobenzene	97.15	10	µg/L	100	0	97.2	81	131	103.5	6.33	20
n-Propylbenzene	113.7	10	µg/L	100	0.6	113	74	148	111.9	1.6	20
2-Chlorotoluene	110.2	10	µg/L	100	0	110	73	139	106.3	3.6	20
4-Chlorotoluene	107.7	10	µg/L	100	0	108	75	140	106.1	1.5	20
1,3,5-Trimethylbenzene	99	10	µg/L	100	0	99	71	147	101.2	2.15	20
tert-Butylbenzene	105	10	µg/L	100	0	105	72	147	100.3	4.63	20
1,2,4-Trimethylbenzene	103.5	10	µg/L	100	0	104	72	148	100.2	3.24	20

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

sec-Butylbenzene	108.5	10	µg/L	100	0	108	73	151	106.2	2.14	20
4-Isopropyltoluene	106.1	10	µg/L	100	0	106	68	145	103.2	2.82	20
1,3-Dichlorobenzene	101.6	10	µg/L	100	0	102	84	133	102.3	0.687	20
1,4-Dichlorobenzene	99.4	10	µg/L	100	0	99.4	81	134	95.7	3.79	20
n-Butylbenzene	114.1	10	µg/L	100	0	114	65	153	110	3.61	20
1,2-Dichlorobenzene	101.2	10	µg/L	100	0	101	81	131	103.5	2.25	20
1,2-Dibromo-3-chloropropane	94.1	25	µg/L	100	0	94.1	26	144	92.3	1.93	20
1,2,4-Trichlorobenzene	108.2	10	µg/L	100	0	108	70	142	107.3	0.789	20
Hexachlorobutadiene	100.7	10	µg/L	100	0	101	61	135	91.85	9.19	20
Naphthalene	100.2	25	µg/L	100	1.01	99.2	50	141	100.3	0.0499	20
1,2,3-Trichlorobenzene	104.5	10	µg/L	100	0	104	57	138	100.4	4.05	20
Surr: Dibromofluoromethane	132.6	10	µg/L	125	0	106	68	122	0	0	0
Surr: 1,2-Dichloroethane-d4	138.4	10	µg/L	125	0	111	69	130	0	0	0
Surr: Toluene-d8	132.6	10	µg/L	125	0	106	69	121	0	0	0
Surr: 4-Bromofluorobenzene	131	10	µg/L	125	0	105	62	129	0	0	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID: 1511002-14Ams **Batch ID:** R56729 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/6/2015 6:24:00 PM **Prep Date:** 10/27/2015
Client ID: MW-27 **Run ID:** V-2_151106A **SeqNo:** 951484

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	134.9	25	µg/L	100	0	135	27	173	0			
Chloromethane	123.6	25	µg/L	100	0	124	55	163	0			
Vinyl chloride	127.2	10	µg/L	100	0	127	67	162	0			
Chloroethane	106.2	25	µg/L	100	0	106	77	158	0			
Bromomethane	81.7	10	µg/L	100	0	81.7	50	150	0			
Trichlorofluoromethane	122.1	10	µg/L	100	0	122	75	168	0			
Diethyl ether	119.3	25	µg/L	100	0	119	58	149	0			
Acetone	115.6	50	µg/L	200	0	57.8	18	155	0			
1,1-Dichloroethene	108.8	5.0	µg/L	100	0	109	66	171	0			
Carbon disulfide	118.4	10	µg/L	100	0	118	37	165	0			
Methylene chloride	151.5	25	µg/L	100	0	152	76	156	0			
Methyl tert-butyl ether	103	10	µg/L	100	0	103	65	150	0			
trans-1,2-Dichloroethene	97.6	10	µg/L	100	0	97.6	76	151	0			
1,1-Dichloroethane	113.3	10	µg/L	100	0	113	71	157	0			
2-Butanone	130.8	50	µg/L	200	0	65.4	34	147	0			
2,2-Dichloropropane	81.65	10	µg/L	100	0	81.7	33	167	0			
cis-1,2-Dichloroethene	106.2	10	µg/L	100	0	106	74	151	0			
Chloroform	107.5	10	µg/L	100	0	107	75	150	0			
Tetrahydrofuran	102.5	50	µg/L	100	0	103	42	169	0			
Bromochloromethane	103.2	10	µg/L	100	0	103	79	146	0			
1,1,1-Trichloroethane	109.8	10	µg/L	100	0	110	67	166	0			
1,1-Dichloropropene	118.2	10	µg/L	100	0	118	76	165	0			
Carbon tetrachloride	111.1	10	µg/L	100	0	111	57	161	0			
1,2-Dichloroethane	103.4	10	µg/L	100	0	103	66	150	0			
Benzene	111.5	5.0	µg/L	100	0	112	77	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Sample Matrix Spike

Trichloroethene	95.2	10	µg/L	100	0	95.2	80	150	0
1,2-Dichloropropane	123.6	10	µg/L	100	0	124	76	150	0
Bromodichloromethane	114.3	10	µg/L	100	0	114	57	140	0
Dibromomethane	100.7	10	µg/L	100	0	101	72	144	0
4-Methyl-2-pentanone	165.3	50	µg/L	200	0	82.6	38	148	0
cis-1,3-Dichloropropene	103.8	5.0	µg/L	100	0	104	49	136	0
Toluene	111.8	10	µg/L	100	0	112	77	150	0
trans-1,3-Dichloropropene	75.75	5.0	µg/L	100	0	75.8	37	142	0
1,1,2-Trichloroethane	103	10	µg/L	100	0	103	71	144	0
1,2-Dibromoethane	98.15	10	µg/L	100	0	98.2	61	146	0
2-Hexanone	148	50	µg/L	200	0	74	28	143	0
1,3-Dichloropropane	124.5	10	µg/L	100	0	124	77	137	0
Tetrachloroethene	112.4	10	µg/L	100	0	112	84	155	0
Dibromochloromethane	84.45	10	µg/L	100	0	84.4	45	135	0
Chlorobenzene	110.4	10	µg/L	100	0	110	88	133	0
1,1,1,2-Tetrachloroethane	103.9	10	µg/L	100	0	104	67	142	0
Ethylbenzene	120.2	10	µg/L	100	0	120	80	143	0
m,p-Xylene	230.6	10	µg/L	200	0	115	81	142	0
o-Xylene	111.4	10	µg/L	100	0	111	70	146	0
Styrene	115.9	10	µg/L	100	0	116	69	145	0
Bromoform	98.15	10	µg/L	100	0	98.2	31	136	0
Isopropylbenzene	111.6	10	µg/L	100	0	112	78	159	0
1,1,2,2-Tetrachloroethane	121	10	µg/L	100	0	121	61	140	0
1,2,3-Trichloropropane	109.7	10	µg/L	100	0	110	60	144	0
Bromobenzene	104.5	10	µg/L	100	0	104	81	131	0
n-Propylbenzene	122.6	10	µg/L	100	0	123	74	148	0
2-Chlorotoluene	117.6	10	µg/L	100	0	118	73	139	0
4-Chlorotoluene	109.8	10	µg/L	100	0	110	75	140	0
1,3,5-Trimethylbenzene	109.2	10	µg/L	100	0	109	71	147	0
tert-Butylbenzene	110	10	µg/L	100	0	110	72	147	0
1,2,4-Trimethylbenzene	115.2	10	µg/L	100	0	115	72	148	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Sample Matrix Spike

sec-Butylbenzene	119.4	10	µg/L	100	0	119	73	151	0
4-Isopropyltoluene	114.1	10	µg/L	100	0	114	68	145	0
1,3-Dichlorobenzene	110.6	10	µg/L	100	0	111	84	133	0
1,4-Dichlorobenzene	102.2	10	µg/L	100	0	102	81	134	0
n-Butylbenzene	123.2	10	µg/L	100	0	123	65	153	0
1,2-Dichlorobenzene	108.4	10	µg/L	100	0	108	81	131	0
1,2-Dibromo-3-chloropropane	80.8	25	µg/L	100	0	80.8	26	144	0
1,2,4-Trichlorobenzene	115.6	10	µg/L	100	0	116	70	142	0
Hexachlorobutadiene	112.4	10	µg/L	100	0	112	61	135	0
Naphthalene	104.2	25	µg/L	100	0	104	50	141	0
1,2,3-Trichlorobenzene	102.4	10	µg/L	100	0	102	57	138	0
Surr: Dibromofluoromethane	128.2	10	µg/L	125	0	103	68	122	0
Surr: 1,2-Dichloroethane-d4	130.4	10	µg/L	125	0	104	69	130	0
Surr: Toluene-d8	125.3	10	µg/L	125	0	100	69	121	0
Surr: 4-Bromofluorobenzene	120.6	10	µg/L	125	0	96.4	62	129	0

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID: 1511002-14Amsd **Batch ID:** R56729 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/6/2015 6:59:00 PM **Prep Date:** 10/27/2015
Client ID: MW-27 **Run ID:** V-2_151106A **SeqNo:** 951485

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	132	25	µg/L	100	0	132	27	173	134.9	2.21	20	
Chloromethane	153.6	25	µg/L	100	0	154	55	163	123.6	21.6	20	R
Vinyl chloride	143.2	10	µg/L	100	0	143	67	162	127.2	11.8	20	
Chloroethane	111.4	25	µg/L	100	0	111	77	158	106.2	4.87	20	
Bromomethane	91.85	10	µg/L	100	0	91.8	50	150	81.7	11.7	20	
Trichlorofluoromethane	127.5	10	µg/L	100	0	128	75	168	122.1	4.33	20	
Diethyl ether	131.8	25	µg/L	100	0	132	58	149	119.3	10	20	
Acetone	113.9	50	µg/L	200	0	56.9	18	155	115.6	1.57	20	
1,1-Dichloroethene	111.7	5.0	µg/L	100	0	112	66	171	108.8	2.54	20	
Carbon disulfide	117.2	10	µg/L	100	0	117	37	165	118.4	0.976	20	
Methylene chloride	153.9	25	µg/L	100	0	154	76	156	151.5	1.57	20	
Methyl tert-butyl ether	113.2	10	µg/L	100	0	113	65	150	103	9.44	20	
trans-1,2-Dichloroethene	106.4	10	µg/L	100	0	106	76	151	97.6	8.63	20	
1,1-Dichloroethane	115.8	10	µg/L	100	0	116	71	157	113.3	2.18	20	
2-Butanone	133.6	50	µg/L	200	0	66.8	34	147	130.8	2.12	20	
2,2-Dichloropropane	85.7	10	µg/L	100	0	85.7	33	167	81.65	4.84	20	
cis-1,2-Dichloroethene	101.5	10	µg/L	100	0	102	74	151	106.2	4.57	20	
Chloroform	105.6	10	µg/L	100	0	106	75	150	107.5	1.69	20	
Tetrahydrofuran	107.8	50	µg/L	100	0	108	42	169	102.5	4.99	20	
Bromochloromethane	110	10	µg/L	100	0	110	79	146	103.2	6.33	20	
1,1,1-Trichloroethane	108.8	10	µg/L	100	0	109	67	166	109.8	0.915	20	
1,1-Dichloropropene	118	10	µg/L	100	0	118	76	165	118.2	0.169	20	
Carbon tetrachloride	112.9	10	µg/L	100	0	113	57	161	111.1	1.56	20	
1,2-Dichloroethane	101.5	10	µg/L	100	0	101	66	150	103.4	1.86	20	
Benzene	113.3	5.0	µg/L	100	0	113	77	150	111.5	1.6	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Trichloroethene	113.4	10	µg/L	100	0	113	80	150	95.2	17.4	20
1,2-Dichloropropane	121.9	10	µg/L	100	0	122	76	150	123.6	1.43	20
Bromodichloromethane	113.4	10	µg/L	100	0	113	57	140	114.3	0.746	20
Dibromomethane	99.3	10	µg/L	100	0	99.3	72	144	100.7	1.4	20
4-Methyl-2-pentanone	184	50	µg/L	200	0	92	38	148	165.3	10.7	20
cis-1,3-Dichloropropene	103.7	5.0	µg/L	100	0	104	49	136	103.6	0.0964	20
Toluene	114.2	10	µg/L	100	0	114	77	150	111.8	2.12	20
trans-1,3-Dichloropropene	79.85	5.0	µg/L	100	0	79.8	37	142	75.75	5.27	20
1,1,2-Trichloroethane	106.2	10	µg/L	100	0	106	71	144	103	3.15	20
1,2-Dibromoethane	101.6	10	µg/L	100	0	102	61	146	98.15	3.41	20
2-Hexanone	158	50	µg/L	200	0	79	28	143	148	6.54	20
1,3-Dichloropropane	123.4	10	µg/L	100	0	123	77	137	124.5	0.847	20
Tetrachloroethene	111	10	µg/L	100	0	111	84	155	112.4	1.25	20
Dibromochloromethane	82.7	10	µg/L	100	0	82.7	45	135	84.45	2.09	20
Chlorobenzene	109	10	µg/L	100	0	109	88	133	110.4	1.28	20
1,1,1,2-Tetrachloroethane	99.25	10	µg/L	100	0	99.2	67	142	103.9	4.58	20
Ethylbenzene	116.4	10	µg/L	100	0	116	80	143	120.2	3.17	20
m,p-Xylene	229.2	10	µg/L	200	0	115	81	142	230.6	0.609	20
o-Xylene	113.4	10	µg/L	100	0	113	70	146	111.4	1.78	20
Styrene	117.6	10	µg/L	100	0	118	69	145	115.9	1.41	20
Bromoform	98	10	µg/L	100	0	98	31	136	98.15	0.153	20
Isopropylbenzene	112.4	10	µg/L	100	0	112	78	159	111.6	0.804	20
1,1,2,2-Tetrachloroethane	124	10	µg/L	100	0	124	61	140	121	2.53	20
1,2,3-Trichloropropane	112.3	10	µg/L	100	0	112	60	144	109.7	2.34	20
Bromobenzene	108.5	10	µg/L	100	0	108	81	131	104.5	3.76	20
n-Propylbenzene	120.1	10	µg/L	100	0	120	74	148	122.6	2.1	20
2-Chlorotoluene	109.3	10	µg/L	100	0	109	73	139	117.6	7.32	20
4-Chlorotoluene	112	10	µg/L	100	0	112	75	140	109.8	1.98	20
1,3,5-Trimethylbenzene	107.3	10	µg/L	100	0	107	71	147	109.2	1.71	20
tert-Butylbenzene	113.6	10	µg/L	100	0	114	72	147	110	3.27	20
1,2,4-Trimethylbenzene	109.2	10	µg/L	100	0	109	72	148	115.2	5.39	20

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

sec-Butylbenzene	116.7	10	µg/L	100	0	117	73	151	119.4	2.29	20
4-Isopropyltoluene	111.6	10	µg/L	100	0	112	68	146	114.1	2.22	20
1,3-Dichlorobenzene	114.2	10	µg/L	100	0	114	84	133	110.6	3.25	20
1,4-Dichlorobenzene	108	10	µg/L	100	0	108	81	134	102.2	5.56	20
n-Butylbenzene	124	10	µg/L	100	0	124	65	153	123.2	0.688	20
1,2-Dichlorobenzene	109.4	10	µg/L	100	0	109	81	131	108.4	0.826	20
1,2-Dibromo-3-chloropropane	96.8	25	µg/L	100	0	96.8	26	144	80.8	18	20
1,2,4-Trichlorobenzene	118	10	µg/L	100	0	118	70	142	115.6	1.97	20
Hexachlorobutadiene	105.6	10	µg/L	100	0	106	61	135	112.4	6.24	20
Naphthalene	106	25	µg/L	100	0	106	50	141	104.2	1.81	20
1,2,3-Trichlorobenzene	109	10	µg/L	100	0	109	57	138	102.4	6.2	20
Surr: Dibromofluoromethane	125.6	10	µg/L	125	0	100	68	122	0	0	0
Surr: 1,2-Dichloroethane-d4	132.6	10	µg/L	125	0	106	69	130	0	0	0
Surr: Toluene-d8	123.8	10	µg/L	125	0	99.1	69	121	0	0	0
Surr: 4-Bromofluorobenzene	122	10	µg/L	125	0	97.6	62	129	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID: 1511002-02Ams **Batch ID:** R56738 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/9/2015 5:28:00 PM **Prep Date:** 10/27/2015
Client ID: MW-11 **Run ID:** V-2_151109A **SeqNo:** 951699

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	127.8	25	µg/L	100	0	128	27	173	0			
Chloromethane	115.3	25	µg/L	100	0	115	55	163	0			
Vinyl chloride	109.1	10	µg/L	100	0	109	67	162	0			
Chloroethane	93.25	25	µg/L	100	0	93.2	77	158	0			
Bromomethane	76.2	10	µg/L	100	0	76.2	50	150	0			
Trichlorofluoromethane	120.4	10	µg/L	100	0	120	75	168	0			
Diethyl ether	105.6	25	µg/L	100	0	106	58	149	0			
Acetone	105.4	50	µg/L	200	0	52.7	18	155	0			
1,1-Dichloroethene	104	5.0	µg/L	100	0	104	66	171	0			
Carbon disulfide	104.6	10	µg/L	100	0	105	37	165	0			
Methylene chloride	132.8	25	µg/L	100	0	133	76	156	0			
Methyl tert-butyl ether	102.2	10	µg/L	100	0	102	65	150	0			
trans-1,2-Dichloroethene	100.3	10	µg/L	100	0	100	76	151	0			
1,1-Dichloroethane	113	10	µg/L	100	0	113	71	157	0			
2-Butanone	127	50	µg/L	200	0	63.5	34	147	0			
2,2-Dichloropropane	86.3	10	µg/L	100	0	86.3	33	167	0			
cis-1,2-Dichloroethene	101	10	µg/L	100	0	101	74	151	0			
Chloroform	107.5	10	µg/L	100	0	108	75	150	0			
Tetrahydrofuran	96.35	50	µg/L	100	0	96.4	42	169	0			
Bromochloromethane	100.6	10	µg/L	100	0	101	79	146	0			
1,1,1-Trichloroethane	109.4	10	µg/L	100	0	109	67	166	0			
1,1-Dichloropropene	112.2	10	µg/L	100	0	112	76	165	0			
Carbon tetrachloride	116.8	10	µg/L	100	0	117	57	161	0			
1,2-Dichloroethane	105.2	10	µg/L	100	0	105	66	150	0			
Benzene	109.4	5.0	µg/L	100	0	109	77	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Sample Matrix Spike

Trichloroethene	108.5	10	µg/L	100	0	108	80	150	0
1,2-Dichloropropane	105.6	10	µg/L	100	0	106	76	150	0
Bromodichloromethane	120.3	10	µg/L	100	0	120	57	140	0
Dibromomethane	98.95	10	µg/L	100	0	99	72	144	0
4-Methyl-2-pentanone	182.9	50	µg/L	200	0	91.5	38	148	0
cis-1,3-Dichloropropene	108.6	5.0	µg/L	100	0	109	49	136	0
Toluene	109.8	10	µg/L	100	0	110	77	150	0
trans-1,3-Dichloropropene	83.45	5.0	µg/L	100	0	83.4	37	142	0
1,1,2-Trichloroethane	103.5	10	µg/L	100	0	104	71	144	0
1,2-Dibromoethane	103.2	10	µg/L	100	0	103	61	146	0
2-Hexanone	161.2	50	µg/L	200	0	80.6	28	143	0
1,3-Dichloropropane	124.2	10	µg/L	100	0	124	77	137	0
Tetrachloroethene	110	10	µg/L	100	0	110	84	155	0
Dibromochloromethane	86.7	10	µg/L	100	0	86.7	45	135	0
Chlorobenzene	106.8	10	µg/L	100	0	107	88	133	0
1,1,1,2-Tetrachloroethane	96.2	10	µg/L	100	0	96.2	67	142	0
Ethylbenzene	130.8	10	µg/L	100	21.54	109	80	143	0
m,p-Xylene	264.5	10	µg/L	200	46.8	109	81	142	0
o-Xylene	140.5	10	µg/L	100	36.26	104	70	146	0
Styrene	114.1	10	µg/L	100	0	114	89	145	0
Bromoform	103.4	10	µg/L	100	0	103	31	136	0
Isopropylbenzene	104.2	10	µg/L	100	0	104	78	159	0
1,1,2,2-Tetrachloroethane	115.8	10	µg/L	100	0	116	61	140	0
1,2,3-Trichloropropane	105.4	10	µg/L	100	0	105	60	144	0
Bromobenzene	104.8	10	µg/L	100	0	105	81	131	0
n-Propylbenzene	110.4	10	µg/L	100	0	110	74	148	0
2-Chlorotoluene	111.2	10	µg/L	100	0	111	73	139	0
4-Chlorotoluene	104.4	10	µg/L	100	0	104	75	140	0
1,3,5-Trimethylbenzene	99.35	10	µg/L	100	0	99.4	71	147	0
tert-Butylbenzene	103	10	µg/L	100	0	103	72	147	0
1,2,4-Trimethylbenzene	100.7	10	µg/L	100	0	101	72	148	0

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Sample Matrix Spike

sec-Butylbenzene	106.2	10	µg/L	100	0	106	73	151	0
4-Isopropyltoluene	106.4	10	µg/L	100	0	106	68	145	0
1,3-Dichlorobenzene	103.8	10	µg/L	100	0	104	84	133	0
1,4-Dichlorobenzene	95.7	10	µg/L	100	0	95.7	81	134	0
n-Butylbenzene	112.6	10	µg/L	100	0	113	65	153	0
1,2-Dichlorobenzene	103.8	10	µg/L	100	0	104	81	131	0
1,2-Dibromo-3-chloropropane	95.45	25	µg/L	100	0	95.4	26	144	0
1,2,4-Trichlorobenzene	105.6	10	µg/L	100	0	106	70	142	0
Hexachlorobutadiene	99.5	10	µg/L	100	0.52	99	61	135	0
Naphthalene	102	25	µg/L	100	0	102	50	141	0
1,2,3-Trichlorobenzene	99.35	10	µg/L	100	0	99.4	57	138	0
Surr: Dibromofluoromethane	123.2	10	µg/L	125	0	98.6	68	122	0
Surr: 1,2-Dichloroethane-d4	128	10	µg/L	125	0	102	69	130	0
Surr: Toluene-d8	124.3	10	µg/L	125	0	99.4	69	121	0
Surr: 4-Bromofluorobenzene	129.6	10	µg/L	125	0	104	62	129	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *11-Nov-15*

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID: 1511002-02Amsd **Batch ID:** R56738 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 11/9/2015 6:04:00 PM **Prep Date:** 10/27/2015
Client ID: MW-11 **Run ID:** V-2_151109A **SeqNo:** 951700

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	132.8	25	µg/L	100	0	133	27	173	127.8	3.84	20	
Chloromethane	126.6	25	µg/L	100	0	127	55	163	115.3	9.38	20	
Vinyl chloride	116.2	10	µg/L	100	0	116	67	162	109.1	6.26	20	
Chloroethane	97.6	25	µg/L	100	0	97.6	77	158	93.25	4.56	20	
Bromomethane	74.7	10	µg/L	100	0	74.7	50	150	76.2	1.99	20	
Trichlorofluoromethane	128.2	10	µg/L	100	0	128	75	168	120.4	6.27	20	
Diethyl ether	106.8	25	µg/L	100	0	107	58	149	105.6	1.18	20	
Acetone	106.8	50	µg/L	200	0	53.4	18	155	105.4	1.32	20	
1,1-Dichloroethene	104.1	5.0	µg/L	100	0	104	68	171	104	0.144	20	
Carbon disulfide	105	10	µg/L	100	0	105	37	165	104.6	0.477	20	
Methylene chloride	141.4	25	µg/L	100	0	141	76	156	132.8	6.28	20	
Methyl tert-butyl ether	101.3	10	µg/L	100	0	101	65	150	102.2	0.836	20	
trans-1,2-Dichloroethene	100.2	10	µg/L	100	0	100	76	151	100.3	0.0499	20	
1,1-Dichloroethane	115.3	10	µg/L	100	0	115	71	157	113	1.97	20	
2-Butanone	116.4	50	µg/L	200	0	58.2	34	147	127	8.79	20	
2,2-Dichloropropane	86.8	10	µg/L	100	0	86.8	33	167	86.3	0.578	20	
cis-1,2-Dichloroethene	104.1	10	µg/L	100	0	104	74	151	101	2.97	20	
Chloroform	107.5	10	µg/L	100	0	107	75	150	107.5	0.0465	20	
Tetrahydrofuran	102.8	50	µg/L	100	0	103	42	169	96.35	6.43	20	
Bromochloromethane	103.4	10	µg/L	100	0	103	79	146	100.6	2.79	20	
1,1,1-Trichloroethane	112.2	10	µg/L	100	0	112	67	166	109.4	2.48	20	
1,1-Dichloropropene	115.8	10	µg/L	100	0	116	76	165	112.2	3.16	20	
Carbon tetrachloride	119.1	10	µg/L	100	0	119	57	161	116.8	1.87	20	
1,2-Dichloroethane	102.2	10	µg/L	100	0	102	66	150	105.2	2.89	20	
Benzene	112.8	5.0	µg/L	100	0	113	77	150	109.4	3.02	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Trichloroethene	105.6	10	µg/L	100	0	106	80	150	108.5	2.76	20
1,2-Dichloropropane	115.8	10	µg/L	100	0	116	76	150	105.8	9.07	20
Bromodichloromethane	129.8	10	µg/L	100	0	130	57	140	120.3	7.6	20
Dibromomethane	102.2	10	µg/L	100	0	102	72	144	98.95	3.18	20
4-Methyl-2-pentanone	166	50	µg/L	200	0	83	38	148	182.9	9.69	20
cis-1,3-Dichloropropene	107.5	5.0	µg/L	100	0	108	49	138	108.6	1.02	20
Toluene	108.6	10	µg/L	100	0	109	77	150	109.8	1.01	20
trans-1,3-Dichloropropene	79.5	5.0	µg/L	100	0	79.5	37	142	83.45	4.85	20
1,1,2-Trichloroethane	109.4	10	µg/L	100	0	109	71	144	103.5	5.54	20
1,2-Dibromoethane	100	10	µg/L	100	0	100	61	146	103.2	3.2	20
2-Hexanone	163.4	50	µg/L	200	0	81.7	28	143	161.2	1.32	20
1,3-Dichloropropane	128.6	10	µg/L	100	0	129	77	137	124.2	3.48	20
Tetrachloroethene	117.4	10	µg/L	100	0	117	84	155	110	6.55	20
Dibromochloromethane	97.95	10	µg/L	100	0	98	45	135	86.7	12.2	20
Chlorobenzene	114.5	10	µg/L	100	0	114	88	133	106.8	6.91	20
1,1,1,2-Tetrachloroethane	107.8	10	µg/L	100	0	108	67	142	96.2	11.4	20
Ethylbenzene	143.2	10	µg/L	100	21.54	122	80	143	130.8	8.98	20
m,p-Xylene	282	10	µg/L	200	46.8	118	81	142	264.5	6.39	20
o-Xylene	150.8	10	µg/L	100	36.26	114	70	146	140.5	7.04	20
Styrene	120.6	10	µg/L	100	0	121	69	145	114.1	5.54	20
Bromoform	108.8	10	µg/L	100	0	109	31	136	103.4	5.04	20
Isopropylbenzene	108.8	10	µg/L	100	0	109	78	159	104.2	4.27	20
1,1,2,2-Tetrachloroethane	118.4	10	µg/L	100	0	118	61	140	115.8	2.31	20
1,2,3-Trichloropropane	109	10	µg/L	100	0	109	60	144	105.4	3.31	20
Bromobenzene	101.4	10	µg/L	100	0	101	81	131	104.8	3.3	20
n-Propylbenzene	117.6	10	µg/L	100	0	118	74	148	110.4	6.27	20
2-Chlorotoluene	116	10	µg/L	100	0	116	73	139	111.2	4.14	20
4-Chlorotoluene	110.6	10	µg/L	100	0	111	75	140	104.4	5.82	20
1,3,5-Trimethylbenzene	107.6	10	µg/L	100	0	108	71	147	99.35	7.97	20
tert-Butylbenzene	112.4	10	µg/L	100	0	112	72	147	103	8.82	20
1,2,4-Trimethylbenzene	103.9	10	µg/L	100	0	104	72	148	100.7	3.18	20

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Leggette, Brashears & Graham, Inc.
Work Order: 1511002
Project: FYN Paint

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

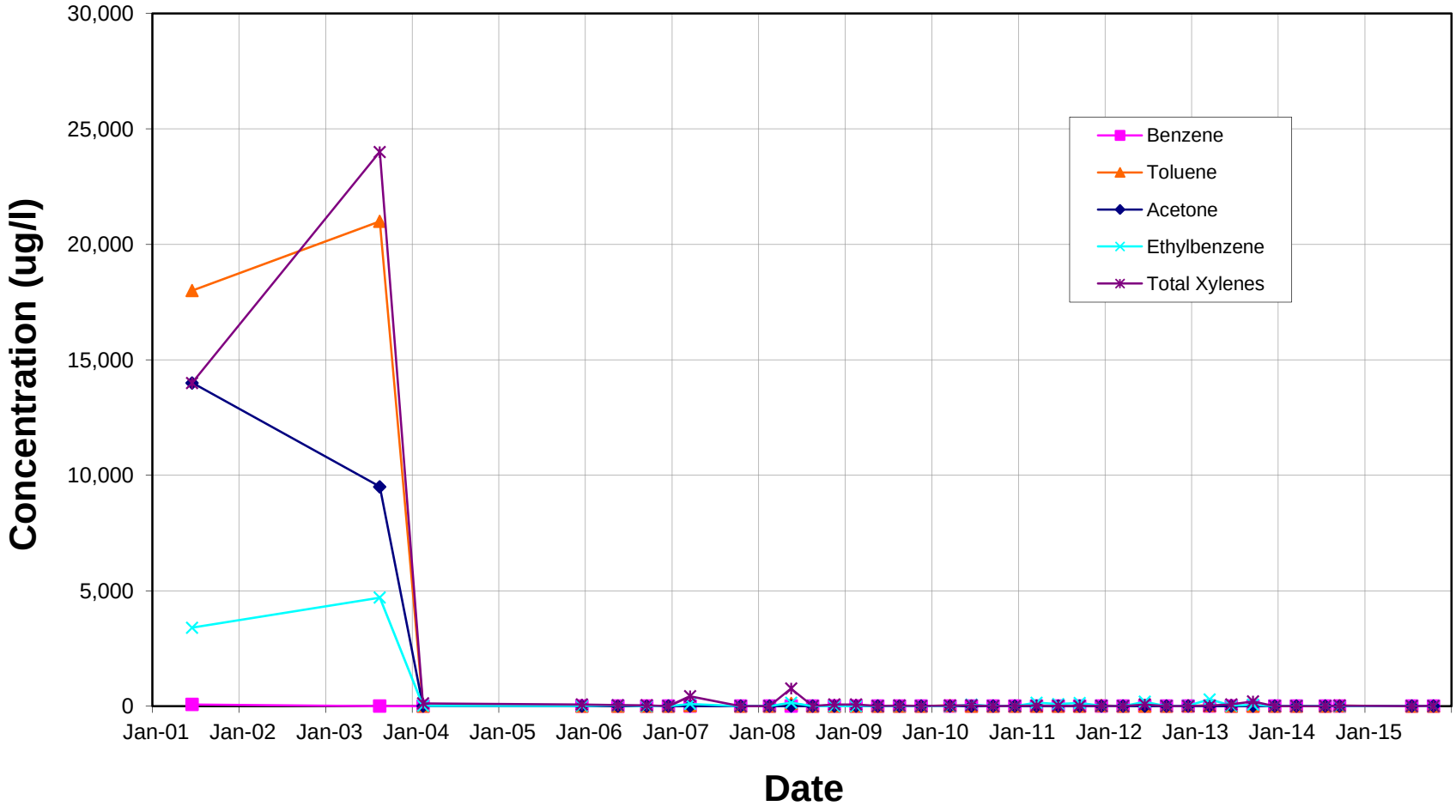
sec-Butylbenzene	115.1	10	µg/L	100	0	115	73	151	106.2	8	20
4-Isopropyltoluene	113.6	10	µg/L	100	0	114	68	145	106.4	6.55	20
1,3-Dichlorobenzene	111.8	10	µg/L	100	0	112	84	133	103.8	7.37	20
1,4-Dichlorobenzene	101.2	10	µg/L	100	0	101	81	134	95.7	5.54	20
n-Butylbenzene	123.4	10	µg/L	100	0	123	66	153	112.6	9.24	20
1,2-Dichlorobenzene	110.1	10	µg/L	100	0	110	81	131	103.8	5.84	20
1,2-Dibromo-3-chloropropane	99.7	25	µg/L	100	0	99.7	26	144	95.45	4.36	20
1,2,4-Trichlorobenzene	114.1	10	µg/L	100	0	114	70	142	105.6	7.79	20
Hexachlorobutadiene	95.45	10	µg/L	100	0.52	94.9	61	135	99.5	4.15	20
Naphthalene	108	25	µg/L	100	0	108	50	141	102	5.81	20
1,2,3-Trichlorobenzene	114.6	10	µg/L	100	0	115	57	138	99.35	14.3	20
Surr: Dibromofluoromethane	122.6	10	µg/L	125	0	98.1	68	122	0	0	0
Surr: 1,2-Dichloroethane-d4	129.9	10	µg/L	125	0	104	69	130	0	0	0
Surr: Toluene-d8	125.2	10	µg/L	125	0	100	69	121	0	0	0
Surr: 4-Bromofluorobenzene	130.5	10	µg/L	125	0	104	62	129	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

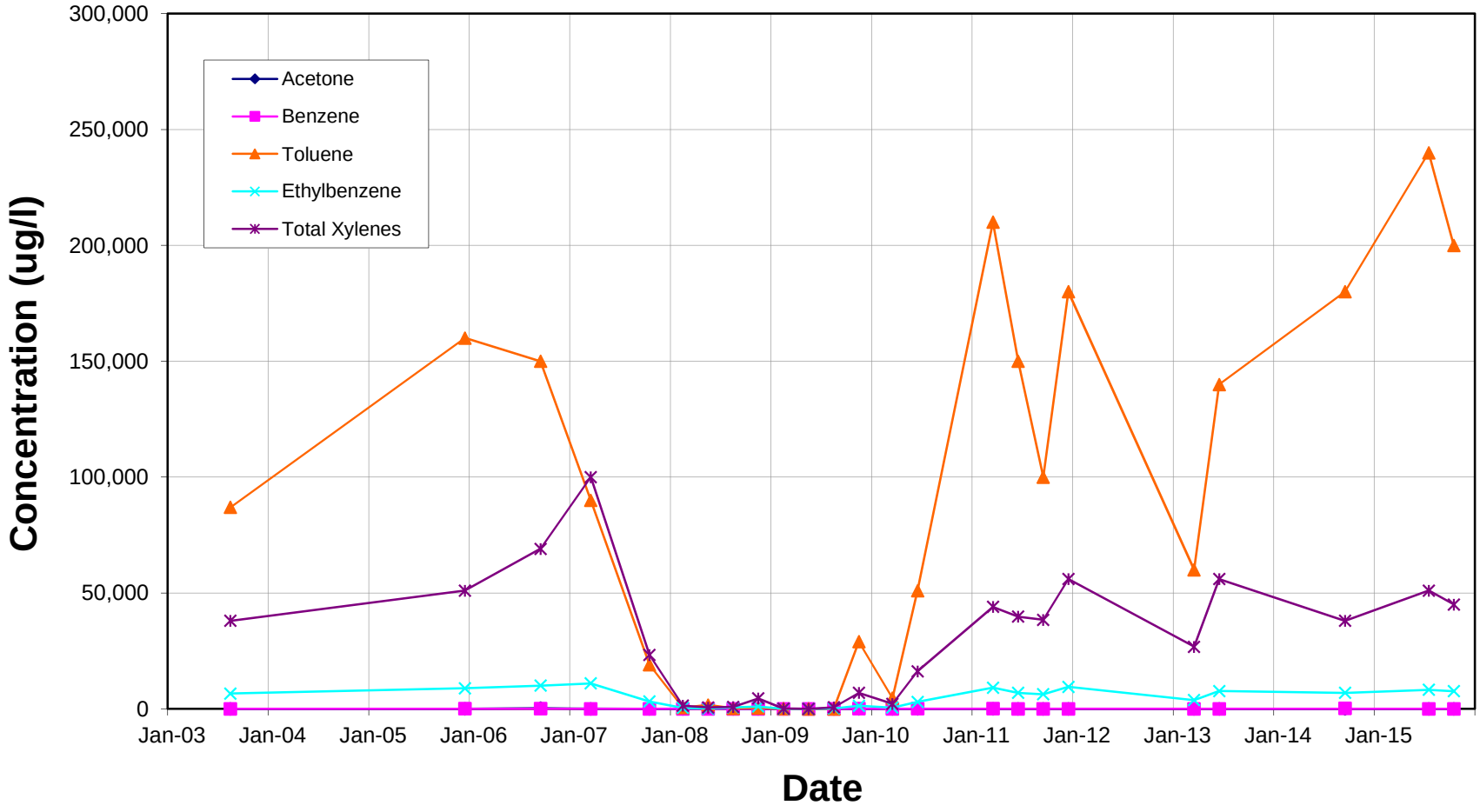
APPENDIX IV

Historical Groundwater Quality Tables and Graphs

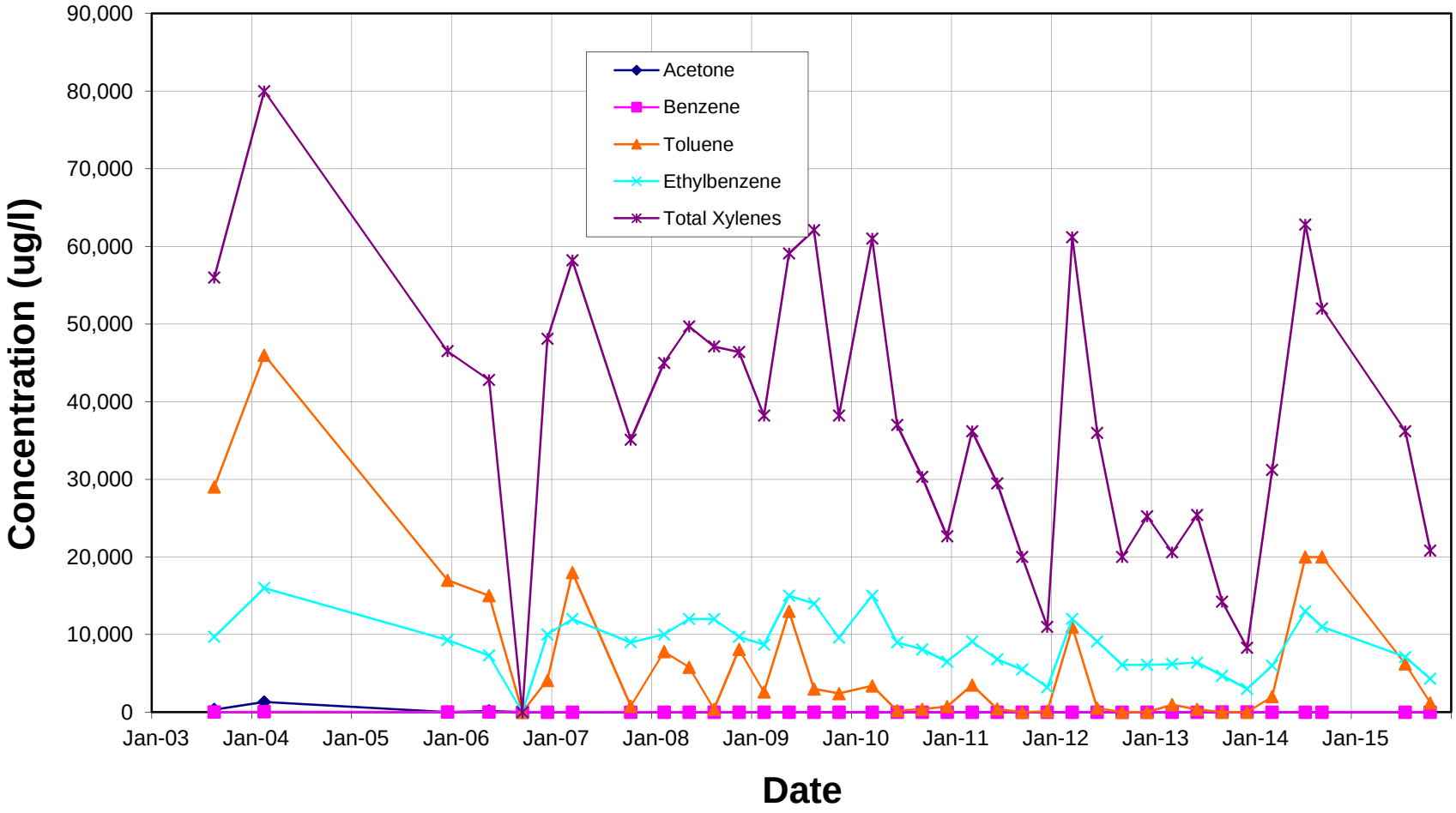
Historic Groundwater Quality: MW-4



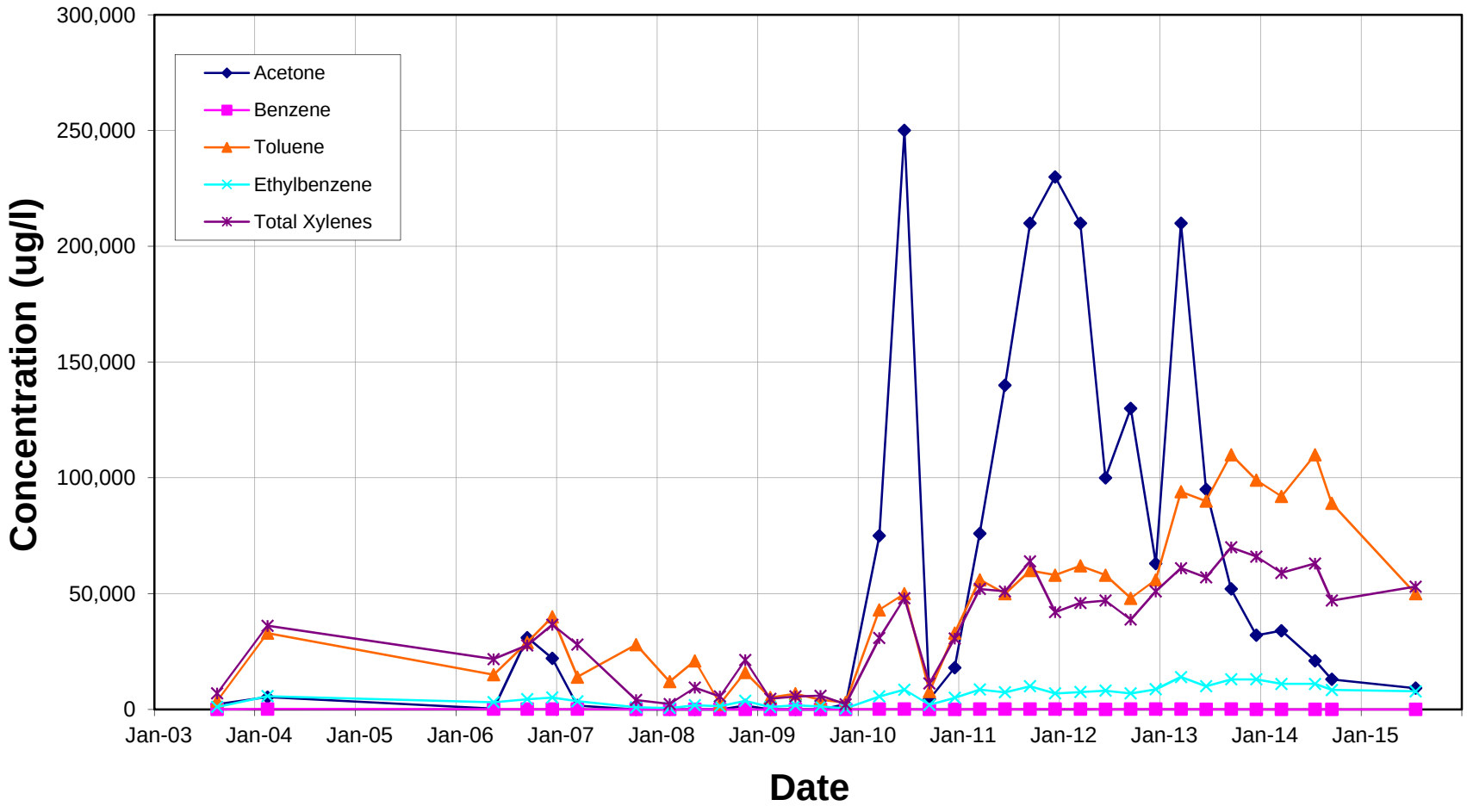
Historic Groundwater Quality: MW-9A



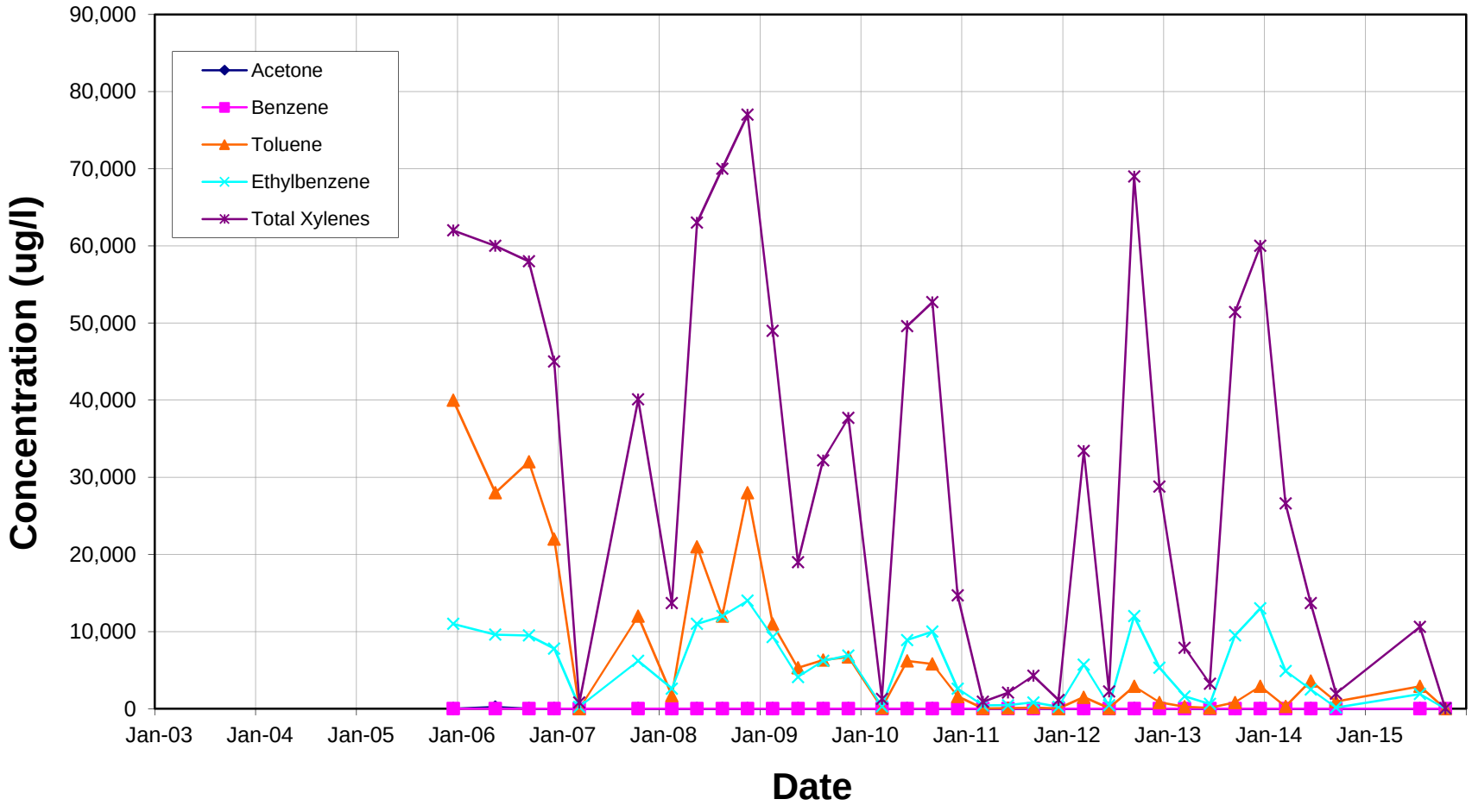
Historic Groundwater Quality: MW-12



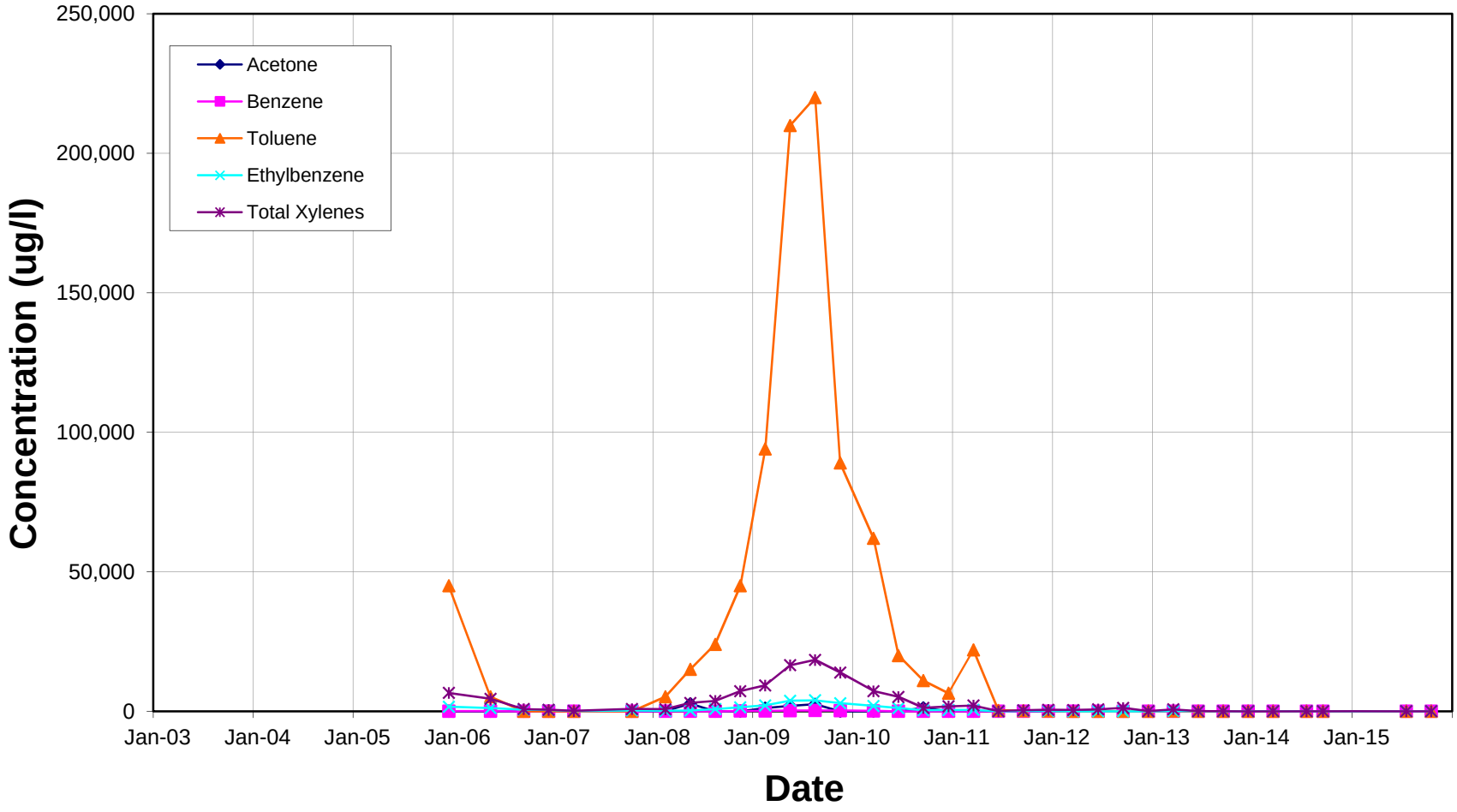
Historic Groundwater Quality: MW-16



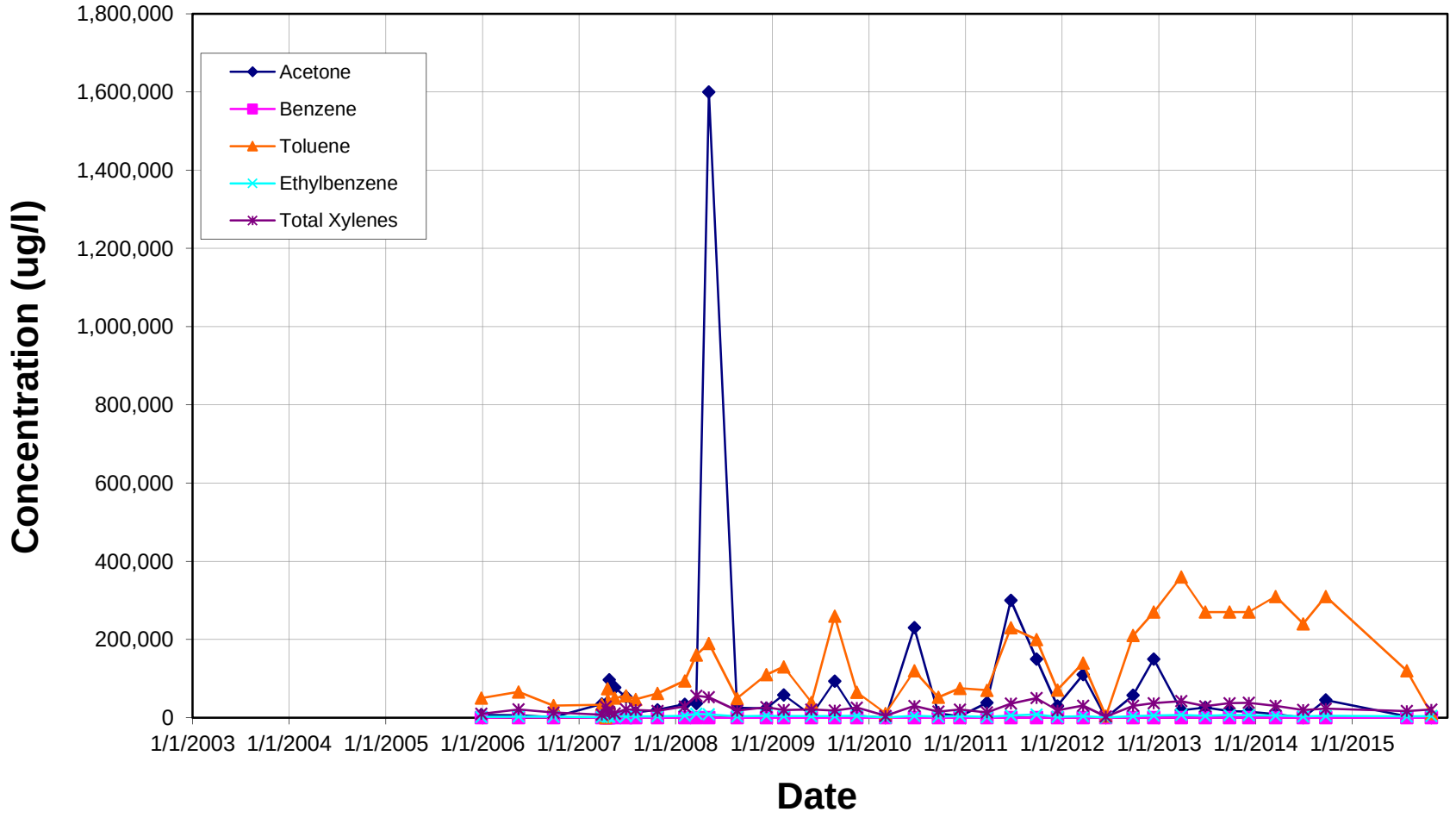
Historic Groundwater Quality: MW-23



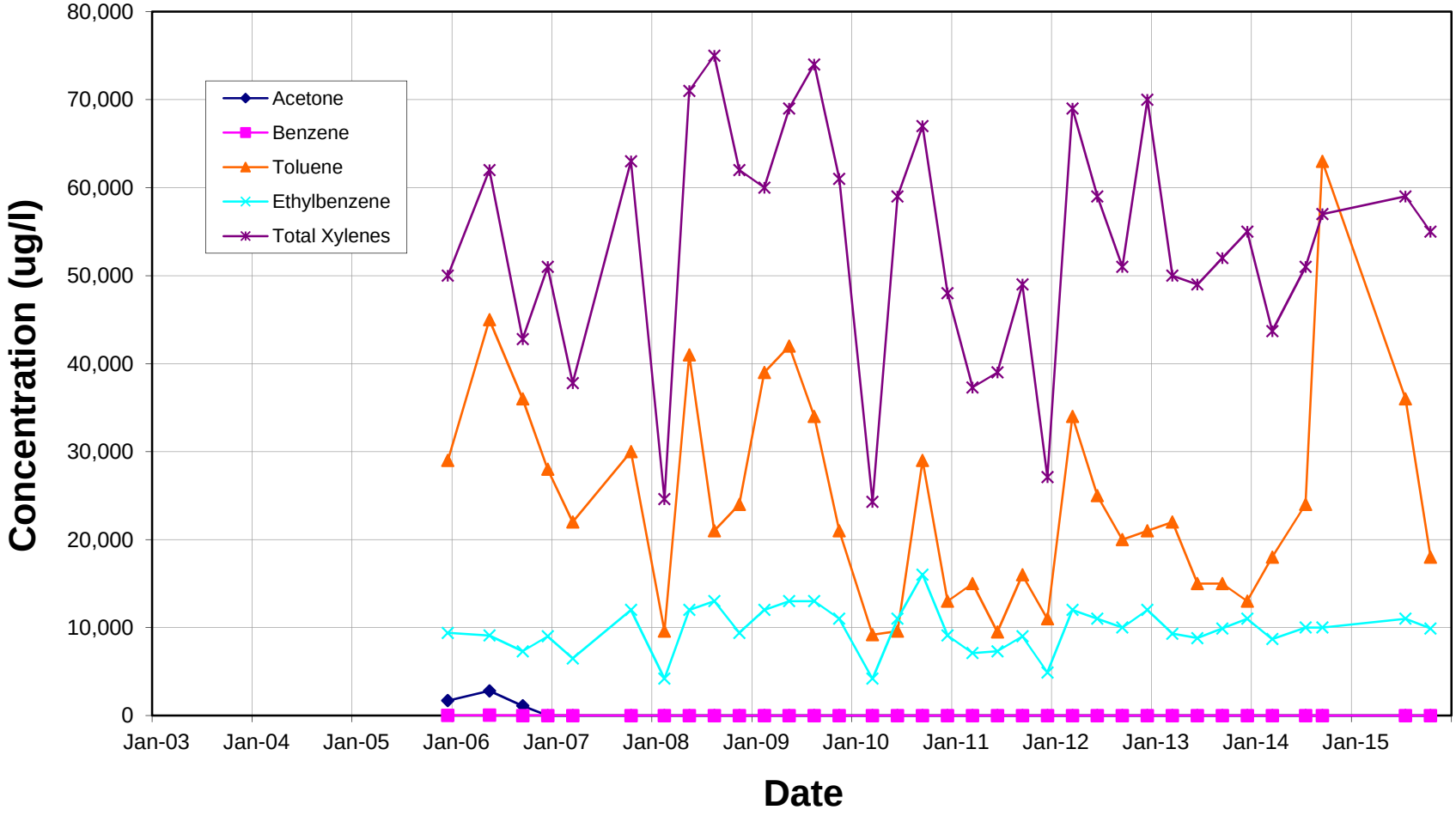
Historic Groundwater Quality: MW-24



Historic Groundwater Quality: EW-1



Historic Groundwater Quality: EW-2



DECISION DOCUMENT

Fyn Paint and Lacquer Co., Inc.
Brownfield Cleanup Program
Brooklyn, Kings County
Site No. C224154
October 2016



Prepared by
Division of Environmental Remediation
New York State Department of Environmental Conservation

DECLARATION STATEMENT - DECISION DOCUMENT

Fyn Paint and Lacquer Co., Inc.
Brownfield Cleanup Program
Brooklyn, Kings County
Site No. C224154
October 2016

Statement of Purpose and Basis

This document presents the remedy for the Fyn Paint and Lacquer Co., Inc. site, a brownfield cleanup site. The remedial program was chosen in accordance with the New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375.

This decision is based on the Administrative Record of the New York State Department of Environmental Conservation (the Department) for the Fyn Paint and Lacquer Co., Inc. site and the public's input to the proposed remedy presented by the Department.

Description of Selected Remedy

The elements of the selected remedy are as follows:

1. Remedial Design

A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

2. Excavation

The existing on-site building will be demolished to facilitate the proposed remedy. Following

completion of the building demolition, a sheeting system consisting of a waterproof hydraulic barrier will be installed at the perimeter of the site. The waterproof hydraulic barrier will consist of a series of interlocked steel sheets with a sealable cavity within each interlock. After installation, the interlock is flushed and a low permeability grout is injected into the entire length of the interlock. The hydraulic barrier will be installed to a sufficient depth to provide structural support which will facilitate the soil excavation within the property boundaries. Due to these requirements, the sheeting system will be installed to an approximate depth of 25-30 feet below grade.

After the waterproof hydraulic barrier is installed all on-site soils which exceed unrestricted soil cleanup objectives (SCOs), as defined by 6 NYCRR Part 375-6.8, will be excavated and transported off-site for disposal. This will include excavation and off-site disposal of contaminant source areas, including:

- grossly contaminated soil, as defined in 6 NYCRR Part 375-1.2(u);
- removal of any underground storage tanks (USTs), fuel dispensers, underground piping or other structures associated with a source of contamination;
- non-aqueous phase liquids; and
- soils which exceed the protection of groundwater soil cleanup objectives (PGWSCOs), as defined by 6 NYCRR Part 375-6.8 for those contaminants found in site groundwater above standards.

It is anticipated that soil will be excavated to a depth of 15 to 17 feet below grade. Approximately 3,600 tons of contaminated soil will be removed from the site. Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) will be brought in to establish the designed grades at the site.

3. Groundwater Treatment

A dual phase extraction system (DPES) was designed and previously installed under the Voluntary Cleanup Program. The extraction system currently covers the area beneath the footprint of the on-site building and the adjacent parking lot. Prior to installing the hydraulic barrier and implementing the excavation discussed in remedy bullet 2, above, the on-site components of the DPES will be removed. The DPES components will be relocated and will continue to operate to address the off-site groundwater contamination.

Due to the planned excavation depth and the typical groundwater elevations at the site, dewatering will be required to facilitate the excavation work. Contaminated groundwater from dewatering operations will be treated as necessary prior to discharge to the municipal sewer system. It is expected that the dewatering will improve groundwater quality beneath the site.

Following completion of the excavation, in-situ chemical oxidation (ISCO) will be implemented to achieve a bulk reduction of VOCs in groundwater. A chemical oxidant will be injected into the subsurface to destroy the contaminants via injection wells. The method and depth of injection will be determined during the remedial design.

4. Vapor Intrusion Assessment

A post-remedial soil vapor intrusion evaluation will be completed prior to occupying any

buildings developed on the site. The assessment will include a provision for implementing actions recommended to address exposures related to soil vapor intrusion.

The intent of the above remedial elements is to achieve Track 1 unrestricted use; therefore, no environmental easement or site management plan is anticipated. No groundwater use restriction is needed because the area is served by public water and Article 141 of the NYCDOH code prohibits potable use of groundwater without prior approval.

Contingent Remedial Elements:
In the event that a Track 1 cleanup is not achieved, including achievement of the groundwater and soil vapor remedial action objectives, imposition of an institutional control in the form of an environmental easement and a Site Management Plan, as described below, will be required and the site will achieve a Track 2 residential cleanup.

5. Institutional Control
Imposition of an institutional control in the form of an environmental easement will be required for the controlled property that:
- requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allows the use and development of the controlled property for restricted residential, commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOH; and
- requires compliance with the Department approved Site Management Plan.

6. Site Management Plan
A Site Management Plan is required, which includes the following:
a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
- Institutional Controls: The Environmental Easement discussed in remedy bullet 5.
- Engineering Controls: the in-situ chemical oxidation discussed in remedy bullet 3.

This plan includes, but may not be limited to:
o an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination
o descriptions of the provisions of the environmental easement including any land use, and groundwater use restrictions;
o a provision for evaluation of the potential for soil vapor intrusion for any buildings developed on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
o provisions for the management and inspection of the identified engineering controls;
o maintaining site access controls and Department notification; and
o the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

o a schedule of monitoring and frequency of submittals to the Department; and monitoring for vapor intrusion for any buildings developed on the site, as may be required by the Institutional and Engineering Control Plan.

c. an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, optimization, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:

o procedures for operating and maintaining the remedy;

o compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting;

o maintaining site access controls and Department notification; and

o providing the Department access to the site and O&M records.

Declaration

The remedy conforms with promulgated standards and criteria that are directly applicable, or that are relevant and appropriate and takes into consideration Department guidance, as appropriate. The remedy is protective of public health and the environment.

October 28, 2016



Date

Robert Cozzy, Director
Remedial Bureau B

DECISION DOCUMENT

Fyn Paint and Lacquer Co., Inc.
Brooklyn, Kings County
Site No. C224154
October 2016

SECTION 1: SUMMARY AND PURPOSE

The New York State Department of Environmental Conservation (the Department), in consultation with the New York State Department of Health (NYSDOH), has selected a remedy for the above referenced site. The disposal of contaminants at the site has resulted in threats to public health and the environment that would be addressed by the remedy. The disposal or release of contaminants at this site, as more fully described in this document, has contaminated various environmental media. Contaminants include hazardous waste and/or petroleum.

The New York State Brownfield Cleanup Program (BCP) is a voluntary program. The goal of the BCP is to enhance private-sector cleanups of brownfields and to reduce development pressure on "greenfields." A brownfield site is real property, the redevelopment or reuse of which may be complicated by the presence or potential presence of a contaminant.

The Department has issued this document in accordance with the requirements of New York State Environmental Conservation Law and 6 NYCRR Part 375. This document is a summary of the information that can be found in the site-related reports and documents.

SECTION 2: CITIZEN PARTICIPATION

The Department seeks input from the community on all remedies. A public comment period was held, during which the public was encouraged to submit comment on the proposed remedy. All comments on the remedy received during the comment period were considered by the Department in selecting a remedy for the site. Site-related reports and documents were made available for review by the public at the following document repositories:

Brooklyn Public Library - Leonard Branch
81 Devoe Street at Leonard St.
Brooklyn, NY 11211
Phone: 718-486-6006

Brooklyn Public Library - Greenpoint Branch
107 Norman Avenue at Leonard St.
Brooklyn, NY 11222
Phone: 718-349-8504

Brooklyn Community Board No. 1
435 Graham Avenue
Brooklyn, NY 11211
Phone: 718 389 0000

Receive Site Citizen Participation Information By Email

Please note that the Department's Division of Environmental Remediation (DER) is "going paperless" relative to citizen participation information. The ultimate goal is to distribute citizen participation information about contaminated sites electronically by way of county email listservs. Information will be distributed for all sites that are being investigated and cleaned up in a particular county under the State Superfund Program, Environmental Restoration Program, Brownfield Cleanup Program, Voluntary Cleanup Program, and Resource Conservation and Recovery Act Program. We encourage the public to sign up for one or more county listservs at http://www.dec.ny.gov/chemical/61092.html

SECTION 3: SITE DESCRIPTION AND HISTORY

Location: The Fyn Paint and Lacquer Co., Inc. site is located in an urban area at 230 Kent Avenue in Brooklyn, Kings County. The site is situated on the block bounded by Kent Avenue to the east, Metropolitan Avenue to the north, North First Street to the south and River Street to the west. Alternate addresses for the property are: 230-232 Kent Avenue; 76-80 River Street; and 29-37 North First Street.

Site Features: The site consists of a 0.135-acre lot improved with an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contains the heating oil tank, furnace and controls for the sprinkler system.

Current Zoning and Land Use: The site land use is currently recorded as Industrial and Manufacturing. Zoning for the property is M3-1, which is designated for areas with heavy industries that generate noise, traffic or pollutants. The on-site building is currently vacant.

Past Use of the Site: Past land uses associated with the site include a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State's Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012.

Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs).

Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site

boundary.

A site location map is attached as Figure 1.

SECTION 4: LAND USE AND PHYSICAL SETTING

The Department may consider the current, intended, and reasonably anticipated future land use of the site and its surroundings when evaluating a remedy for soil remediation. For this site, an alternative which allows for unrestricted use of the site was evaluated.

A comparison of the results of the Remedial Investigation (RI) against unrestricted use standards, criteria and guidance values (SCGs) for the site contaminants is available in the RI Report.

SECTION 5: ENFORCEMENT STATUS

The Applicant(s) under the Brownfield Cleanup Agreement is a/are Volunteer(s). The Volunteer(s) does/do not have an obligation to address off-site contamination. The Department has determined that this site poses a significant threat to human health and the environment and there are off-site impacts that require remedial activities; accordingly, enforcement actions are necessary.

The Department will seek to identify any parties (other than the Volunteer(s)) known or suspected to be responsible for contamination at or emanating from the site, referred to as Potentially Responsible Parties (PRPs). The Department will bring an enforcement action against the PRPs. If an enforcement action cannot be brought, or does not result in the initiation of a remedial program by any PRPs, the Department will evaluate the off-site contamination for action under the State Superfund. The PRPs are subject to legal actions by the State for recovery of all response costs the State incurs or has incurred.

SECTION 6: SITE CONTAMINATION

6.1: Summary of the Remedial Investigation

A remedial investigation (RI) serves as the mechanism for collecting data to:

- characterize site conditions;
- determine the nature of the contamination; and
- assess risk to human health and the environment.

The RI is intended to identify the nature (or type) of contamination which may be present at a site and the extent of that contamination in the environment on the site, or leaving the site. The RI reports on data gathered to determine if the soil, groundwater, soil vapor, indoor air, surface water or sediments may have been contaminated. Monitoring wells are installed to assess groundwater and soil borings or test pits are installed to sample soil and/or waste(s) identified. If other natural resources are present, such as surface water bodies or wetlands, the water and sediment may be sampled as well. Based on the presence of contaminants in soil and

groundwater, soil vapor will also be sampled for the presence of contamination. Data collected in the RI influence the development of remedial alternatives. The RI report is available for review in the site document repository and the results are summarized in section 6.3.

The analytical data collected on this site includes data for:

- groundwater
- soil
- sub-slab vapor

6.1.1: Standards, Criteria, and Guidance (SCGs)

The remedy must conform to promulgated standards and criteria that are directly applicable or that are relevant and appropriate. The selection of a remedy must also take into consideration guidance, as appropriate. Standards, Criteria and Guidance are hereafter called SCGs.

To determine whether the contaminants identified in various media are present at levels of concern, the data from the RI were compared to media-specific SCGs. The Department has developed SCGs for groundwater, surface water, sediments, and soil. The NYSDOH has developed SCGs for drinking water and soil vapor intrusion. For a full listing of all SCGs see: http://www.dec.ny.gov/regulations/61794.html

6.1.2: RI Results

The data have identified contaminants of concern. A "contaminant of concern" is a contaminant that is sufficiently present in frequency and concentration in the environment to require evaluation for remedial action. Not all contaminants identified on the property are contaminants of concern. The nature and extent of contamination and environmental media requiring action are summarized below. Additionally, the RI Report contains a full discussion of the data. The contaminant(s) of concern identified at this site is/are:

benzene	toluene
ethylbenzene	acetone
xylene (mixed)	

The contaminant(s) of concern exceed the applicable SCGs for:

- air
- groundwater
- soil

6.2: Interim Remedial Measures

An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before issuance of the Decision Document.

There were no IRMs performed at this site during the RI.

6.3: Summary of Environmental Assessment

This section summarizes the assessment of existing and potential future environmental impacts presented by the site. Environmental impacts may include existing and potential future exposure pathways to fish and wildlife receptors, wetlands, groundwater resources, and surface water. The RI report presents a detailed discussion of any existing and potential impacts from the site to fish and wildlife receptors.

Nature and Extent of Contamination:

A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in the soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed-in-place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer.

Soil:
VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm.

Groundwater:
During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved-phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb.

Sub-slab vapor:
Sub-slab vapor samples were collected beneath the on-site building's basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub-slab vapor extend to the property boundaries and likely extend off-site.

6.4: Summary of Human Exposure Pathways

This human exposure assessment identifies ways in which people may be exposed to site-related contaminants. Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure.*

People may contact contaminated soils or groundwater if they dig below the surface. People are not drinking contaminated groundwater associated with the site because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion on-site. Further evaluation is needed to determine whether soil vapor intrusion is a concern for off-site structures.

6.5: Summary of the Remediation Objectives

The objectives for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375. The goal for the remedial program is to restore the site to pre-disposal conditions to the extent feasible. At a minimum, the remedy shall eliminate or mitigate all significant threats to public health and the environment presented by the contamination identified at the site through the proper application of scientific and engineering principles.

The remedial action objectives for this site are:

Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of volatiles, from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Remove the source of ground or surface water contamination.

Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

SECTION 7: ELEMENTS OF THE SELECTED REMEDY

The alternatives developed for the site and the evaluation of the remedial criteria are presented in the Alternative Analysis. The remedy is selected pursuant to the remedy selection criteria set forth in DER-10, Technical Guidance for Site Investigation and Remediation and 6 NYCRR Part 375.

The selected remedy is a Track 1: Unrestricted use remedy.

The selected remedy is referred to as the excavation and groundwater treatment remedy.

The elements of the selected remedy, as shown in Figure 2, are as follows:

1. Remedial Design

A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

2. Excavation

The existing on-site building will be demolished to facilitate the proposed remedy. Following completion of the building demolition, a sheeting system consisting of a waterproof hydraulic barrier will be installed at the perimeter of the site. The waterproof hydraulic barrier will consist of a series of interlocked steel sheets with a sealable cavity within each interlock. After installation, the interlock is flushed and a low permeability grout is injected into the entire length of the interlock. The hydraulic barrier will be installed to a sufficient depth to provide structural support which will facilitate the soil excavation within the property boundaries. Due to these requirements, the sheeting system will be installed to an approximate depth of 25-30 feet below grade.

After the waterproof hydraulic barrier is installed all on-site soils which exceed unrestricted soil cleanup objectives (SCOs), as defined by 6 NYCRR Part 375-6.8, will be excavated and transported off-site for disposal. This will include excavation and off-site disposal of contaminant source areas, including:

- grossly contaminated soil, as defined in 6 NYCRR Part 375-1.2(u);
- removal of any underground storage tanks (USTs), fuel dispensers, underground piping or other structures associated with a source of contamination;
- non-aqueous phase liquids; and
- soils which exceed the protection of groundwater soil cleanup objectives (PGWSCOs), as defined by 6 NYCRR Part 375-6.8 for those contaminants found in site groundwater above standards.

It is anticipated that soil will be excavated to a depth of 15 to 17 feet below grade. Approximately 3,600 tons of contaminated soil will be removed from the site. Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) will be brought in to establish the designed grades at the site.

3. Groundwater Treatment

A dual phase extraction system (DPES) was designed and previously installed under the Voluntary Cleanup Program. The extraction system currently covers the area beneath the footprint of the on-site building and the adjacent parking lot. Prior to installing the hydraulic barrier and implementing the excavation discussed in remedy bullet 2, above, the on-site components of the DPES will be removed. The DPES components will be relocated and will continue to operate to address the off-site groundwater contamination.

Due to the planned excavation depth and the typical groundwater elevations at the site, dewatering will be required to facilitate the excavation work. Contaminated groundwater from dewatering operations will be treated as necessary prior to discharge to the municipal sewer system. It is expected that the dewatering will improve groundwater quality beneath the site.

Following completion of the excavation, in-situ chemical oxidation (ISCO) will be implemented to achieve a bulk reduction of VOCs in groundwater. A chemical oxidant will be injected into the subsurface to destroy the contaminants via injection wells. The method and depth of injection will be determined during the remedial design.

4. Vapor Intrusion Assessment

A post-remedial soil vapor intrusion evaluation will be completed prior to occupying any buildings developed on the site. The assessment will include a provision for implementing actions recommended to address exposures related to soil vapor intrusion.

The intent of the above remedial elements is to achieve Track 1 unrestricted use; therefore, no environmental easement or site management plan is anticipated. No groundwater use restriction is needed because the area is served by public water and Article 141 of the NYCDOH code prohibits potable use of groundwater without prior approval.

Contingent Remedial Elements:

In the event that a Track 1 cleanup is not achieved, including achievement of the groundwater and soil vapor remedial action objectives, imposition of an institutional control in the form of an environmental easement and a Site Management Plan, as described below, will be required and the site will achieve a Track 2 residential cleanup.

5. Institutional Control

Imposition of an institutional control in the form of an environmental easement will be required for the controlled property that:

- requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allows the use and development of the controlled property for restricted residential, commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOH; and
- requires compliance with the Department approved Site Management Plan.

6. Site Management Plan

A Site Management Plan is required, which includes the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

- Institutional Controls: The Environmental Easement discussed in remedy bullet 5.
- Engineering Controls: the in-situ chemical oxidation discussed in remedy bullet 3.

This plan includes, but may not be limited to:

o an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination

o descriptions of the provisions of the environmental easement including any land use, and groundwater use restrictions;

o a provision for evaluation of the potential for soil vapor intrusion for any buildings developed on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;

o provisions for the management and inspection of the identified engineering controls;

o maintaining site access controls and Department notification; and

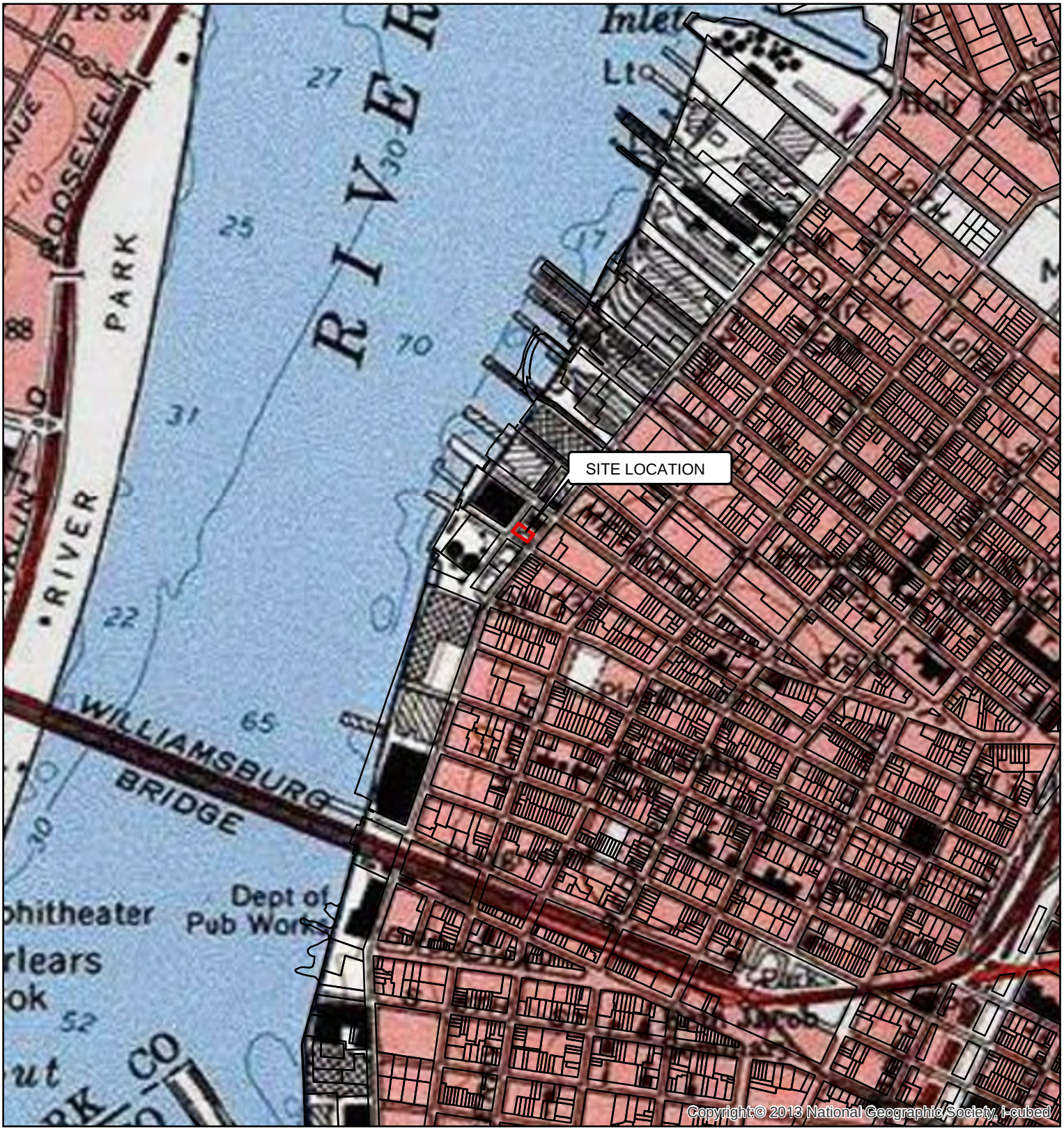
o the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

o a schedule of monitoring and frequency of submittals to the Department; and monitoring for vapor intrusion for any buildings developed on the site, as may be required by the Institutional and Engineering Control Plan.

c. an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, optimization, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:

- procedures for operating and maintaining the remedy;
- compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting;
- maintaining site access controls and Department notification; and
- providing the Department access to the site and O&M records.



LEGEND

SITE PROPERTY BOUNDARY

PARCEL BOUNDARY

N

W E

S

0 1,000

SCALE IN FEET

SOURCE:
NYC Department of City Planning, MapPLUTO 14V1, June 6, 2014
ArcGISonline, National Geographic Society, i-cubed, 2013

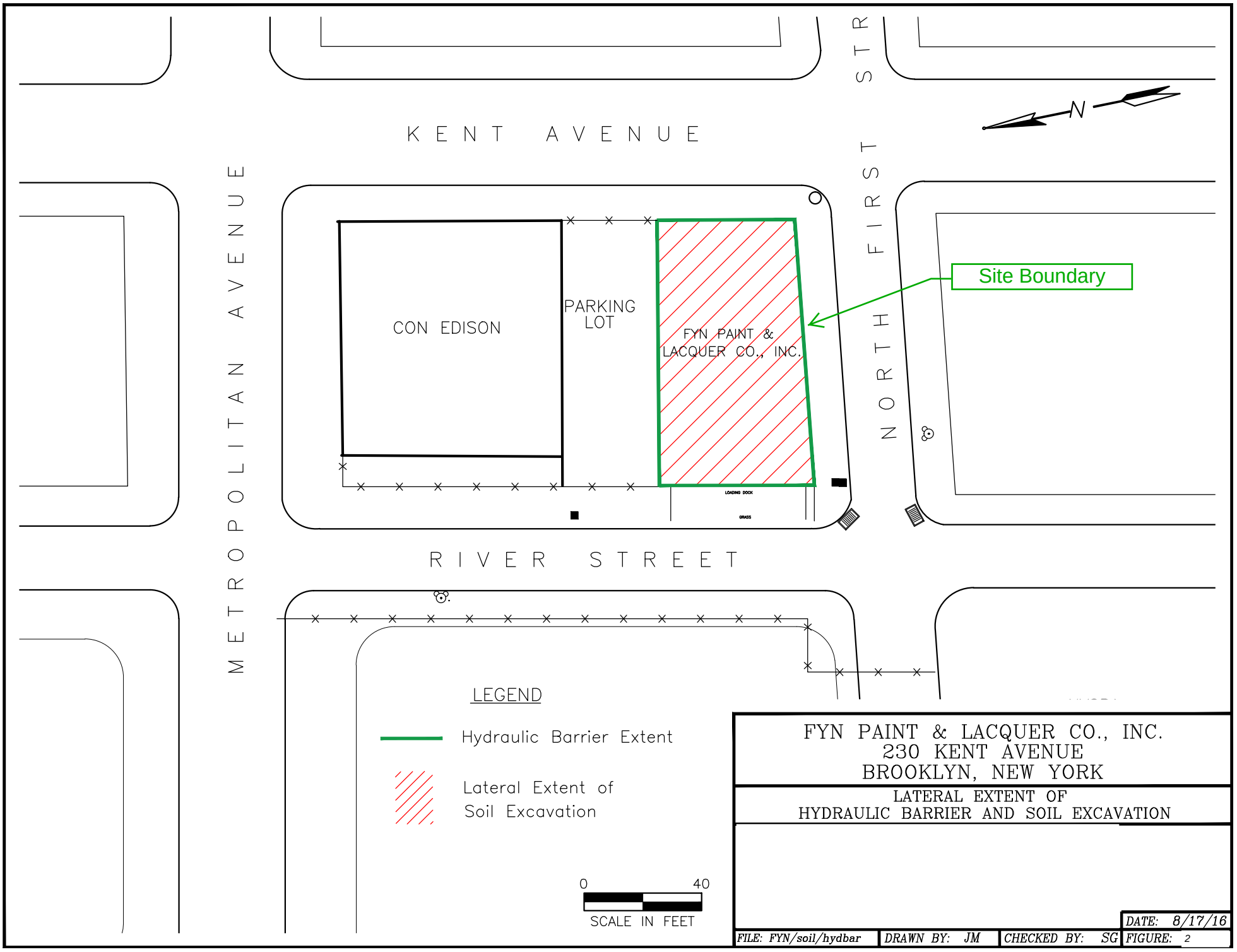
FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

SITE LOCATION MAP

DATE	REVISED

DRAWN: SG	CHECKED: SG	DATE: 08/17/16	FIGURE: 1

C:\GIS_Projects\Fyn_Paint\Maps\Figure 1 (Property Location Map).mxd



FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

LATERAL EXTENT OF
HYDRAULIC BARRIER AND SOIL EXCAVATION

FILE: FYN/soil/hydbar	DRAWN BY: JM	CHECKED BY: SG	DATE: 8/17/16
			FIGURE: 2

Detail Incident Report

Construction

Incident ID: 258864 / 1 **Closed Ready to Submit for NYSDEC Approval**

Sewer / Water Affected :	N	Permit Incident :	N	Fire / Smoke Involved :	N	Precipitation :	N	On - going Leak :	N	Private Property Affected :	N	Injured Person :	N

Incident Type :	Spill - Oil Reportable
Title :	Excavation - 8 Oz - #6 Oil Spill to Bluestone When Uncovering the Pipe for Disposal
Discovered :	7/18/2017 1:40 PM
First Reported :	7/18/2017 1:45 PM
Cleanup Completed / Stopped :	7/18/2017 1:50 PM
Site :	Brooklyn Electric Distribution System
Facility :	Construction
Street : 87 River St,	City : Brooklyn County : KINGS State : NY Zip: 11249
Location Description :	87 River St, Brooklyn, NY 11249
Administration Business Unit :	Construction
Initial Observation :	Reggie A Best (12654) Construction Inspector from Section 234 - CONST Remediation & Demo reported at Excavation - 8 Oz - #6 Oil Spill to Bluestone and soil/grass, when uncovering the pipe for disposal. Permit # 0000069902.
Access / Parking Obstruction :	N
Comment :	
Source :	CE Equipment

Cause

Cause	Reason	Cause Description
Equipment Malfunction	Aged equipment	

Substance

Substance	Released	Contained	Total	Sampled On	Media Name
Fuel Oil (#6)	0.06 Gallons		0.06 Gallons	7/18/2017 4:36 PM	Bluestone

Notification

Regulatory Body / DL	Regulatory Body Event ID	Made By	To	Substances	Notification Date	Comment	Status
NYS Department of Environmental Conservation	1703788	Felix Cancel	Operator Hernandez		7/18/2017 1:55 PM		Notified

Detail Incident Report

Construction

Incident ID: 258864 / 1 **Closed Ready to Submit for NYSDEC Approval**

People

Last Name	First Name	Phone	Email	Agency	Agency Employee ID	Role	Activity
Best	Reggie	718/204-4419	BestRE@coned.com			Finder First Reported By	
Delgado	Antonio	212/580-8383	DelgadoT@coned.com			Incident Creator	
Hernandez	Operator	Phone		NYS Department of Environmental Conservation	Operator Hernandez	Regulatory Agency Contact	
Jordan-Hall	Ryan	212/580-8383	JORDAN-HALLR@coned.com				

Business Unit

Responsibility	Business Unit	Comments
Administration	Construction	
Cause	Construction	
Clean up	Construction	

Resolution

Timestamp	Description	Entered By
7/18/2017 4:40 PM	Cleanup was completed by removing pipe and all impacted soil and bluestone@ 1350 7/18/2017, contractor will dispose of debris.	Cancel, Felix

Detail Incident Report

Construction

Incident ID: 258864 / 1 **Closed Ready to Submit for NYSDEC Approval**

Change History

Timestamp	Section	Field	Data	Comment	Changed By
7/18/2017 4:41 PM	Incident	Stop Date	Jul 18 2017 1:50PM		Cancel, Felix
7/18/2017 4:40 PM	Comment	Comment	Corrective Action	Impacted soil, bluestone, pipe removed, contactor to dispose.	Cancel, Felix
7/18/2017 4:40 PM	Incident Status	Status	Closed	Cleanup was completed by removing all impacted soil and bluestone@ 1350 7/18/2017, contractor will dispose of debris.	Cancel, Felix
7/18/2017 4:40 PM	Incident Status Reason	Status Reason	Ready to Submit for NYSDEC Approval	Cleanup was completed by removing all impacted soil and bluestone@ 1350 7/18/2017, contractor will dispose of debris.	Cancel, Felix
7/18/2017 4:35 PM	Incident Cause	Cause	Equipment Malfunction		Cancel, Felix
7/18/2017 4:35 PM	Incident Cause Reason	Cause Reason	Aged equipment		Cancel, Felix
7/18/2017 4:26 PM	Incident	Discovered	Jul 18 2017 1:40PM		Cancel, Felix
7/18/2017 4:26 PM	Incident	First Reported	Jul 18 2017 1:45PM		Cancel, Felix
7/18/2017 4:26 PM	Incident	Reported to CIG	Jul 18 2017 1:45PM		Cancel, Felix
7/18/2017 4:26 PM	Incident	Type	Spill - Oil Reportable		Cancel, Felix
7/18/2017 1:52 PM	Incident	Discovered	Jul 18 2017 1:52PM		Delgado, Antonio
7/18/2017 1:52 PM	Incident	First Reported	Jul 18 2017 1:52PM		Delgado, Antonio
7/18/2017 1:52 PM	Incident	Reported to CIG			Delgado, Antonio
7/18/2017 1:52 PM	Incident	Stop Date			Delgado, Antonio

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Office of the General Counsel
625 Broadway, 14th Floor, Albany, New York 12233-1500
P: (518) 402-9185 | F: (518) 402-9018
www.dec.ny.gov

September 19, 2017

SENT VIA FIRST CLASS MAIL AND BY ELECTRONIC MAIL

Mr. Leonard S. Elman
The Estate of William Feinstein
59 East 79th Street
New York, NY 10021

RE: Order on Consent and Administrative Settlement
Index No.: CO 2-20170104-73
Site Name: Fyn Paint and Lacquer Co., Inc.
Off-Site No.: C224154A
Site No.: C224154

Dear Mr. Elman:

Attached for your files is a copy of the fully executed Order on Consent and Administrative Settlement referencing the site located at 230 Kent Avenue, Brooklyn, Kings County and Fyn Paint and Lacquer Co., Inc., Kent River Corporation and Kent Riverview, LLC.

If you have any further questions or concerns relating to this matter, please contact Ms. Rosalie Rusinko at 914-428-2505 x 315.

Sincerely,

Maria Mastroianni
Remediation Bureau
Office of General Counsel

ec: Rosalie Rusinko, Esq., NYSDEC

David Yudelson, Esq., Sive Paget & Riesel, PC
dyudelson@sprlaw.com

Jeffery Herz, Esq., Cullen and Dkykman, LLP
jherz@cullenanddykman.com

Charles S. Warren, Esq., Kramer Levin...LLP
Cwarren@kramerlevin.com

Sean Groszkowski, Esq., Legette Brashears & Graham, Inc.
groszkowski@lbgny.com

NEW YORK STATE DEPARTMENT OF ENVIRONMEN CONSERVATION
STATE SUPERFUND PROGRAM/BROWNFIELD CLEANUP PROGRAM
ECL §27-1301 *et seq.* and ECL §27-1401 *et seq.*

In the Matter of Recovery of State Costs pursuant to 6 NYCRR 375-3.11(c) and pursuant to 6 NYCRR 375-2.11(c)(1)(i)(*d*)

ORDER ON CONSENT AND ADMINISTRATIVE SETTLEMENT
Index No. CO 2-20170104-73

DEC Site Name: Fyn Paint and Lacquer Co., Inc. - Off-Site
DEC Site No.: C224154A
Herein referred to as "Site A", and associated with

DEC Site Name: Fyn Paint and Lacquer Co., Inc.
BCP Site No.: C224154
Located at: 230 Kent Avenue
Brooklyn, NY 11249
Kings County
Herein referred to as "BCP Site"

by: **Fyn Paint and Lacquer Co., Inc.,**
Kent River Corporation, and
Kent Riverview, LLC
Hereinafter collectively referred to as "Respondents"

---

1. A. The New York State Department of Environmental Conservation ("Department") is responsible for inactive hazardous waste disposal site remedial programs pursuant to Article 27, Title 13 of the Environmental Conservation Law ("ECL") and Part 375 of Title 6 of the Official Compilation of Codes, Rules and Regulations ("6 NYCRR") and may issue orders and enter into settlements consistent with the authority granted to the Commissioner by such statute.

B. The Department is responsible for brownfield cleanup remedial programs pursuant to Article 27, Title 14 of the ECL and Part 375 of Title 6 NYCRR.

C. The Department is responsible for carrying out the policy of the State of New York to conserve, improve and protect its natural resources and environment and control water, land, and air pollution consistent with the authority granted to the Department and the Commissioner by Article 1, Title 3 of the ECL.

D. This Order is issued pursuant to the Department's authority under, *inter alia*, ECL Article 27, Title 13, ECL Article 27, Title 14, and ECL 3-0301, and resolves Fyn Paint and Lacquer Co., Inc.'s and Kent River Corporation's liability to the State as provided at 6 NYCRR 375-1.5(b)(5).

2. In accordance with ECL §27-1411(5), the Department is required to "bring an enforcement action against any parties known or suspected to be responsible for contamination at or emanating from" a site in the BCP that has been determined to present a significant threat to public health or the environment.

3. 6 NYCRR 375-3.11(c)(1) authorizes the Department to expend moneys, in accordance with ECL 27-1411(5), from the hazardous waste remedial fund established pursuant to State Finance Law ("SFL") section 97-b and/or the New York environmental protection and spill compensation fund established pursuant to Navigation Law section 179, as appropriate, to pay, in whole or in part, the State costs incurred in the development and implementation of a remedial program for off-site contamination at a brownfield site where: (i) the applicant is a volunteer; and (ii) the site presents a significant threat. 6 NYCRR 375-3.11(c)(2) authorizes the Department to recover all State costs incurred pursuant to 6 NYCRR 375-3.11(c)(1) from any person responsible according to applicable principles of statutory or common law liability other than the volunteer.

4. 6 NYCRR 375-2.11(c)(1)(i)(*d*) authorizes the Department to expend moneys from the hazardous waste remedial fund established pursuant to SFL section 97-b to pay, in whole or in part, the State costs incurred in the development and implementation of a remedial program when the Department has made "all reasonable efforts to secure agreement" from responsible parties, has conducted diligent negotiations with those parties, and they have demonstrated inability/limited ability to pay pursuant to 6 NYCRR 375-2.11(c)(1)(i)(*d*)(5).

5. The Fyn Paint and Lacquer Co., Inc. real property located at 230 Kent Avenue, Brooklyn, NY 11249, Kings County (the "Fyn Paint Property") is in the Brownfield Cleanup Program ("BCP") and is designated as BCP Site No. C224154 ("the "BCP Site"). The Fyn Paint Property is not currently listed in the *Registry of Inactive Hazardous Waste Disposal Sites in New York State*, however, the Department has determined it presents a siginificent threat.

6. Site A is all of the off-site contamination related to disposal on the BCP Site. Site A is designated as DEC Site No. C224154A. Exhibit "A" is a map of Site A showing its approximate location.

7. For the purpose of this Order, the term "Existing Contamination" is defined as hazardous waste and hazardous substances (i) existing on the Fyn Paint Property as of the effective date of this Order, and (ii) such hazardous waste and hazardous substances which have emanated, are emanating from or may emanate in the future from the Fyn Paint Property. The *Remedial Investigation Report*, prepared for Fyn Paint & Lacquer Co., Inc. by Leggette, Brashears & Graham, Inc., dated January 2008, revised October 2008 identified volatile organic compounds ("VOCs") contamination in

the soil, soil vapor, and groundwater on and emanating from the Fyn Paint Property. The main VOCs are acetone, ethylbenzene, toluene, and mixed xylenes.

8. A. The Fyn Paint and Lacquer Co., Inc. ("Fyn Paint"), a domestic corporation, operated on the Fyn Paint Property from circa January 1959 until fall 2008 when it ceased operations.

B. Fyn Paint maintains that it has no assets. Fyn Paint is a closely held corporation with percentage of ownership of shares now being (i) The Estate of William Feinstein ("The Estate") and (ii) Gloria Roberts 36%. Ms. Roberts is Mr. Feinstein's sister.

C. Fyn Paint entered into a Voluntary Cleanup Agreement ("VCA") for the Fyn Paint Property effective April 1, 2001. Pursuant to the VCA, Fyn Paint completed installation of a Dual Phase Extraction System ("DPES") remedial system on the Fyn Paint Property in 2014. The VCA was terminated effective November 9, 2014 due to Fyn Paint's failure to fulfill its obligations under the VCA which upon information and belief resulted from the depletion of remedial funds from a court-ordered settlement as well as the depletion of the estate of William Feinstein.

9. A. Kent River Corporation ("Kent River"), a domestic corporation, has owned the real property which comprises the Fyn Paint Property/BCP Site No. C224154 since January 1959.

B. Kent River is a closely held single asset real estate holding corporation, *i.e.* the Fyn Paint Property is its only asset, with percentage of ownership of shares now being The Estate 50% and Gloria Roberts 50%.

C. Kent River entered into a contract with Mier Schweid which will result in the sale of the Fyn Paint Property to Kent Riverview, LLC.

D. Kent River is selling its sole asset and maintains that it has no other assets or sources of income.

10. Kent Riverview, LLC ("Riverview"), a domestic limited liability company which will take title to for the Fyn Paint Property, is a Volunteer under the Brownfield Cleanup Agreement for the Fyn Paint Property. Riverview entered into a Brownfield Cleanup Agreement for the BCP Site effective date March 5, 2015 (the "BCA"). Nothing contained in this Order on Consent and Administrative Settlement is intended to modify or amend the BCA and Riverview's obligations thereunder, or release Riverview with respect to any contamination on the BCP Site.

11. The goal of this Order on Consent and Administrative Settlement, in light of Kent River's and Fyn Paint's inability to pay, is to obtain fair, reasonable and equitable contributions by Kent River and Fyn Paint to response costs incurred and to be incurred by the State in the development and implementation of a remedial program for off-site

contamination at a brownfield site and for the Fyn Paint Property should Riverview fail to complete its obligations under the BCA, and to achieve the orderly relocation and transfer of ownership of the DPES equipment.

12. Respondents consent to the issuance of this Order without (i) an admission or finding of liability, fault, wrongdoing, or violation of any law, regulation, permit, order, requirement, or standard of care of any kind whatsoever; (ii) an acknowledgment that there has been a release or threatened release of hazardous waste at or from the Site; and/or (iii) an acknowledgment that a release or threatened release of hazardous waste at or from the Site constitutes a significant threat to the public health or environment.

13. Solely with regard to the matters set forth below, Respondents hereby waive any right to a hearing as may be provided by law, consent to the issuance and entry of this Order, and agree to be bound by its terms. Respondents consent to and agree not to contest the authority or jurisdiction of the Department to issue or enforce this Order, and agree not to contest the validity of this Order or its terms.

NOW, having considered this matter and being duly advised, **IT IS ORDERED THAT**:

I. Real Property

A. The BCP Site is the property located at 230 Kent Avenue, Brooklyn, New York and denoted as Tax Map ID No: Section 8, Block 2362, Lot 1. Site "A" which is subject to this Order pursuant to ECL Section 27-1411(5) is all of the off-site areas associated with the BCP Site. Site A, includes, but is not limited to, the parking lot area located at 218 Kent Avenue (Section 8, Block 2362, Lot 3) and the western portion of the former North First Street Terminal Major Oil Storage Facility – Parcel II.

B. The remedial program for the BCP Site will be implemented pursuant to the BCA. Riverview understands and acknowledges that should it or an affiliate acquire ownership of the Fyn Paint Property and Riverview fails to remediate the BCP Site under the BCP, the Fyn Paint Property will be listed in the Registry *of Inactive Hazardous Waste Disposal Sites in New York State* and it or its affiliate will have liability as an owner.

II. Respondents Obligations

A. Contemporaneously with the closing of title of the Fyn Paint Property as agreed between Kent River and Riverview, Respondents shall deliver or cause to be delivered to the Department a certified check in the amount of $750,000.00 SEVEN HUNDRED FIFTY THOUSAND U.S. DOLLARS payable to New York State Department of Environmental Conservation.

B. Contemporaneously with the closing of title of the Fyn Paint Property, Kent River and/or Fyn Paint shall, as evidenced by a bill of sale, transfer to Riverview

ownership of the equipment comprising the existing DPES remedial system[1] to be held by Riverview for the benefit of the Department subject to Subparagraphs II. C and D.

C. Within 10 days of the effective date of this Order on Consent and Administrative Settlement, Riverview shall submit to the Department a Work Plan for the relocation of the DPES (the "DPES Relocation Work Plan"). All relocation activities conducted pursuant to the DPES Relocation Work Plan are solely at Riverview's expense. Riverview shall continue to operate and maintain the DPES until such time as the Department accepts ownership.

D. After the relocation of the DPES remedial system to the adjoining Con Ed Parking Lot[2] and after the completion of the BCP Site remedy, when the Department is satisfied with the relocation and operational status of the DPES, including but not limited to, carbon change out and electrical connection, Riverview shall convey ownership of the DPES equipment to the Department. Such conveyance is subject to Paragraph III.

III. Department Obligation

After ownership of the DPES is accepted by the Department, the Department will operate and maintain the DPES as a remedial system for Site A. Nothing contained herein is intended to control or otherwise limit the Department's decision with respect to the selection of a final remedy for Site A. Further, nothing contained herein is intended to change, amend, or modify the Agreement regarding 218 Kent Avenue, Brooklyn between the Department and Consolidated Edison Company of New York, Inc., signed by the Department on August 6, 2015.

IV. Release and Covenant Not to Sue

Upon the completion of Respondents' Obligations set forth in Subparagraph II. A and B. above the Department, hereby releases and covenants not to sue, and shall forbear from bringing any action, proceeding, or suit pursuant to the Environmental Conservation Law, or the State Finance Law, and from referring to the Attorney General any claim for recovery of costs incurred by the Department, against Kent River and Fyn Paint and their respective shareholders, officers, directors, employees and secured creditors, and their respective successors and assigns (except for future owners or operators of the BCP Site) for the further investigation and remediation of Site A and the BCP Site, including, but not limited to, an action pursuant to Section 9607(a) of

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1 The DPES remedial system consists of the following major components: The Dual-Phase Extraction recovery system (including extraction wells and associated pumps, pipes and filters); a groundwater recovery system (including extraction wells and associated pumps, pipes and filters); an oil-water separator and LNAPL storage tank; a sub-slab depressurization system; an Air Sparge injection system; associated groundwater and vapor treatment equipment; and an equipment trailer housing currently active remedial equipment, control panels, air sparge equipment and electrical equipment.

2 The Department has a separate agreement with Consolidated Edison Company of New York, Inc. regarding relocation of the DPES and access to the Con Ed Parking Lot.

CERCLA, 42 U.S.C. § 9607(a), based upon the release or threatened release of Existing Contamination. Nonetheless, the Department hereby reserves all of its rights concerning, and such release and covenant not to sue shall not extend to Natural Resources Damage or to any further investigation or remedial action the Department deems necessary:

- due to off-Site migration of petroleum; or
- due to fraud committed by Kent River and/or Fyn Paint in entering into or implementing the Order.

Notwithstanding the above, however, with respect to any claim or cause of action asserted by the Department, the one seeking the benefit of this release and covenant not to sue shall bear the burden of proving that the claim or cause of action, or any part thereof, is attributable solely to the Existing Contamination.

Notwithstanding any other provision in this release, covenant not to sue, and forbearance,

- if with respect to the Site there exists, or may exist, a claim of any kind or nature on the part of the New York State Environmental Protection and Spill Compensation Fund against any party, nothing in this order shall be construed or deemed to preclude the State of New York from recovering such claim.
- nothing contained in this Order shall be construed to prohibit the Commissioner or his duly authorized representative from exercising any summary abatement powers.

This release and covenant not to sue shall be null and void, *ab initio,* in the event of fraud relating to the execution or implementation of this Order by Kent River and/or Fyn Paint; or in the event of Kent River's or Fyn Paint's failure to materially comply with any provision of this Order.

V. Communications

A. All written communications required by this Consent Order shall be transmitted by United States Postal Service, by private courier service, by hand delivery, or by electronic mail.

1. Communication from Respondents shall be sent to:

Jane H. O'Connell
Chief, Superfund and Brownfield Cleanup Section
Division of Environmental Remediation
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101
jane.oconnell@dec.ny.gov

and

Krista Anders (electronic copy only)
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
krista.anders@health.ny.gov

and

Rosalie K. Rusinko (electronic copy only)
Office of General Counsel
New York State Department of Environmental Conservation
100 Hillside Avenue, Suite 1W
White Plains, NY 10603
rosalie.rusinko@dec.ny.gov

2. Communication from the Department to Respondents shall be sent to:

For Kent River Corporation and Fyn Paint and Lacquer Co., Inc.

The Estate of William Feinstein

Leonard S. Elman, Executor
The Estate of William Feinstein
59 East 79th Street
New York, NY 10021

with copy to:

David Yudelson
Sive, Paget & Riesel P.C.
560 Lexington Avenue, 15th Floor
New York, NY 10022
dyudelson@sprlaw.com

Gloria Roberts

Jeffery Herz, Esq.
Cullen and Dykman LLP
100 Quentin Roosevelt Boulevard
Garden City, NY 11530
jherz@cullenanddykman.com

For Kent Riverview, LLC.

Charles S. Warren, Esq.
Kramer Levin
Naftalis & Frankel LLP
1177 Avenue of the Americas
New York, New York 10036
CWarren@KRAMERLEVIN.com

and

Sean Groszkowski
Legette, Brashears & Graham, Inc.
4 Westchester Park Drive, Suite 175
White Plains, NY 10604
Groszkowski@lbgny.com

B. The Department and each of the Respondents reserve the right to designate additional or different addressees for communication by delivering prior written notice to the the parties hereto. Additionally, the Department reserves the right to request that the Respondent Riverview provide more than one paper copy of any work plan or report.

C. Each party shall notify the other within ninety (90) days after any change in the addresses listed in this paragraph.

VI. Miscellaneous

A. Appendix A - "Standard Clauses for New York State Superfund Administrative Orders for Brownfield Site Offsite Cleanup" is attached to and hereby made a part of this Order as if set forth fully herein.

B. In the event of a conflict between the terms of this Order (including any and all attachments thereto and amendments thereof) and the terms of Appendix A, the terms of this Order shall control.

C. A Certificate of Completion will not be issued under this Order on Consent and Settlement Agreement.

D. The effective date of this Order is the 10th day after it is signed by the Commissioner or the Commissioner's designee.

DATED: SEPTEMBER 11, 2017

BASIL SEGGOS
COMMISSIONER
NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By: _____

Robert W. Schick, P.E., Director
Division of Environmental Remediation

CONSENT BY RESPONDENT

Respondent hereby consents to the issuing and entering of this Order, waives Respondent's right to a hearing herein as provided by law, and agrees to be bound by this Order.

Fyn Paint and Lacquer Co., Inc.

By: The Estate of William Feinstein, shareholder (64%)

By: _____
Leonard S. Elman

Title: Executor

Date: 8/15/17

and

By: _____
Gloria Roberts, shareholder (36%)

Date: _____

STATE OF NEW YORK)
) s.s.:
COUNTY OF)

On the 15th day of Aug, in the year 2017, before me, the undersigned, personally appeared Leonard S. Elman, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Signature and Office of individual taking acknowledgment

MAURICE A. CESSANT
Notary Public, State of New York
No. 01CE6225726
Qualified in Queens County
Commission Expires August 23, 2018

CONSENT BY RESPONDENT

Respondent hereby consents to the issuing and entering of this Order, waives Respondent's right to a hearing herein as provided by law, and agrees to be bound by this Order.

Fyn Paint and Lacquer Co., Inc.

By: The Estate of William Feinstein, shareholder (64%)

By: _____
Leonard S. Elman

Title: Executor

Date: _____

and

By: Gloria Roberts
Gloria Roberts, shareholder (36%)

Date: 8-3-17

STATE OF NEW YORK)
) s.s.:
COUNTY OF)

On the _____ day of _____, in the year_____, before me, the undersigned, personally appeared Leonard S. Elman, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Signature and Office of individual
taking acknowledgment

STATE OF NEW YORK)
) s.s.:
COUNTY OF New York)

On the 3rd day of August, in the year 2017, before me, the undersigned, personally appeared Gloria Roberts, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Mildred Palo
Signature and Office of individual
taking acknowledgment

MILDRED PALO
Notary Public, State of New York
No. 01PA6178306
Qualified in New York County
Commission Expires 11-26-2019

CONSENT BY RESPONDENT

Respondent hereby consents to the issuing and entering of this Order, waives Respondent's right to a hearing herein as provided by law, and agrees to be bound by this Order.

Kent River Corporation

By: The Estate of William Feinstein, shareholder (50%)

By: Leonard S Elman
Leonard S. Elman

Title: Executor

Date: 8/15/17

and

By: _____
Gloria Roberts, shareholder (50%)

Date: _____

STATE OF NEW YORK)
) s.s.:
COUNTY OF)

On the 15th day of Aug, in the year 2017, before me, the undersigned, personally appeared Leonard S. Elman, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Maurice Cessant
Signature and Office of individual taking acknowledgment

MAURICE A. CESSANT
Notary Public, State of New York
No. 01CE6225726
Qualified in Queens County
Commission Expires August 23, 2018

CONSENT BY RESPONDENT

Respondent hereby consents to the issuing and entering of this Order, waives Respondent's right to a hearing herein as provided by law, and agrees to be bound by this Order.

Kent River Corporation

By: The Estate of William Feinstein, shareholder (50%)

By: _____
Leonard S. Elman

Title: Executor

Date: _____

and

By: Gloria Roberts
Gloria Roberts, shareholder (50%)

Date: 8-3-17

STATE OF NEW YORK)
) s.s.:
COUNTY OF)

On the _____ day of _____, in the year_____, before me, the undersigned, personally appeared Leonard S. Elman, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Signature and Office of individual
taking acknowledgment

STATE OF NEW YORK)
) s.s.:
COUNTY OF New York)

On the 3rd day of August, in the year 2017, before me, the undersigned, personally appeared Gloria Roberts, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Mildred Palo
Signature and Office of individual
taking acknowledgment

MILDRED PALO
Notary Public, State of New York
No. 01PA6178306
Qualified in New York County
Commission Expires 11-26-2019

Index No. CO 2-20170104-73

CONSENT BY RESPONDENT

Respondent hereby consents to the issuing and entering of this Order, waives Respondent's right to a hearing herein as provided by law, and agrees to be bound by this Order.

Kent Riverview, LLC

By: Mier Schweid
Mier Schweid

Title: Managing Member

Date: Aug 8, 2017

STATE OF NEW YORK)
) s.s.:
COUNTY OF Kings)

On the 8 day of August, in the year 2017, before me, the undersigned, personally appeared Mier Schweid, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Signature and Office of individual taking acknowledgment

LEV RIVKIN
NOTARY PUBLIC-STATE OF NEW YORK
No. 01RI5042696
Qualified In Kings County
My Commission Expires April 24, 2019

EXHIBIT "A"



LEGEND

BROWNFIELD PROPERTY BOUNDARY

PARCEL BOUNDARY

DOCUMENTED EXTENT OF OFFSITE DISSOLVED PHASE GROUNDWATER CONTAMINATION

NOTE:
1. OFFSITE EXTENT BASED ON JUNE/JULY 2016 GW DATA & OFFSITE INVESTIGATIONS

230 KENT AVENUE
BROOKYLN, KINGS COUNTY, NEW YORK

OFFSITE EXTENT OF CONTAMINATION

DATE	REVISED

PREPARED BY: LEGGETTE, BRASHEARS & GRAHAM, INC
Professional Groundwater and Environmental Engineering Services
4 Westchester Park Drive
Suite 175
White Plains, NY 10604
(914) 694-5711

DRAWN:	RAC	CHECKED:	SG	DATE:	01/24/17	FIGURE:	1

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EXHIBIT "B"

RECORDS SEARCH REPORT

NO SUBMISSION REQUIRED

EXHIBIT "C"

Cost Summary

NONE

APPENDIX "A"

STANDARD CLAUSES FOR NEW YORK STATE STATE SUPERFUND ADMINISTRATIVE ORDERS FOR BROWNFIELD SITE OFFSITE CLEANUP

APPENDIX A

STANDARD CLAUSES FOR NEW YORK STATE STATE SUPERFUND ADMINISTRATIVE ORDERS FOR BROWNFIELD SITE OFFSITE CLEANUP

The parties to the State Superfund Order (hereinafter "Order") agree to be bound by the following clauses which are hereby made a part of the Order. The word "Respondent" herein refers to any party to the Order, other than the New York State Department of Environmental Conservation (hereinafter "Department").

I. Citizen Participation Plan

Within twenty (20) days after the effective date of this Order, Respondent shall submit for review and approval a written citizen participation plan prepared in accordance with the requirements of Environmental Conservation Law (ECL) § 27-1417 and 6 NYCRR §§ 375-1.10 and 375-3.10. Upon approval, the Citizen Participation Plan shall be deemed to be incorporated into and made a part of this Order.

II. Initial Submittal

Within thirty (30) days after the effective date of this Order, Respondent shall submit to the Department a Records Search Report prepared in accordance with Exhibit "B" attached to the Order. The Records Search Report can be limited if the Department notifies Respondent that prior submissions satisfy specific items required for the Records Search Report.

III. Development, Performance, and Reporting of Work Plans

A. Work Plan Requirements

The work plans ("Work Plan" or "Work Plans") under this Order shall be prepared and implemented in accordance with the requirements of ECL Article 27, Titles 13 and 14 and 6 NYCRR §§ 375-1.6(a), 375-3.6, and 375-6. Upon approval of a Work Plan by the Department, Respondent shall implement such Work Plan in accordance with the schedule contained therein. Nothing in this Subparagraph shall mandate that any particular Work Plan be submitted. The Work Plans shall be captioned as follows:

1. "Remedial Investigation Work Plan" if the Work Plan provides for the investigation of the nature and extent of contamination within the boundaries of the Site.

2. "Remedial Work Plan" if the Work Plan provides for the development and implementation of a Remedial Program for contamination within the boundaries of the Site.

3. "IRM Work Plan" if the Work Plan provides for an interim remedial measure.

4. "Site Management Plan" if the Work Plan provides for the identification and implementation of institutional and/or engineering controls as well as any necessary monitoring and/or operation and maintenance of the remedy.

5. "Supplemental" if additional work plans other than those set forth in III.A.1-5 are required to be prepared and implemented.

B. Submission/Implementation of Work Plans

1. Respondent may opt to propose one or more additional or supplemental Work Plans (including one or more IRM Work Plans) at any time, which the Department shall review for appropriateness and technical sufficiency.

2. The first proposed Work Plan to be submitted under this Order shall be submitted no later than thirty (30) days after the effective date of this Order. Thereafter, the Respondent shall submit such other and additional work plans as

determined in a schedule to be approved by the Department.

3. Any proposed Work Plan shall be submitted for the Department's review and approval and shall include, at a minimum, a chronological description of the anticipated activities to be conducted in accordance with current guidance, a schedule for performance of those activities, and sufficient detail to allow the Department to evaluate that Work Plan. The Department shall use best efforts in accordance with 6 NYCRR § 375-3.6(b) to approve, modify, or reject a proposed Work Plan within forty-five (45) days from its receipt or within fifteen (15) days from the close of the comment period, if applicable, whichever is later.

i. Upon the Department's written approval of a Work Plan, such Department-approved Work Plan shall be deemed to be incorporated into and made a part of this Order and shall be implemented in accordance with the schedule contained therein.

ii. If the Department requires modification of a Work Plan, the reason for such modification shall be provided in writing and the provisions of 6 NYCRR § 375-1.6(d)(3) shall apply.

iii. If the Department disapproves a Work Plan, the reason for such disapproval shall be provided in writing and the provisions of 6 NYCRR § 375-1.6(d)(4) shall apply.

4. A Site Management Plan, if necessary, shall be submitted in accordance with the schedule set forth in the IRM Work Plan or Remedial Work Plan.

5. During all field activities conducted under a Department-approved Work Plan, Respondent shall have on-Site a representative who is qualified to supervise the activities undertaken in accordance with the provisions of 6 NYCRR 375-1.6(a)(3).

6. A Professional Engineer must stamp and sign all Work Plans other than SC or RI/FS Work Plans

C. Submission of Final Reports

1. In accordance with the schedule contained in an approved Work Plan, Respondent shall submit a Final Report for an Investigation Work Plan prepared in accordance with ECL § 27-1411(1) and 6 NYCRR § 375-1.6. If such Final Report concludes that no remediation is necessary, and the Site does not meet the requirements for Track 1, Respondent shall submit an Alternatives Analysis prepared in accordance with ECL § 27-1413 and 6 NYCRR § 375-3.8(f) that supports such determination.

2. In accordance with the schedule contained in an approved Work Plan, Respondent shall submit a Final Engineering Report certifying that remediation of the Site has been performed in accordance with the requirements of ECL §§ 27-1419(1) and (2) and 6 NYCRR § 375-1.6. The Department shall review such Report, the submittals made pursuant to this Order, and any other relevant information regarding the Site and make a determination as to whether the goals of the remedial program have been or will be achieved in accordance with established timeframes; if so, a written Certificate of Completion will be issued in accordance with ECL § 27-1419, 6 NYCRR §§ 375-1.9 and 375-3.9.

3. Within sixty (60) days of the Department's approval of a Final Report, Respondent shall submit such additional Work Plans as it proposes to implement. In addition, Respondent shall include with every report submitted to the Department a schedule for the submission of any subsequent work plan required to meet the requirements of ECL Article 27 Titles 13 and 14. Failure to submit any additional Work Plans within such period shall, unless other Work Plans are under review by the Department or being implemented by Respondent, result in the termination of this Order pursuant to Paragraph XIII.

D. Review of Submittals other than Work Plans

1. The Department shall timely notify Respondent in writing of its approval or disapproval of each submittal other than a Work Plan in accordance with 6 NYCRR § 375-1.6. All Department-approved submittals shall be incorporated into and become an enforceable part of this Order.

2. If the Department disapproves a submittal covered by this Subparagraph, it shall specify the reason for its disapproval and may request Respondent to modify or expand the submittal. Within fifteen (15) days after receiving written notice that Respondent's submittal has been disapproved, Respondent shall elect in writing to either (i) modify or expand it within thirty (30) days of receipt of the written notice of disapproval; (ii) complete any other Department-approved Work Plan(s); (iii) invoke dispute resolution pursuant to Paragraph XIV; or (iv) terminate this Order pursuant to Paragraph XIII. If Respondent submits a revised submittal and it is disapproved, the Department and Respondent may pursue whatever remedies may be available under this Order or under law.

E. Department's Determination of Need for Remediation

The Department shall determine upon its approval of each Final Report dealing with the investigation of the Site whether remediation, or additional remediation as the case may be, is needed for protection of public health and the environment.

1. If the Department makes a preliminary determination that remediation, or additional remediation, is not needed for protection of public health and the environment, the Department shall notify the public of such determination and seek public comment in accordance with ECL § 27-1417(3)(f). The Department shall provide timely notification to the Respondent of its final determination following the close of the public comment period.

2. If the Department determines that additional remediation is not needed and such determination is based upon use restrictions, Respondent shall cause to be recorded an Environmental Easement in accordance with 6 NYCRR § 375-1.8(h).

3. If the Department determines that remediation, or additional remediation, is needed, Respondent may elect to submit for review and approval a proposed Remedial Work Plan (or modify an existing Work Plan for the Site) for a remedy selected upon due consideration of the factors set forth in ECL § 27-1415(3) and 6 NYCRR § 375-1.8(f). A proposed Remedial Work Plan addressing the Site's remediation will be noticed for public comment in accordance with ECL § 27-1417(3)(f) and the Citizen Participation Plan developed pursuant to this Order. If the Department determines following the close of the public comment period that modifications to the proposed Remedial Work Plan are needed, Respondent agrees to negotiate appropriate modifications to such Work Plan. If Respondent elects not to develop a Work Plan under this Subparagraph then this Order shall terminate in accordance with Paragraph XIII. If the Respondent elects to develop a Work Plan, then it will be reviewed in accordance with Paragraph III.D above.

A. Failure to make an election or failure to comply with the election is a violation of this Order

F. Institutional/Engineering Control Certification

In the event that the remedy for the Site, if any, or any Work Plan for the Site, requires institutional or engineering controls, Respondent shall submit a written certification in accordance with 6 NYCRR §§ 375-1.8(h)(3) and 375-3.8(h)(2).

IV. Penalties

A. 1. Respondent's failure to comply with any term of this Order constitutes a violation of this Order, the ECL, and 6 NYCRR 375-2.11(a)(4). Nothing herein abridges Respondent's right to contest any allegation that it has failed to comply with this Order.

2. Payment of any penalties shall not in any way alter Respondent's obligations under this Order.

B. 1. Respondent shall not suffer any penalty except as provided in Paragraph IV, or be subject to any proceeding or action if it cannot comply with any requirement of this Order as a result of a Force Majeure Event as described at 6 NYCRR § 375-1.5(b)(4) provided Respondent complies with the requirements set forth therein.

V. Entry upon Site

A. Respondent hereby agrees to provide access to the Site and to all relevant information regarding activities at the Site in accordance with the provisions of ECL § 27-1431. Respondent agrees to provide the Department upon request with proof of access if it is not the owner of the site.

B. The Department shall have the right to periodically inspect the Site to ensure that the use of the property complies with the terms and conditions of this Order. The Department will generally conduct such inspections during business hours, but retains the right to inspect at any time.

C. Failure to provide access as provided for under this Paragraph may result in termination of this Order pursuant to Paragraph XIII.

VI. Payment of State Costs

A. Within forty-five (45) days after receipt of an itemized invoice from the Department, Respondent shall pay to the Department a sum of money which shall represent reimbursement for State Costs as provided by 6 NYCRR § 375-1.5 (b)(3)(i).

B. Costs shall be documented as provided by 6 NYCRR § 375-1.5(b)(3)(ii). The Department shall not be required to provide any other documentation of costs, provided however, that the Department's records shall be available consistent with, and in accordance with, Article 6 of the Public Officers Law.

C. Each such payment shall be made payable to the "Commissioner of NYSDEC" and shall be sent to:

Director, Bureau of Program Management
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7012

D. Each party shall provide written notification to the other within ninety (90) days of any change in the foregoing addresses.

E. If Respondent objects to any invoiced costs under this Order, the provisions of 6 NYCRR §§ 375-1.5 (b)(3)(v) and (vi) shall apply. Objections shall be sent to the Department as provided under subparagraph VI.C above.

F. In the event of non-payment of any invoice within the 45 days provided herein, the Department may seek enforcement of this provision pursuant to Paragraph IV or the Department may commence an enforcement action for non-compliance with ECL § 27-1423 and ECL § 71-4003.

VII. Liability Limitation

Subsequent to the issuance of a Certificate of Completion pursuant to this Order. Respondent shall be entitled to the Liability Limitation set forth at ECL § 27-1421, subject to the terms and conditions stated therein and to the provisions of 6 NYCRR §§ 375-1.9 and 375-3.9.

VIII. Reservation of Rights

A. Except as provided at 6 NYCRR 375-1.9 and 375-2.9, nothing contained in this Order shall be construed as barring, diminishing, adjudicating, or in any way affecting any of the Department's rights or authorities, including, but not limited to, the right to require performance of further investigations and/or response action(s), to recover natural resource damages, and/or to exercise any summary abatement powers with respect to any person, including Respondent.

B. Except as otherwise provided in this Order, Respondent specifically reserves all rights and defenses under applicable law respecting any Departmental assertion of remedial liability and/or natural resource damages against Respondent, and further reserves all rights respecting the enforcement of this Order, including the rights to notice, to be heard, to appeal, and to any other due process. The existence of this Order or Respondent's compliance with it shall not be construed as an admission of liability, fault, wrongdoing, or breach of standard of care by Respondent, and shall not give rise to any presumption of law or finding of fact, or create any rights, or grant any cause of action, which shall inure to the benefit of any third party. Further, Respondent reserves

such rights as it may have to seek and obtain contribution, indemnification, and/or any other form of recovery from its insurers and from other potentially responsible parties or their insurers for past or future response and/or cleanup costs or such other costs or damages arising from the contamination at the Site as may be provided by law, including but not limited to rights of contribution under section 113(f)(3)(B) of CERCLA, 42 U.S.C. § 9613(f)(3)(B).

IX. Indemnification

Respondent shall indemnify and hold the Department, the State of New York, the Trustee of the State's natural resources, and their representatives and employees harmless as provided by 6 NYCRR 375-2.5(a)(3)(i).

X. Change of Use

Respondent shall notify the Department at least sixty (60) days in advance of any change of use, as defined in 6 NYCRR 375-2.2(a), which is proposed for the Site, in accordance with the provisions of 6 NYCRR § 375-1.11(d). In the event the Department determines that the proposed change of use is prohibited, the Department shall notify Respondent of such determination within forty-five (45) days of receipt of such notice.

XI. Environmental Easement

A. Within thirty (30) days after the Department's approval of a Remedial Work Plan which relies upon one or more institutional and/or engineering controls, or within sixty (60) days after the Department's determination pursuant to Subparagraph III.E.2 that additional remediation is not needed based upon use restrictions, Respondent shall submit to the Department for approval an Environmental Easement to run with the land in favor of the State which complies with the requirements of ECL Article 71, Title 36 and 6 NYCRR § 375-1.8(h)(2). Respondent shall cause such instrument to be recorded with the recording officer for the county in which the Site is located within thirty (30) days after the Department's approval of such instrument. Respondent shall provide the Department with a copy of such instrument certified by the recording officer to be a true and faithful copy within thirty (30) days of such recording (or such longer period of time as may be required to obtain a certified copy provided Respondent advises the Department of the status of its efforts to obtain same within such thirty (30) day period), which shall be deemed to be incorporated into this Order.

B. Respondent or the owner of the Site may petition the Department to modify or extinguish the Environmental Easement filed pursuant to this Order at such time as it can certify that the Site is protective of public health and the environment without reliance upon the restrictions set forth in such instrument. Such certification shall be made by a Professional Engineer or Qualified Environmental Professional as defined at 6 NYCRR § 375-1.2(ak) approved by the Department. The Department will not unreasonably withhold its consent.

C. If Respondent does not cause such environmental easement to be recorded in accordance with 6 NYCRR 375-1.8(h)(2), Respondent will not be entitled to the benefits conferred by 6 NYCRR 375-1.9 and 375-2.9 and the Department may file an Environmental Notice on the site.

XII. Progress Reports

Respondent shall submit a written progress report of its actions under this Order to the parties identified in Subparagraph IV.A.1 of the Order by the 10th day of each month commencing with the month subsequent to the approval of the first Work Plan and ending with the Termination date as set forth in Paragraph XIII, unless a different frequency is set forth in a Work Plan. Such reports shall, at a minimum, include: all actions relative to the Site during the previous reporting period and those anticipated for the next reporting period; all approved activity modifications (changes of work scope and/or schedule); all results of sampling and tests and all other data received or generated by or on behalf of Respondent in connection with this Site, whether under this Order or otherwise, in the previous reporting period, including quality assurance/quality control information; information regarding percentage of completion; unresolved delays encountered or anticipated that may affect the future schedule and efforts made to mitigate such delays; and information

regarding activities undertaken in support of the Citizen Participation Plan during the previous reporting period and those anticipated for the next reporting period.

XIII. Termination of Order

A. This Order will terminate upon the earlier of the following events:

1. Respondent's election in accordance with Paragraph III.E.2 not to implement the remedial activities required pursuant to the Decision Document. In the event of termination in accordance with this Subparagraph, this Order shall terminate effective the 5th Day after the Department's receipt of the written notification, provided, however, that if there are one or more Work Plan(s) for which a final report has not been approved at the time of Respondent's notification of its election not to implement the remedial activities in accordance with the Decision Document, Respondent shall complete the activities required by such previously approved Work Plan(s) consistent with the schedules contained therein. Thereafter, this Order shall terminate effective the 5th Day after the Department's approval of the final report for all previously approved Work Plans; or

2. The Department's written determination that Respondent has completed all phases of the Remedial Program (including Site Management), in which event the termination shall be effective on the 5th Day after the date of the Department's letter stating that all phases of the remedial program have been completed.

B. Notwithstanding the foregoing, the provisions contained in Paragraphs VI and IX shall survive the termination of this Order and any violation of such surviving Paragraphs shall be a violation of this Order, the ECL, and of 6 NYCRR §§ 375-2.11(a)(4), subjecting Respondent to penalties as provided under 3.5(b), (c), and (d) by providing written notification to the parties listed in Paragraph IV so long as such obligations accrued on or prior to the Termination Date of the Order.

C. If the Order is terminated pursuant to Subparagraph XIII.A.1, neither this Order nor its termination shall affect any liability of Respondent for remediation of the Site and/or for payment of State Costs, including implementation of removal and remedial actions, interest, enforcement, and any and all other response costs as defined under CERCLA, nor shall it affect any defenses to such liability that may be asserted by Respondent. Respondent shall also ensure that it does not leave the Site in a condition, from the perspective of human health and environmental protection, worse than that which existed before any activities under this Order were commenced. Further, the Department's efforts in obtaining and overseeing compliance with this Order shall constitute reasonable efforts under law to obtain a voluntary commitment from Respondent for any further activities to be undertaken as part of a Remedial Program for the Site.

XIV. Dispute Resolution

A. In the event disputes arise under this Order, Respondent may, within fifteen (15) days after Respondent knew or should have known of the facts which are the basis of the dispute, initiate dispute resolution in accordance with the provisions of 6 NYCRR § 375-1.5(b)(2).

B. All cost incurred by the Department associated with dispute resolution are State costs subject to reimbursement pursuant to Paragraph VI of Appendix A of this Order, if applicable.

C. Notwithstanding any other rights otherwise authorized in law or equity, any disputes pursuant to this Order shall be limited to Departmental decisions on remedial activities. In no event shall such dispute authorize a challenge to the applicable statute or regulation.

XV. Miscellaneous

A. Respondent agrees to comply with and be bound by the provisions of 6 NYCRR Subparts 375-1 and 375-2; the provisions of such Subparts that are referenced herein are referenced for clarity and convenience only and the failure of this Order to specifically reference any particular regulatory provision is not intended to imply that such provision is not applicable to activities performed under this Order.

B. The Department may exempt Respondent from the requirement to obtain any state or local permit or other authorization for any activity conducted pursuant to this Order in accordance with 6 NYCRR 375-1.12(b), (c), and (d).

C. 1. Respondent shall use best efforts to obtain all Site access, permits, easements, approvals, institutional controls, and/or authorizations necessary to perform Respondent's obligations under this Order, including all Department-approved Work Plans and the schedules contained therein. If, despite Respondent's best efforts, any access, permits, easements, approvals, institutional controls, or authorizations cannot be obtained, Respondent shall promptly notify the Department and include a summary of the steps taken. The Department may, as it deems appropriate and within its authority, assist Respondent in obtaining same.

2. If an interest in property is needed to implement an institutional control required by a Work Plan and such interest cannot be obtained, the Department may require Respondent to modify the Work Plan pursuant to 6 NYCRR 375-1.6(d)(3) to reflect changes necessitated by Respondent's inability to obtain such interest.

D. The paragraph headings set forth in this Order are included for convenience of reference only and shall be disregarded in the construction and interpretation of any provisions of this Order.

E. 1. The terms of this Order shall constitute the complete and entire agreement between the Department and Respondent concerning the implementation of the activities required by this Order. No term, condition, understanding, or agreement purporting to modify or vary any term of this Order shall be binding unless made in writing and subscribed by the party to be bound. No informal advice, guidance, suggestion, or comment by the Department shall be construed as relieving Respondent of Respondent's obligation to obtain such formal approvals as may be required by this Order. In the event of a conflict between the terms of this Order and any Work Plan submitted pursuant to this Order, the terms of this Order shall control over the terms of the Work Plan(s). Respondent consents to and agrees not to contest the authority and jurisdiction of the Department to enter into or enforce this Order.

2. i. Except as set forth herein, if Respondent desires that any provision of this Order be changed, Respondent shall make timely written application to the Commissioner with copies to the parties listed in Subparagraph IV.A.1.

ii. If Respondent seeks to modify an approved Work Plan, a written request shall be made to the Department's project manager, with copies to the parties listed in Subparagraph IV.A.1.

iii. Requests for a change to a time frame set forth in this Order shall be made in writing to the Department's project attorney and project manager; such requests shall not be unreasonably denied and a written response to such requests shall be sent to Respondent promptly.

F. 1. If there are multiple parties signing this Order, the term "Respondent" shall be read in the plural, the obligations of each such party under this Order are joint and several, and the insolvency of or failure by any Respondent to implement any obligations under this Order shall not affect the obligations of the remaining Respondent(s) under this Order.

2. If Respondent is a partnership, the obligations of all general partners (including limited partners who act as general partners) under this Order are joint and several and the insolvency or failure of any general partner to implement any obligations under this Order shall not affect the obligations of the remaining partner(s) under this Order.

3. Notwithstanding the foregoing Subparagraphs XV.F.1 and 2, if multiple parties sign this Order as Respondents but not all of the signing parties elect to implement a Work Plan, all Respondents are jointly and severally liable for each and every obligation under this Order through the completion of activities in such Work Plan that all such parties consented to; thereafter, only those Respondents electing to

perform additional work shall be jointly and severally liable under this Order for the obligations and activities under such additional Work Plan(s). The parties electing not to implement the additional Work Plan(s) shall have no obligations under this Order relative to the activities set forth in such Work Plan(s).

G. Respondent shall be entitled to receive contribution protection and/or to seek contribution to the extent authorized by ECL 27-1421(6) and 6 NYCRR 375-1.5(b)(5).

H. Any time limitations set forth in Section 113(g)(1) of CERCLA, as amended, 42 U.S.C. § 9613(g)(1), Section 1012(h)(2) of the Oil Pollution Act, as amended, 33 U.S.C. § 2712(h)(2), the Federal Water Pollution Control Act, the New York Navigation Law, the New York Environmental Conservation Law, or any other federal or state statute or regulation with respect to potential claims for natural resource damages against Respondent or any other time limitations for the filing of potential natural resource damages claims against Respondent under any other applicable state or federal law are tolled in their entirety from the effective date of this Order until termination of this Order.

I. Unless otherwise expressly provided herein, terms used in this Order which are defined in ECL Article 27 or in regulations promulgated thereunder shall have the meaning assigned to them under said statute or regulations.

J. Respondent's obligations under this Order represent payment for or reimbursement of response costs, and shall not be deemed to constitute any type of fine or penalty.

K. Respondent and Respondent's successors and assigns shall be bound by this Order. Any change in ownership or corporate status of Respondent shall in no way alter Respondent's responsibilities under this Order.

L. This Order may be executed for the convenience of the parties hereto, individually or in combination, in one or more counterparts, each of which shall be deemed to have the status of an executed original and all of which shall together constitute one and the same.

Wong, Yuk Yin (DEC)

From: Morelli, Dave <dave.morelli@wsp.com>
Sent: Tuesday, June 05, 2018 3:57 PM
To: O'Connell, Jane H (DEC)
Cc: Wong, Yuk Yin (DEC); KLESHK@coned.com; MISCHWEID@GMAIL.COM; Anders, Krista M (HEALTH); Rusinko, Rosalie (DEC); CWarren@KRAMERLEVIN.com; Groszkowski, Sean
Subject: FYN Paint (site No. C224154)
Attachments: Remedial System Relocation Work Plan.pdf

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Ms. O'Connell,

On behalf of Sean Groszkowski of WSP USA, the attached Remedial System Relocation Work Plan is being submitted for your review and comment so we may address any additional steps necessary to proceed with the relocation activities.

As a follow up to the phone call from Friday, WSP requests that Con Edison provide the information for the sewer contractor to perform the utility disconnection activities for the former boiler house.

If you have any questions, please feel free to contact Sean Groszkowski directly via email at sean.groszkowski@wsp.com or by phone at (914) 694-5711.

Regards,

Dave Morelli
Senior Hydrogeologist

914 729 4953
dave.morelli@wsp.com

WSP USA
4 Westchester Park Drive, Suite 175
White Plains, NY 10604
wsp.com

June 05, 2018

Jane H. O'Connell
NYSDEC
Chief, Superfund and Brownfield Cleanup Section, DER
47-40 21st Street
Long Island City, NY 11101

RE : Fyn Paint & Lacquer Co., Inc.
BCP Site No. C224154 / Off-Site No. C224154A
Remedial System Relocation Work Plan

Dear Mrs. O'Connell:

Introduction

As per the project meeting which took place on March 26, 2018 at the NYSDEC office, it was agreed that the remedial system currently staged on the western side of the Fyn Paint site will not be utilized for any of the construction dewatering activities associated with the site remedy. As outlined in the RAWP, the rationale for delaying the remedial trailer relocation until after the completion of the site remedy was specifically to have it available for localized construction dewatering activities associated with contaminated soil excavation below the water table. Therefore, with the change in scope for the excavation activities (to permit redevelopment with two sub-grade levels) as well as Con Edison's objection to the use of the remedial system for construction dewatering, the relocation delay is no longer necessary.

The system is currently inoperable (due to the electrical feeding having been disconnected in preparation for building demolition). Thus, considering that the NYSDEC (with Con Edison input) have determined that the remedial system may only be used for subsurface remediation, Kent Riverview LLC (KR) is ready to proceed with the relocation of the remedial system onto the Con Edison property. The following sections present the Remedial System Relocation Work Plan, and outline the scope of work required to transfer the remedial system trailer and associated components to the Con Edison property, as well as the activities required to make the remedial system operable.

LBG HYDROGEOLOGIC & ENGINEERING SERVICES, P.C.
MEMBER OF WSP
4 Westchester Park Drive, Suite 175
White Plains, NY 10604

Tel.: +1 914-694-5711
wsp.com

Site Safety During Relocation Activities

All activities associated with the relocation and staging of the remedial system on the Con Edison property will be performed in accordance with the site-specific Health and Safety Plan as prepared and submitted in association with the Fyn Paint RAWP.

A Contact, Site Safety Briefing, Air Monitoring sheets, and a site and hospital location map have been prepared for the site activities.

In addition, while work is being performed on Con Edison property, all workers present shall conform to the Con Edison "Rules We Live By 2013" as well as additional Con Edison Environmental Health and Safety Protocol documents applicable to the proposed activities associated with the remedial system relocation activities. The applicable Con Edison Environmental Health and Safety Section Protocol documents included:

- CEHSP A32.00 – Rules We Live By (including table);
- Con Edison – Standard Safe Work Practices;
- Con Edison – Work Area Protection and Traffic Control Field Manual;
- CEHSP A28.00 – Calling A Time Out;
- CEHSP E08.02 – Noise Construction and Utility Activities;
- CEHSP S05.03 – Personal Protective Equipment: Protective Clothing;
- CEHSP S12.00 – Lockout/Tagout Procedures;
- CEHSP S05.01.06 – Activities with Potential to Contact Energized Subsurface Electrical Installations.

System Relocation Activities

All activities associated with the relocation and staging of the remedial system on the Con Edison parking lot property will be coordinated with Con Edison representatives. The proposed relocation area for the remedial system is on the northern perimeter of the Con Edison property. This area is within the footprint of the former boiler house building which has been razed. The proposed remedial system staging area is presented on the attached figure.

Prior to relocation, the existing electrical connections will be disconnected from the remedial trailer. All Electrical feed wires and conduit will be temporarily stored on the Fyn Paint site pending the electrical connection activities (to be performed on the Con Edison property).

Kent Riverview will be responsible for coordinating with a contractor for disassembly of the current system fencing enclosure, removing the blocking currently in place from the beneath the trailer, and transporting the trailer to the Con Edison property. Additionally, the contractor will

perform the relocation of the vapor phase carbon units and the NAPL recovery drum (with secondary containment enclosure

Once the trailer is transported to the Con Edison property, it will be staged on the norther portion of the property. The trailer will be oriented with the tongue facing Kent Avenue. This orientation will provide the most access to the DPE inlet connections in addition to providing access to both the electrical disconnect (adjacent to the trailer tongue) and the to the rear entry doors on the trailer.

The dual phase extraction (DPE) conduits for the trenched extraction wells and air sparge wells are accessible from the Con Edison parking lot. Once the remedial system trailer is transferred, the DPE and air sparge well will be connected at the conduit stick-ups (adjacent to the Fyn Paint building). Flexible chemical rated tubing will be connected at the conduit stick-up, and will be run along the surface to connect to the remedial trailer. For the portion of the property encompassed within the exclusion zone (extending 15 feet from the Fyn Paint building as described in the NYS DOB demolition plans), the extraction tubing will be overlain with a temporary protective covering. This will consist of a conduit cover constructed of 4x4 wood beams and plywood. This will ensure that the process tubing is protected from any potential damage resulting from the building demolition activities at the Fyn Paint site.

Vapor Phase Carbon Units and NAPL Recovery Drum

A carbon service company will be contracted in the next one to two weeks to perform carbon change out activities on both the two (2) 800-lb liquid phase carbon units and the two (2) 1,600-lb vapor phase carbon units.

Temporary staging of spent carbon will be performed on the KR property. Waste profiling, transportation and disposal at an approved disposal facility will be coordinated by KR and their representatives. KR requests that this carbon change-out activity satisfy the respective conveyance requirement outlined in the consent order.

Once the carbon-change-out activity is completed, the two (2) 1,600-pound vapor phase carbon units will be relocated to the Con Edison property after the remedial system staging is complete. The vapor phase carbon units will be staged on the eastern side of the property adjacent to the Kent Avenue property line. In addition to the vapor phase carbon units, a vapor phase effluent discharge pipe will be installed on the southeastern corner of the system trailer. The effluent pipe will be installed with 4-inch diameter PVC, and will extent approximately 15 feet above grade elevation. This will ensure that the effluent discharge will be directed away from any pedestrian traffic (current or future) passing by the Site along Kent Avenue.

The 55-gallon NAPL recovery drum will be staged adjacent to the remedial trailer. The drum will be contained within a roll-top hardcovered secondary containment enclosure for both spill

protection and to protect from the elements. The proposed locations of these remedial components are presented on the attached figure.

Utilities

Electric

The remedial system will require a 400 amp 3-phase power supply for the equipment operation. KR will work in coordination with Con Edison and the NYSDEC to select an installation location and to complete the electric feed installation. Following install of 400-amp meter, a 400-amp service disconnect will also be installed. Once the service is installed, the electrical wiring will then be installed connecting the power supply to the remedial trailer disconnect. If possible, the meter/disconnect/wiring installed in the Fyn Pain building will be utilized for the new service connection. This should be acceptable, considering the equipment was installed in 2014, and has limited usage. The service connection account set up will need to coordinate with both Con Edison and the NYSDEC.

Sanitary/Combined Sewer

The effluent water (treated groundwater) will be discharged to the NYCDEP sanitary sewer. This will require a house connection to the NYS DEC combined sewer be installed onsite. WSP requests that Con Edison provide the contact information for the plumber who was contracted for the closing of the sewer connection(s) in association with the Boiler House demolishment. KR will contract a licensed plumber (same as used by Con Edison if possible) to obtain a sewer connection permit and to perform the house connection installation. All activities required for the installation of the sewer connection will be coordinated with Con Edison representatives.

NYC DEP Discharge Permit

The NYC DEP sewer discharge permit is currently issued for the discharge utilizing a house connection for the Fyn Paint building. The NYCDEP will be contacted to inquire if the existing sewer permit can be transferred to the NYSDEC and if the point of discharge can be modified to reflect the new sewer connection.

If required, a new sewer discharge permit application will be prepared collaboratively with the NYSDEC.

Upon receipt of the NYSDEP discharge permit, operation of the remedial system can re-start.

Interim Remedial System OM&M

KR understands that the NYSDEC must follow established contractor procurement procedures in relation to selecting a remedial contractor for performance of the remedial system OM&M

activities. Therefore, once the remedial system relocation is complete and the system is operational, KR will continue to perform the OM&M activities until such time that NYSDEC remedial contractor procurement is completed. OM&M activities will continue to be performed as per the OM&M work plan outlined in the RAWP.

Temporary Access Agreement for System OM&M

Pending NYSDEC remedial contractor procurement, KR requests that Con Edison prepare a temporary access agreement which will allow KR representatives access to the site for both routine and unexpected OM&M site visits. This will allow for implementation of the RAWP OM&M activities once the remedial system is operational.

KR requests that NYSDEC, NYSDOH and Con Edison review the proposed remedial system relocation plan and provide comments for aspects that do not adequately address the scope of work connected with the proposed activities.

We look forward to hearing back from you regarding the proposed work plan, and are willing to implement the outlined activities immediately once any additional logistical details can be addressed to the satisfaction of the NYSDEC, NYSDOH and Con Edison.

If you have any question or comments, you may contact me directly via email at sean.groszkowski@wsp.com or by telephone at (914) 694-5711.

Kind regards,

Sean Groszkowski, P.G.
Senior Supervising Hydrogeologist

scg
Figure
cc: Kevin Klesh – Con Edison
Mier Schweid – Kent Riverview LLC
Krista Anders - NYSDOH
Rosalie Rusinko - NYSDEC
Charles Warren – Kramer, Levin, Naftalis & Frankel, LLP
Bryan Wong - NYSDEC

KENT AVENUE

METROPOLITAN AVENUE

NORTH FIRST STREET

RIVER STREET

VAPOR PHASE CARBON UNITS (1,600 LBS EACH)

REMEDIAL SYSTEM TRAILER

NAPL RECOVERY DRUM WITH SECONDARY CONTAINMENT ENCLOSURE

APPROX. EXTENT OF ABANDONED IN-PLACE 10,000-GALLON UST

FOOTPRINT OF RAZED FORMER BOILER HOUSE

FENCE AND BARRICADES TO BE REMOVED FOLLOWING SYSTEM RELOCATION

PARKING LOT

PEDESTRIAN WALK

FYN PAINT & LACQUER CO.

MW-15
MW-24
MW-28
MW-21
EW-1
SG-9
MW-31
ASW-1
MW-16
MW-22
MW-30
MW-29
SG-10
MW-32
ASW-2
MW-23
MW-27
MW-33
EW-2
SG-2
MW-11
MW-12
MW-4
MW-14

12-Inch Combined Sewer

12-Inch Combined Sewer Main

FLOW DIRECTION

0 20

SCALE IN FEET

LEGEND

- PROPERTY LINE
- 4-INCH DIAMETER MONITOR WELL (PVC)
- 2-INCH DIAMETER MONITOR WELL (PVC)
- 2-INCH DIAMETER MONITOR WELL (STAINLESS STEEL)
- 1-INCH SOIL GAS POINT (PVC)
- 4-INCH DIAMETER EXTRACTION WELL (STAINLESS STEEL)
- 2-INCH DIAMETER EXTRACTION WELL (STAINLESS STEEL) NOTE - ASW-1 IS A 1-INCH DIAMETER AIR SPARGE WELL
- 1-INCH DIAMETER EXTRACTION WELL (STAINLESS STEEL)
- SSDS MANIFOLD HEADER
- PROCESS TUBING CONDUIT TRENCH
- CATCH BASIN
- LAMP POST
- CHAIN LINK FENCE
- HYDRANT
- MANHOLE
- SUBSURFACE 12-INCH DIAMETER HIGH PRESSURE GAS MAIN
- SUBSURFACE HIGH VOLTAGE TRANSMISSION LINE
- 12-INCH COMBINED SEWER MAIN
- FOOTPRINT OF RAZED BOILER HOUSE BUILDING
- CON EDISON PROPERTY LINE
- TEMPORARY FENCE DURING FYN PAINT DEMOLITION AND RAWP ACTIVITIES

NOTES:
1. LOCATION OF ELECTRIC FEED TBD.
2. LOCATION OF COMBINED SEWER HOUSE CONNECTION TBD.

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

PROPOSED REMEDIAL SYSTEM RELOCATION PLAN

DATE	REVISED

PREPARED BY:

WSP USA
4 Westchester Park Drive
Suite 175
White Plains, New York 10604
(914) 694-5711

DRAWN:	RAC	CHECKED:	SG	DATE:	06/05/18	FIGURE:	1

O:\DWG\FYN Paint\2018\F1_ProgRSRP.dwg, Layout1, 6/5/2018 2:57:54 PM, AcroPlotTempDWF9512.pc3

APPENDIX D: Client Provided Documentation

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Memorandum

Privileged and Confidential
Attorney-Client Communication

To: Laurie Silberfeld, Director - Real Estate

From: Kevin Klesh, Associate Counsel
Cristina Lombardi, Director – Remediation
Neil O'Halloran, Section Manager - Remediation Programs & Legacy

Re: **Former North First Street Terminal, Parcel II, Brooklyn, New York**

Date: September 29, 2017

We have been asked to review existing environmental reports that have been prepared for the former North First Street Terminal, Parcel II (Block 2361, Lot 1) ("Parcel II"), which is owned by Consolidated Edison Company of New York, Inc. ("Con Edison") and which Con Edison plans to divest, and to provide advice as to whether additional investigation or remediation should be undertaken prior to sale. The 1.2-acre Parcel II is located in a mixed residential, commercial, and manufacturing section of Williamsburg, Brooklyn at 105 River Street, Kings County, New York.

Technical Summary

We have been informed by Con Edison's Real Estate Department that the highest and best future use for Parcel II is restricted residential development. The following technical analysis is based on meeting the requirements for restricted residential development. As discussed below, other than in the southeast corner, the soils on the property exhibit qualities of urban fill that is typical of waterfront properties in New York City.

Based on information in the Phase I ESA Report (H2M; September 1999), Parcel II was acquired along with two other parcels from the NEPCO Terminal Corp. in October 1984. NEPCO established a No. 6 fuel oil storage and transfer facility on the three parcels in 1965. Con Edison operated this Major Oil Storage Facility ("MOSF") until the late 1990s. As indicated in the Phase II Site Investigation Report developed by consultant HDR in January 2000, and the Site Investigation Report – Second Phase, developed by HDR in June 2012, three aboveground storage tanks ("ASTs") with a combined capacity of 14,325,000 gallons were located on Parcel II. Con Edison abandoned the main fuel oil line in 2000 and demolished the three ASTs at Parcel II in 2012. The ASTs were identified as a Recognized Environmental Condition ("REC") in the 1999 Phase I ESA Report, prompting the planning and implementation of a series of soil and groundwater investigations by HDR. The June 2012 HDR Report was prepared in support of Con Edison's request to NYSDEC Region 2 for closure of the MOSF License (No. 2-1480). In its July 24, 2012 response, the NYSDEC indicated that no further

action was required in relation to the former MOSF License and that gauging/sampling of MOSF monitoring wells could be discontinued.

In 2012, an extensive investigation was completed across the footprint of the former MOSF. Twenty two soil borings and five temporary monitoring wells were installed. A total of forty-four surface and subsurface soil samples were collected, ten of which had one or more Semi-Volatile Organic Compounds ("SVOCs") exceeding the NYSDEC Recommended Soil Cleanup Objectives ("RSCOs") for Restricted Residential ("RR") use. One subsurface soil sample exceeded the RR RSCO for Total Xylenes, a group of Volatile Organic Compounds ("VOCs"). This exceedance is attributed to the migration of hazardous substances from the underground solvent storage tanks at the former Fyn Paint and Lacquer Co. (Fyn Paint) property located directly across the street (on the east side River Street), which is hydraulically upgradient from Parcel II. The surface and subsurface soil samples collected from one location exceeded the RR RSCO for metals. There were no RR RSCO exceedances for polychlorinated biphenyls. The soil quality and concentrations are indicative of typical urban fill, which is prevalent at this parcel and this area of the Brooklyn waterfront. Exceedances of groundwater quality standards for VOCs (benzene, toluene, ethylbenzene and xylene ("BTEX") and SVOCs (phenols) were also detected at the five temporary monitoring wells, located generally between Parcel II and the Fyn Paint property. The former Fyn Paint operations are suspected to have contributed to the groundwater exceedances of BTEX detected in four of the five monitoring wells. The soil and groundwater concentrations are not indicative of a historical release from the former MOSF operations at Parcel II.

In 2015, a focused site investigation was conducted to delineate the vertical and horizontal extent of VOC contamination detected within Parcel II during the 2012 investigation. During an investigation conducted in 2015, nine soil borings/temporary monitoring wells were installed at Parcel II. Of the nine soil samples collected, only one sample location had VOCs (Total Xylene) concentrations exceeding the corresponding RR RSCO. Six of the nine temporary monitoring wells had exceedances of groundwater quality standards for VOCs; only one location had exceedances for all four BTEX compounds.

In February 2017, a supplemental site investigation was conducted to further delineate the extent of the VOC contamination at Parcel II, specifically in the southeast corner of Parcel II, directly downgradient from the Fyn Paint property. Two soil borings were installed, from which four soil samples were collected. Groundwater samples were collected from six existing / surrounding wells. Based on comparison of groundwater data to prior results, the groundwater quality in this area of Parcel II appears to be relatively unchanged. Contaminants of concern and concentrations detected in 2017 are generally consistent with the 2015 and 2012 data. Moreover, toluene, ethylbenzene and xylenes concentrations detected near the southeast corner of Parcel II were lower than the previous concentrations detected, by an order of magnitude. This may suggest that the offsite contamination from the Fyn Paint site is diminishing.

In July 2017, a 20 inch fuel oil line running between Parcels II and III that had been used during Parcel II's historic MOSF operations was inspected. The pipeline was confirmed to have been previously abandoned properly and grouted in place during decommissioning of the MOSF facilities. There was no indication of impacts to surrounding soils identified during the July 2017 inspection and the fuel oil pipeline has since been removed.

Soil and groundwater data collected during the prior investigations do not appear to be indicative of any releases associated with the historic operations at Parcel II. The data suggest, however, that there is a preferential pathway in the southeastern corner of Parcel II, where historic operations at the Fyn Paint property have impacted both soil and groundwater with dissolved phase VOCs. Prior studies conducted by Fyn Paint's consultant, LBG, had suggested that this southeast area of Parcel II could be addressed by installation of an interceptor trench. NYSDEC agreed to defer the interceptor trench installation with the understanding that a soil vapor extraction system installed on the Fyn Paint property in July 2014 could help mitigate the Fyn Paint contamination plume and that Con Edison intended to sell Parcel II in the near future to another party who could redevelop Parcel II and address the southeast corner at that time. In the interim, Con Edison agreed to conduct the further studies of Parcel II described above that have since shown that the Fyn Paint contamination is diminishing but still exists in the southeast corner of Parcel II. At this time, we do not recommend installing an interceptor trench in the southeast corner of Parcel II, unless required by NYSDEC, because depending on the future development plans for the property, other remedial actions may be preferable. The potential path forward for the southeast corner of Parcel II in connection with the sale of Parcel II is discussed in the Law Summary below.

Groundwater is not used for domestic consumption in the area. Excavated soils generated during potential future site redevelopment should be characterized for disposition at a permitted waste disposal facility. Based on the results of previous environmental investigations conducted at, and surrounding Parcel II, and a good faith review of the records in EH&S's possession, no further environmental investigation is required at this time.

Legal Summary

It is expected that NYSDEC will require future action by Con Edison or a future owner to address the Fyn Paint contamination that has migrated onto the southeast corner of Parcel II. The most cost-effective path forward would be to combine future remedial action with redevelopment of Parcel II. The future property owner should evaluate its potential options for coordination with NYSDEC, including whether the project would qualify for entry into the New York State Brownfield Cleanup Program.

We would suggest, to the extent obtainable in negotiations, that the following terms be considered for inclusion in a Purchase and Sale and Agreement for Parcel II:

- Acknowledgement by the purchaser that they have conducted an independent environmental evaluation of Parcel II.
- No representations or warranties from Con Edison regarding the environmental condition of Parcel II. Con Edison can provide its readily-available environmental reports on Parcel II, but with no representations or warranties regarding their completeness or accuracy.

- Full indemnity and release of Con Edison for any environmental conditions, whether known unknown, existing or future, including a covenant with this same release/indemnity that also must be signed by any future purchasers of Parcel II (except any residential condominium owners).

Please let us know if you have any questions or require additional information.

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Memorandum

To: Laurie Silberfeld
Director of Real Estate

From: Carolyn Jaffe
Assistant General Counsel

Kevin Klesh
Associate Counsel

Date: September 23, 2015

Re: Former North First Street Terminal, Parcels I and IV

This memorandum relates to the former North First Street Terminal, Parcels I and IV (the "Site"), which is owned by Consolidated Edison Company of New York, Inc. ("Con Edison"), and which Con Edison plans to divest. All technical information regarding Site conditions and prior investigation is based on information received from Barry Cohen and David Rubin of EH&S.

The 1.5-acre Site is located in a mixed residential, commercial, and manufacturing section of Williamsburg, Brooklyn at 87 River Street and 2 North First Street (respectively), Kings County, New York. According to the Phase I ESA Report (H2M; September 1999), Parcel I (Block 2355, Lot 1) was acquired along with two other parcels from the NEPCO Terminal Corp. in October 1984. NEPCO established a No. 6 fuel oil storage and transfer facility on the three parcels in 1965. As indicated in the Phase II Site Investigation Report (HDR; January 2000) and the Site Investigation Report – Second Phase (HDR; June 2012), Parcel I had three above-ground storage tanks ("ASTs") with a combined capacity of 16,950,000 gallons. Con Edison demolished the three ASTs at the Site in 2011. The presence of the ASTs at the Site was identified as a Recognized Environmental Condition ("REC") in the 1999 Phase I ESA Report, prompting the planning and implementation of a series of soil and groundwater investigations by HDR. The June 2012 HDR Report was prepared in support of Con Edison's request to NYSDEC Region 2 for closure of the Major Oil Storage Facility ("MOSF") License (No. 2-1480). In its July 24, 2012 response, DEC indicated that no further action was required in relation to the former MOSF License, the reported spill (petroleum sheen) observed during tank demolition activities had been closed, and gauging/sampling of MOSF monitoring wells could be discontinued.

With respect to Parcel IV (Block 2376, Lot 50), the 1999 Phase I ESA Report states that Con Edison acquired property (consisting of Parcel IV and the adjoining, upland lot) from Charles Pfizer and Company ("Pfizer") in 1993. Pfizer utilized the upland lot for the storage and transfer of molasses and sulfuric acid in the production of cough syrup (at a separate

manufacturing facility in Brooklyn). The Phase I Report indicates that the storage and transfer operation at the upland lot ceased around July 1984. The upland facilities were subsequently removed and Con Edison sold the upland lot to the New York Power Authority ("NYPA"). Parcel IV has remained unused by Con Edison since its acquisition from Pfizer.

In 2012, twenty soil borings and four temporary monitoring wells were installed within the footprint of the No. 6 fuel oil tank farm formerly located on Parcel I. Of the 40 surface and subsurface soil samples collected, 23 had one or more Semi-Volatile Organic Compounds ("SVOCs") exceeding the DEC Recommended Soil Cleanup Objectives ("RSCOs") for Restricted Residential ("RR") use ("highest and best future use" per Con Edison's Real Estate Department). There were no RR RSCO exceedances for VOCs, metals, or polychlorinated biphenyls ("PCBs"). The SVOC RR RSCO exceedances are typical for urban fill which is prevalent at the Site. The presence of remnant creosote-treated piles used to support the former MOSF tanks are also a potential contributor to the SVOC/Polycyclic Aromatic Hydrocarbons ("PAHs") concentrations. Exceedances of groundwater quality standards for VOCs (benzene, toluene, ethyl benzene and xylene ("BTEX")) and SVOCs (phenols; PAHs) were detected at the four temporary monitoring wells. Leaching from the creosote piles is a suspected contributor to the BTEX, phenol, and naphthalene ("PAH") groundwater standard exceedances. The reported concentrations for the soil and groundwater samples collected during the 2012 Parcel I investigation do not appear to be indicative of any potential release of No. 6 oil from the MOSF.

During 2013, six soil borings and two temporary monitoring wells were installed at Parcel IV. Of the 12 surface and subsurface soil samples collected, 8 had one or more SVOCs and 7 had metals exceeding the corresponding RR RSCOs. There were no RR RSCO exceedances for VOCs and PCBs. The soils encountered at Parcel IV consisted primarily of urban fill, and the analytical data were consistent with the chemical composition of urban fill. There were no exceedances of groundwater quality standards for VOCs, SVOCs, and PCBs. Filtered samples from the two wells exceeded the groundwater standards for two metals (magnesium and sodium). These exceedances are likely associated with the brackish, tidal East River (located a few feet west of the temporary wells). The soil and groundwater analytical data collected during the Parcel IV investigation do not appear to be indicative of any spills/leakage of chemicals or petroleum products associated with historic site activities.

Based on the results of the environmental investigations that Con Edison has undertaken with respect to the Site, remediation of soil and groundwater at the Site is not warranted. The soil exhibits qualities of urban fill that are typical of waterfront sites in New York City. Excavated soils generated during potential future site redevelopment should be characterized for disposition at a permitted waste disposal facility. Groundwater is not used for domestic consumption in the area. Although the potential risk to human health from vapor intrusion of VOCs in soil and groundwater is low, it would be prudent that a passive vapor barrier be incorporated into the design of any future residential structure that may be constructed at the Site.

Based on the foregoing analysis of environmental conditions associated with the Site conducted by EH&S, Law recommends that, to the extent possible, any agreement of purchase and sale include the following: (a) that purchaser takes the Site as-is and subject to all existing environmental conditions; (b) no representations and warranties from Con Edison regarding the Site's environmental condition and an acknowledgment that purchaser has independently evaluated the Site; and (c) a full indemnity and release from the purchaser for any environmental conditions.

cc: Andrea Schmitz
Mary Ellen Conlin
Peter Garam
David Brooks
Jeff Earle
Barry Cohen
David Rubin

SITE INVESTIGATION REPORT
NORTH FIRST STREET TERMINAL
PARCEL IV

BLOCK 2376, LOT 50
2 NORTH FIRST STREET
BROOKLYN, NEW YORK

Prepared for

Consolidated Edison Company of New York, Inc.
Long Island City, New York

Prepared by

Henningson, Durham & Richardson Architecture and Engineering, PC
in association with HDR Engineering, Inc.
Pearl River, NY

August 2013

SITE INVESTIGATION REPORT
NORTH FIRST STREET TERMINAL – PARCEL IV
BLOCK 2376, LOT 50
2 NORTH FIRST STREET
BROOKLYN, NEW YORK

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1. INTRODUCTION

Henningson, Durham and Richardson Architecture and Engineering, P.C. (HDR), on behalf of Consolidated Edison Company of New York, Inc. (Con Edison), has performed a subsurface investigation to assess subsurface conditions at the former North First Street Terminal (NFST) Parcel IV. The investigation was performed in accordance with the Site Investigation Work Plan, prepared by HDR and dated March 2013.

1.1 Site Overview

Parcel IV is located in Williamsburg, Brooklyn, Kings County, New York. A Site Location Map is included as Figure 1. Parcel IV is located in a predominately mixed residential, commercial and industrial community. In recent years, the manufacturing demographic has been replaced with mixed residential and commercial properties. The former NFST Tank Complexes A ("Parcel II") and B ("Parcel I") are located north of Parcel IV. The New York Power Authority (NYPA) Gas Turbine Generation Station is located to the east of Parcel IV. A small city park and the East River are located south of Parcel IV and the East River is to the west (Figure 2).

1.2 Regional Geology/Hydrogeology

The Site is in the Atlantic Coastal Plain physiographic province. This province is comprised of unconsolidated deposits including interbedded layers of sand, clay and marl as well as sedimentary rock. The marine deposits are Cretaceous and Quaternary in age. The stratified drift deposits are derived from glacial activity that occurred during the Pleistocene Epoch. The total thickness of the marine and glacial deposits in Kings County ranges from 0 feet in northwest Brooklyn to 1,100 feet thick in northeastern Brooklyn.

The topography of the area slopes to the west towards the East River. The elevation of the Site is approximately 11 to 15 feet above mean sea level (msl). The ground surface at the Site consists of vegetated sandy fill. The shallow deposits beneath the Site consist of a brown, medium to coarse grained sand with some silt and trace gravel. In general, the subsurface area beneath the Site consists of interbedded layers of sand, gravel, and clay and silt mixture to at least 75 feet below ground surface (bgs). Bedrock beneath the Site is greater than 75 feet bgs. The regional direction of groundwater flow beneath the Site is to the west, toward the East River.

1.3 Site History and Previous Investigations

In 1999, a Phase I ESA (H2M) identified several areas of environmental concern at the Site (former Pfizer property subsequently subdivided into NYPA and Parcel IV) as follows:

- Mycelium and sulfuric acid heating coil disposal, which apparently was remediated but no end point samples were collected
- A potential 550 gallon UST in the northern portion of the former Pfizer property
- Two elevated stainless steel tanks and residual material
- Suspected asbestos and lead containing paint materials, but reported in good condition
- Floor penetrations in south structure
- Containers of toxic or hazardous materials
- Soils impacted by historic Site usage

To investigate potential Recognized Environmental Conditions (RECs) identified on the former Pfizer property, Con Edison contracted HDR (formerly Lawler, Matusky, and Skelly Engineers) to conduct a Phase II Site Investigation. HDR advanced 5 borings on the former Pfizer property as shown in Figure 3, one of which (S-06) was in close proximity to Parcel IV. Analytical results from the 1999 limited Phase II investigation showed that two of the five borings (S-06 and S-09) had impacts of volatile organic compounds (VOCs) with concentrations exceeding NYSDEC Recommended Soil Cleanup Objectives (RSCOs) that were in effect at the time of the sampling. Concentrations of semi-volatile organic compounds (SVOCs) and metals were also detected above RSCOs in all borings except for S-08 where SVOCs were not detected above the RSCOs.

These areas of concern were either assessed in the Phase 2 Site Investigation (2000) or subsequently addressed during the construction of the NYPA peaking generation/substation facility. However, no documentation associated with the NYPA construction activities was reviewed to assess how the areas of concern were addressed.

2. SITE INVESTIGATION ACTIVITIES

2.1 Field Mobilization/Utility Clearance

Prior to HDR's mobilization to the Site to commence the investigation, Con Edison personnel m-scoped the project area to identify subsurface utilities that may interfere with the investigation. To complement this activity, HDR contracted a private utility mark-out contractor, Diversified Geophysics Inc. of Mineola, New York, to mark out utilities and other underground anomalies within the work area.

A utility clearance was conducted prior to implementing intrusive activities. The procedure entailed utility mark-outs in accordance with the NYS Code 753 process, obtaining and reviewing available Consolidated Edison utility drawings and an HDR field reconnaissance Site visit to verify, to the extent possible, the location of utilities relative to the planned intrusive locations. Aquifer Drilling and Testing, Inc. (ADT) of New Hyde Park, NY, the drilling subcontractor selected by HDR to perform the probe drilling, called in the Code 753 request to the New York State One Call center.

As an added precaution and in accordance with Con Edison's intrusive investigation procedures, the upper 5 feet at each soil boring location was excavated using non-mechanical methods to confirm the absence of utilities (soft dig). ADT was subcontracted to perform non-mechanical clearance. At each location, ADT utilized hand tools (posthole digger and digging bar), an air knife, a vactron or a combination of the three, to excavate to five feet.

2.2 Soil Borings

Six vertical soil borings (B1 through B6) were advanced to assess the subsurface conditions at Parcel IV. Borehole locations are shown on Figure 4 and information from the boreholes is summarized on Table 1. The objective of these borings was to physically characterize subsurface soil conditions and allow for the collection of soil samples for laboratory chemical analysis. Borings were spaced approximately 50 feet apart except at B4. At B4, the final location was offset approximately 4-6 feet to the south due to the presence of underground utilities located at the proposed borehole location. In an effort to collect accurate subsurface lithology and undisturbed soil samples, borings were off set 1-2 feet from the soft dig location. ADT was subcontracted by HDR to advance soil borings using direct push technology (DPT) drilling methods and tooling. All borings were advanced continuously in five-foot increments using a 2-inch diameter Macro-Core® barrel with dedicated PVC liners. Each borehole was

advanced to the water table. Two soils borings were advanced at each location to ensure an adequate volume of soil was available for sample collection and analysis. Each boring location was advanced to ten feet. At some borings, refusal was encountered at approximately 8 feet. Upon retrieval of the sampler, wood was observed in the shoe at each refusal location.

An HDR environmental scientist was on-Site during the drilling activities to log soils and collect soil samples for laboratory analyses. Soils collected from each boring were described in accordance with the Unified Soil Classification System (USCS). Boring logs of each of the boreholes are included in this Site Investigation report as Appendix A. A MultiRAE Plus portable gas monitor that includes an oxygen sensor, lower explosive level sensor, hydrogen sulfide sensor, carbon monoxide sensor and a photoionization detector (PID) was used to monitor subsurface soils and headspace of the boring holes. Samples were immediately screened with the MultiRAE to identify areas where volatile organic vapors and/or methane or possibly hydrogen sulfide may be present. Observations and field screening data from each boring were recorded on the boring logs (Appendix A). No PID readings were noted above background concentrations during soil screening. In addition, none of the other sensors detected concentrations above background conditions during the investigation.

Subsurface soils observed during the investigation were described as silty sand with lower compositions of debris such as brick or concrete. No physical evidence (i.e., staining or odors) of contamination was observed during this investigation. Depths to groundwater ranged from 5 to 7 feet bgs. The variation in depth to groundwater may be attributed to the Site's proximity to the East River and the changes in tidal elevation during the investigation activities.

2.2.1 Soil Sampling and Analyses

As part of investigation, six surface soil samples (0-0.5 feet bgs) and six subsurface samples with varying depths ranging from 4 to 7 feet bgs were collected. A summary of the analytical parameters collected is provided in Table 2.

On May 2, 2013, six surface samples (0-0.5 feet bgs) were collected and retained by the HDR Environmental Scientist for laboratory analysis. Additionally, a blind duplicate sample (B7) was also collected from the B2 borehole. Surface samples were collected using a stainless steel trowel. Surface soils were placed in a stainless steel bowl for homogenization before sample collection. Once homogenized, samples were transferred to laboratory-supplied glassware labeled with the appropriate information including sample identification number and depth; date and time; analytical parameters requested, as well as, field personnel who collected the samples.

Samples collected for VOCs were collected directly from the Macro-Core® liners using dedicated En Core® samplers. Samples were then placed in a cooler containing ice pending shipment to the laboratory for analysis. All non-dedicated sampling equipment was cleaned between sample locations using a non-phosphate detergent and potable water wash followed by a de-ionized water rinse.

On the following day (May 3, 2013), six subsurface samples were collected utilizing a Geoprobe® DT6610 drill rig to advance Macro-Core® samplers outfitted with dedicated PVC liners to ten feet bgs. Subsurface samples from each of the six boreholes were collected from the interval immediately above the saturated zone, ranging from 4 to 7 feet bgs depending on the borehole. Following documentation of the field screening with the MultiRAE Plus portable gas monitor and USCS descriptions, soil samples were transferred directly into laboratory-supplied glassware, labeled with the appropriate information including sample identification number and depth; date and time; and the analytical parameters requested, as well as the field personnel who collected the samples. Samples were then placed in a cooler containing ice pending shipment to the laboratory for analysis. Upon completion of each borehole, non-dedicated sampling equipment was cleaned with a non-phosphate detergent and potable water wash followed by a de-ionized water rinse. During borehole advancement, no drill cuttings were observed to be impacted by contaminants. Therefore, the cuttings were returned to the borehole from which they were generated.

Upon completion of each days field activities, samples were submitted under proper chain of custody protocol to TestAmerica Laboratories, Inc., Shelton, CT (TestAmerica), a New York State Department of Health (NYSDOH) certified laboratory, via a laboratory-provided courier. Soil samples submitted to the laboratory were analyzed for VOCs using EPA Method 8260B, SVOCs using EPA Method 8270C (base-neutral compounds only), Target Analyte List (TAL) metals via EPA Method 6010B, and polychlorinated biphenyls (PCBs) using EPA Method 8082. Additionally two representative samples (one surface and one sub-surface) were analyzed for pesticides following EPA Method 8081 as stated in the Parcel IV Work Plan.

2.3 Temporary Piezometer Installation

ADT installed two temporary piezometers at select locations within the footprint of Parcel IV in accordance with the work plan. These temporary piezometers were installed using DPT drilling methods and tooling. All borings were advanced continuously in five-foot increments using a 2-inch diameter Macro-Core® barrel with dedicated PVC liners. Each borehole was advanced into the water table. One piezometer was installed at borehole B2 and the other was installed at borehole B5. An HDR environmental scientist was on-Site during the drilling activities to

observe the installation process and to log the boreholes. Observations and field screening data from each boring was recorded on boring logs, which are included in Appendix A.

Upon reaching the termination depth for each borehole, a 10-foot length of 1-inch diameter polyvinyl chloride (PVC), 0.002 inch slot screen was placed in the borehole such that the screened section of each piezometer intersected the water table. Piezometer construction logs documenting the construction details are included as Appendix B and a summary of temporary piezometer construction details is provided on Table 3. Following installation of the temporary piezometers, the groundwater was allowed to equilibrate before sampling.

2.3.1 Groundwater Sampling and Analyses

As part of this Parcel IV subsurface investigation, one groundwater sample was collected from each of the two temporary piezometers. Dedicated ¼-inch inside diameter (ID) low density polyethylene (LDPE) tubing was placed into each temporary piezometer and connected to a variable speed peristaltic pump utilizing dedicated laboratory-grade silicone tubing. The piezometers were then purged of approximately 1 gallon (gal) of water in an effort to collect visually turbid free samples. Purged water was collected in a five gallon pail and was assessed using olfactory senses for potential VOC contaminant impacts for subsequent disposal.

Once visually turbid free conditions were reached, groundwater samples were collected directly into laboratory supplied glassware. Each container was then labeled with the appropriate sample identification number, parameters to be analyzed, date and time, as well as the field personnel who collected the samples. Sample containers were then placed in a cooler containing ice and sent under chain of custody protocol to TestAmerica via laboratory-provided courier.

Purge water was determined to be free of visible contamination (no free phase product or heavy sheen) and was then discharged back into the borehole from which it was purged following sample collection. Upon completion of ground water sampling, the temporary PVC piezometers were removed and the boreholes were filled with soils generated during drilling activities.

All groundwater samples were analyzed for VOCs using EPA Method 8260B, SVOCs using EPA Method 8270C (base-neutral compounds only), TAL metals via EPA Method 6010B, and PCBs using EPA Method 8082.

3. DISCUSSION OF ANALYTICAL RESULTS

3.1 Soil Boring Results

Analytical results obtained from the Parcel IV subsurface soil samples were compared to NYSDEC Part 375 Soil Cleanup Objectives (SCOs) including Unrestricted, Restricted Residential, Commercial, Industrial, and Protection of Groundwater SCOs. SVOCs and metals were also compared to the 98th percentile of background concentrations in Manhattan as calculated in the *Characterization of Soil Background PAH and Metal Concentrations,* March 24, 2007 by the RETEC Group Inc. (RETEC). Based on the results of the laboratory analyses of the 12 samples, the soils across the Site generally appear consistent with urban fill typical at waterfront sites. Some exceedances of certain end use SCOs and Protection of Groundwater SCOs are reported. A summary of the number of soil samples/locations with SCO exceedances is presented in the following table.

Sample Parameter	No. of Soil Samples Collected	Unrestricted Use SCO	Restricted Residential Use SCO	Commercial Use SCO	Industrial Use SCO	Protection of Groundwater SCO
VOCs	12	1	0	0	0	1
SVOCs	12	8	8	6	6	6
Pesticides	2	1	0	0	0	0
PCBs	12	0	0	0	0	0
Metals	12	11	7	5	3	7

Figures 5 through 7 show the locations with exceedances of the Unrestricted, Restricted Residential, Commercial, Industrial, and Protection of Groundwater SCOs. In reviewing the exceedances, the sample analytical results are within the same order of magnitude or are one order of magnitude higher than their respective SCOs. A summary of the analytical results with comparison to the land use SCOs is presented in Table 4. Table 5 provides a summary of the analytical results in comparison to the Protection of Groundwater SCOs. Table 6 provides a summary of SVOC and metals as compared to the 98th percentile of background concentrations in Manhattan as calculated in the *Characterization of Soil Background PAH and Metal Concentrations*, March 24, 2007 by RETEC.

3.1.1 Surface Soil Sample Results

Five out of the six surface soil samples collected were reported to have concentrations above Part 375 Unrestricted Use and Restricted Residential Use SCOs. For Unrestricted Use, one sample contained VOC exceedances, five samples contained SVOC exceedances, five samples contained metal exceedances, and one sample exceeded for one pesticide compound. With respect to Restricted Residential SCOs, five samples contained SVOC exceedances and two samples contained metal exceedances.

No VOCs were detected at concentrations in excess of their respective SCOs in any of the surface soil samples.

Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were the only SVOCs detected at concentrations above their respective Restricted Residential Use SCOs in the surface samples (benzo(k)fluoranthene and chrysene exceeded their Unrestricted Use SCOs). Concentrations of benzo(a)anthracene were detected at 1,300 ug/kg in B3, 2,300 ug/kg in B4, and 1,400 in B5; benzo(a)pyrene concentrations were detected at 1,200 ug/kg in B3, 2,500 ug/kg in B4, and 1,400 ug/kg in B5; and benzo(b)fluoranthene concentrations were detected at 1,500 ug/kg in B3, 2,800 ug/kg in B4, and 1,700 ug/kg in B5; and dibenzo(a,h)anthracene concentrations as detected at 540 ug/kg in B4. The only other PAH that was detected in surface samples at a concentration above its Unrestricted and Restricted Residential Use SCO was indeno(1,2,3-cd)pyrene. It was detected at concentrations above the SCO of 500 ug/kg in five of the six surface soil samples (B1, B2, B3, B4, and B5) at concentrations up to 2,200 ug/kg (in B4). The following table provides a summary of the SVOC Restricted Residential RSCO exceedances in the surface soil samples.

Compound	Restricted Residential Use SCO (ug/kg)	Number of Restricted Residential Use SCO Exceedances	High Concentration (ug/kg)	Location of High Concentration
benzo(a)anthracene	1,000	3	2,300	B4 (0-0.5)
benzo(a)pyrene	1,000	3	2,500	B4 (0-0.5)
benzo(b)fluoranthene	1,000	3	2,800	B4 (0-0.5)
dibenzo(a,h)anthracene	330	1	460	B4 (0-0.5)
indeno(1,2,3-cd)pyrene	500	5	2,200	B4 (0-0.5)

Concentrations of six metals (arsenic, chromium, copper, lead, mercury, and zinc) exceeded their Unrestricted Use SCOs in surface soils, while two metals (arsenic and mercury) also exceeded their respective Restricted Residential Use SCOs in the surface samples. Arsenic was detected in one sample, B4 (0–0.5) at 34.9 mg/kg above the Restricted Residential Use SCO of 16 mg/kg. Mercury was the only other metal detected in surface samples at concentrations above Restricted Residential Use SCO. It was detected in B2 (0–0.5) at 0.82 mg/kg and 0.91 mg/kg in the duplicate sample, above the 0.81 mg/kg Restricted Residential Use SCO. Both the arsenic and mercury exceedances are on the same order of magnitude as their respective Restricted Residential Use SCOs.

No pesticides or PCBs were detected above the Restricted Residential Use SCO in any of the surface samples collected. The pesticide 4,4'-DDT was detected above its Unrestricted Use SCO of 3.3 ug.kg in sample B2(0-0.5) at an estimated concentration of 4.2 ug/kg.

It should be noted that in accordance with the Quality Assurance Project Plan (QAPP), one blind duplicate sample was also collected during the advancement of the surface samples. Analytical results from sample B7 (0-0.5) [duplicate of B2 (0-0.5)] were consistent with the sampling results from B2 (0-0.5). This suggests that laboratory analytical procedures are reproducible and the sample collection process is consistent.

Based on the analytical data summarized above, the surface sample that appears to be most impacted was collected at B4 (0–0.5). Analytical results show B4 had the greatest concentrations of the compounds detected with the most SVOC and metals that exceeded their respective Unrestricted Use and Restricted Residential Use SCOs.

With respect to comparison of surface soil samples to the Protection of Groundwater SCOs, one VOC, three SVOCs, and two metals were reported at concentrations that exceed the SCO for surface soil samples. Acetone exceeded the Protection of Groundwater SCO (50 ug/kg) in one sample [B1 (0 – 0.5)], with a concentration of 76 ug/kg. However, it should be noted that acetone was also detected in laboratory blank. Therefore, the concentration that was reported may not be indicative of Site conditions. The three SVOCs that exceeded the Protection of Groundwater SCOs in the surface samples were benzo(a)anthracene, benzo(b)fluoranthene, and chrysene. These exceedances were noted in boreholes B3, B4, and B5. Benzo(a)anthracene and chrysene were detected in three of the six surface samples above their respective Protection of Groundwater SCOs. Concentrations of benzo(a)anthracene ranged from 1,300 ug/kg (B3) to 2,300 ug/kg (B4). Concentrations of chrysene ranged from 1,400 ug/kg (B3) to 2,500 ug/kg (B4). Benzo(b)fluoranthene was detected in one (B4) of the six samples collected at a

concentration of 2,800 ug/kg, above its respective Protection of Groundwater SCO. Surface samples collected from B2 and B4 exceeded applicable Protection of Groundwater SCOs for arsenic (B4) and mercury (B2). Arsenic was detected at 34.9 mg/kg whereas mercury was detected at 0.82 mg/kg. Both of these sample concentrations are on the same order of magnitude as the respective SCOs (arsenic at 16 mg/kg and mercury at 0.73 mg/kg).

Select SVOC and metals from surface soils samples were also compared to background PAH and metal concentrations in Manhattan soils in combination with the Unrestricted Use and Restricted Residential Use SCOs. Surface samples from one location exceeded Manhattan background levels for two SVOC compounds, benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene, and one metal compound (arsenic). All exceedances for these compounds were the same order of magnitude as their respective SCOs or background concentration.

3.1.2 Subsurface Soil Sample Results

Results of the subsurface sample analyses show exceedances of the Unrestricted Use SCOs at all six subsurface sampling locations, and Restricted Residential Use SCOs at five of six locations (no Restricted Residential exceedances were detected in the sample collected from borehole B3). Acetone was the only VOC detected during subsurface sampling. It was detected in five of the six samples collected with concentrations ranging from 4.2 ug/kg to 16 ug/kg, but it did not exceed the Unrestricted Use and Restricted Residential Use SCOs. However, it should be noted that acetone was also detected in the laboratory blank. Therefore, the reported concentrations may not be indicative of Site conditions.

Regarding the subsurface samples, three of six samples have SVOC concentrations exceeding the Unrestricted Use and Restricted Residential Use SCOs. The SVOCs with concentrations exceeding these SCOs are PAHs, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene (Unrestricted only), benzo(b)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene. In general, the concentrations of these compounds were the same order of magnitude as the respective Unrestricted Use and Restrictive Residential Use SCOs, with the exception of benzo(k)fluoranthene and indeno(1,2,3-cd)pyrene, which were one order of magnitude above the Unrestricted Use and Restricted Residential Use SCOs, respectively. The sample collected from B5 (5–6.5) appears to have the highest detected concentrations of SVOCs. A summary of the SVOC concentrations that exceed the Restrictive Residential Use SCOs is provided in the following table.

Compound	Restricted Residential Use SCO (ug/kg)	Number of Restricted Residential Use SCO Exceedances	High Concentration (ug/kg)	Location of High Concentration
benzo(a)anthracene	1,000	3	4,400	B5 (5 – 6.5)
benzo(a)pyrene	1,000	3	5,000	B5 (5 – 6.5)
benzo(b)fluoranthene	1,000	3	7,000	B5 (5 – 6.5)
chrysene	3,900	3	5,600	B5 (5 – 6.5)
dibenz(a,h)anthracene	330	3	610	B5 (5 – 6.5)
indeno(1,2,3-cd)pyrene	500	3	2,100	B1 (4.5 – 6.0)

Metal concentrations exceeded the Restricted Residential Use SCOs in five of the six subsurface samples; all six samples had Unrestricted Use SCO exceedances. Arsenic, copper, lead, mercury, and selenium all have concentrations that exceeded their respective Restricted Residential SCOs. Arsenic, selenium and lead are the same order of magnitude as their respective Restricted Residential SCOs, whereas copper and mercury were the same order or were one order of magnitude above cleanup objectives. A summary of the metal concentrations that exceed the Restrictive Residential Use SCOs is provided in the following table.

Metal	Restricted Residential Use SCO (mg/kg)	Number of Restricted Residential Use SCO Exceedances	High Concentration (mg/kg)	Location of High Concentration
Arsenic	16	2	48.1	B4 (5-6.5)
Copper	270	2	2,300	B3 (4.5-6)
Lead	400	3	645	B6 (5-6.5)
Mercury	0.81	3	1.3	B3 (4.5-6)
Selenium	310	1	883	B5 (5-6.5)

PCBs and pesticides were not detected at concentrations exceeding the Unrestricted Use or Restricted Residential Use SCOs in any of the samples analyzed. However, pesticides were only analyzed from the B2 (5-7) subsurface sample.

For the subsurface samples, the Protection of Groundwater SCOs were exceeded for SVOCs and metals. No exceedances of the Protection of Groundwater SCOs were reported for VOCs, pesticides or PCBs. Samples with SVOC exceedances include B1 (4.5–6.0), B5 (5–6.5), and B6 (5-6.5) where benzo(a)anthracene, benzo(b)fluoranthene, and chrysene exceeded their respective

SCOs. The sample collected from B5 (5–6.5) also had an exceedance for benzo(k)fluoranthene. Metals that exceeded the Protection of Groundwater SCOs were detected in five of the six samples collected and include arsenic (samples collected from B4 and B6), copper (sample from B3), lead (sample from B6), mercury (samples from B1, B3, and B6), and selenium (sample from B5).

Select SVOC and metal analytes from sub-surface soils samples were also compared to background PAH and metal concentrations in Manhattan soils in combination with the Unrestricted Use and Restricted Residential Use SCOs. Three of the six subsurface samples (B1, B5, and B6) had SVOC concentrations including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene that exceeded all three criteria. Five of the six subsurface samples (all but B3) contained metals with concentrations exceeding the criteria. These metals include arsenic in the B4 and B6 samples, nickel in the B1 and B2 samples, and selenium in the B5 sample. These exceedances were the same order as, or were one order of magnitude above the respective SCOs.

3.2 Groundwater Results

To assess the groundwater beneath Parcel IV, two temporary piezometers were installed and groundwater samples were collected and analyzed. The analytical results from the two temporary wells indicate there was only one VOC (chloroform) detected in the two groundwater samples. However, the chloroform concentrations were below the TOGS GWQS. There were no detectable concentrations of SVOCs or PCBs in the two groundwater samples.

The groundwater results indicate that six metals were detected in unfiltered Site groundwater above applicable TOGS 1.1.1 GWQS or guidance values including iron, lead, magnesium, manganese, sodium, and mercury. Analytical results also suggest that Site groundwater has been impacted by metals typically associated with urban fill prevalent at waterfront sites. Metals concentrations also show the effect of the brackish East River water as supported with the potassium, magnesium and sodium concentrations.

It should be noted that along with the standard (unfiltered) metals analysis, samples for dissolved metals were also analyzed. Five metal compounds (barium, calcium, magnesium, potassium, and sodium) were detected in the two filtered samples, two of which (magnesium and sodium) exceeded TOGs 1.1.1 standards (35,000 ug/l and 20,000 ug/l, respectively). It should also be noted that temporary piezometers B2 and B5 were located in close proximity (a few feet to the east) to the tidal East River, which is adjacent to Parcel IV. Dissolved concentrations of magnesium were 645,000 ug/l in the B2 sample and 815,000 ug/l in the B5 sample. Sodium

concentrations were 4,930,000 ug/l in the B2 sample and 6,090,000 ug/l in the B5 sample. All other metals that were detected in the standard (unfiltered) metal analysis exceeding TOGS criteria (iron, lead, manganese, and mercury) were not detected in the dissolved (filtered) metals samples.

Although the above metals are in exceedance of their respective TOGS 1.1.1 groundwater standard and guidance values, their presence is not indicative of a significant impact associated with historic use of Parcel IV. It is also noteworthy that groundwater at and in the Site vicinity is not used as a potable drinking water source.

4. CONCLUSIONS

The soils encountered during this investigation primarily consist (as anticipated) of urban fill. The sample analytical data for VOCs, SVOCs, pesticides, PCBs and metals are generally consistent with the chemical composition of urban fill. With a few exceptions, the exceedances are within the same order of magnitude as Part 375 Unrestricted Use and Restricted Residential Use SCOs. Based on the analytical data and field measurements and observations, there is no apparent indication of impacts to soil or groundwater attributable to spills/leakage of chemicals or petroleum products from tanks, ancillary piping, accidental discharges or other historical activities that may have occurred on-Site or at nearby properties. Based on the collected Site data, the surface soil sample at the B4 location had the highest surface SVOC and metals concentrations and the subsurface soils at B5 were shown to have the highest subsurface SVOC and metals concentrations.

Contaminants of concern associated with the upgradient Fyn Paint property (acetone, toluene, and ethyl benzene) were not evident in the Parcel IV subsurface soil samples. Only one VOC (chloroform at a low concentration) was detected in the two Parcel IV groundwater samples.

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Tables

Table 1
BOREHOLE SUMMARY
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
B1	Fill: V.F. SAND little silt, coarse sand, trace brick, concrete (0 - 10')	10.0	7.0	ND	--	
B2	Fill: V.F. SAND little silt, brick, asphalt, concrete, trace slag (0 - 10')	10.0	7.0	ND	--	
B3	Fill: V.F. SAND little silt trace brick, wood, concrete (0-6') V. F. SAND and silt (6' - 8') F. GRAVEL some C. sand, little silt (8' - 10')	10.0	6.0	ND	--	
B4	Fill: V. F. SAND, little silt, trace brick, coarse sand (0 - 6') V.F. to F. SAND, some silt, trace gravel (6' - 10')	10.0	5.0	ND	--	
B5	Fill: V. F. SAND some silt, little coarse sand, gravel, trace concrete and brick (0 - 5.5') F. to M. SAND, little silt (5.5' - 10')	10.0	6.5	ND	--	Thin green silty sand at 6.7'
B6	Fill: F. to M. SAND little silt, cobbles, trace brick, gravel, concrete (0 - 4') Fill: M. to C. SAND, little gravel, brick, concrete, trace silt (4' - 10')	10.0	6.5	ND	--	

Table 2

SAMPLE SUMMARY
SITE INVESTIGATION REPORT - PARCEL IV
BLOCK 2376, LOT 50
BROOKLYN, NEW YORK

Boring Number	Location	VOC	SVOC	Metals	Pesticides	PCBs
B1	Surface	X	X	X		X
	Subsurface	X	X	X		X
B2	Surface	X	X	X	X	X
	Subsurface	X	X	X	X	X
B3	Surface	X	X	X		X
	Subsurface	X	X	X		X
B4	Surface	X	X	X		X
	Subsurface	X	X	X		X
B5	Surface	X	X	X		X
	Subsurface	X	X	X		X
B6	Surface	X	X	X		X
	Subsurface	X	X	X		X
B2	(GW)*	X	X	X		X
B5	(GW)*	X	X	X		X

* - Metals were collected and analyzed for total and dissolved metals

Table 3
TEMPORARY PIEZOMETER CONSTRUCTION SUMMARY
SITE INVESTIGATION REPORT - Parcel IV
BLOCK 2376, LOT 50
BROOKLYN, NEW YORK

Piezometer Number	Date Installed	Date Sampled	Date Removed	Well Diameter (in.)	Riser Material	Screen Material	Total Well Depth (ft. bgs)	Riser Interval	Screened Interval
Parcel IV									
B2	5/3/2013	5/3/2013	5/3/2013	1	N/A	0.020" Slot PVC	10	N/A	0-10
B5	5/3/2013	5/3/2013	5/3/2013	1	N/A	0.020" Slot PVC	10	N/A	0-10

Table 4
SOIL ANALYTICAL RESULTS vs. PART 375 SOIL CLEANUP OBJECTIVES (SCOs)
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Sample ID **Sample Date**	Unrestricted Use SCO	Restricted Residential Use SCO	Commercial Use SCO	Industrial Use SCO	**B1 (0-0.5)** **5/2/2013**	**B2 (0-0.5)** **5/2/2013**	**B7 (0-0.5) Dup of B2** **5/2/2013**	**B3 (0-0.5)** **5/2/2013**	**B4 (0-0.5)** **5/2/2013**	**B5 (0-0.5)** **5/2/2013**	**B6 (0-0.5)** **5/2/2013**
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	100,000	500,000	1,000,000	76 B	*ND*	3.7 JB	*ND*	*ND*	*ND*	*ND*
Benzene	60	4,800	44,000	89,000	*ND*	0.47 J	*ND*	*ND*	*ND*	*ND*	*ND*
Chloroform	370	49,000	350,000	700,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Ethylbenzene	1,000	41,000	390,000	780,000	1.3	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Methyl Ethyl Ketone	120	100,000	500,000	1,000,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Methylene Chloride	50	100,000	500,000	1,000,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
n-Propylbenzene	3,900	100,000	500,000	1,000,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
sec-Butylbenzene	11,000	100,000	500,000	1,000,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Tetrachloroethene	1,300	19,000	150,000	300,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Toluene	700	100,000	500,000	1,000,000	*ND*	0.23 J	*ND*	*ND*	*ND*	*ND*	*ND*
Total Xylenes	260	100,000	500,000	1,000,000	8.1	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	20,000	100,000	500,000	1,000,000	64 J	110 J	*ND*	62 J	280 J	68 J	*ND*
Acenaphthylene	100,000	100,000	500,000	1,000,000	120 J	*ND*	*ND*	93 J	*ND*	98 J	*ND*
Anthracene	100,000	100,000	500,000	1,000,000	180 J	230 J	200 J	300 J	870	340 J	83 J
Benzo(a)anthracene	1,000	1,000	5,600	11,000	840	730	710	1,300	2,300	1,400	400
Benzo(a)pyrene	1,000	1,000	1,000	1,100	930	690	670	1,200	2,500	1,400	360
Benzo(b)fluoranthene	1,000	1,000	5,600	11,000	990	770	780	1,500	2,800	1,700	360
Benzo(g,h,i)perylene	100,000	100,000	500,000	1,000,000	910	570 J	240 J	390	2,000	470	120 J
Benzo(k)fluoranthene	800	3,900	56,000	110,000	390	300	350	540	940	620	180
Bis(2-ethylhexyl) phthalate	NS	NS	NS	NS	*ND*	*ND*	*ND*	170 J	200 J	*ND*	*ND*
Carbazole	NS	NS	NS	NS	79 J	110 J	82 J	84 J	160 J	94 J	43 J
Chrysene	1,000	3,900	56,000	110,000	890	750	820	1,400	2,500	1,500	410
Dibenz(a,h) anthracene	330	330	560	1,100	230	120	140	140	460	160	*ND*
Dibenzofuran	7,000	59,000	350,000	1,000,000	48 J	*ND*	*ND*	45 J	140 J	52 J	*ND*
Fluoranthene	100,000	100,000	500,000	1,000,000	1,900	1,700	980	1,500	6,300	1,800	450
Flourene	30,000	100,000	500,000	1,000,000	94 J	*ND*	*ND*	60 J	220 J	51 J	*ND*
Indeno(1,2,3-cd)pyrene	500	500	5,600	11,000	920	560	320	550	2,200	550	160
2-Methylnapthalene	NS	NS	NS	NS	410	*ND*	*ND*	*ND*	49 J	75 J	*ND*
Naphthalene	12,000	100,000	500,000	1,000,000	260 J	*ND*	*ND*	52 J	64 J	87 J	*ND*
Phenanthrene	100,000	100,000	500,000	1,000,000	740	970	650 J	1,000	3,500	1,100	390
Pyrene	100,000	100,000	500,000	1,000,000	990	880	1,200	2,400	3,900	2,500	750
Pesticides (ug/kg)											
4,4'-DDD	3.3	13,000	92,000	180,000	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
4,4'-DDE	3.3	8,900	62,000	120,000	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
4,4'-DDT	3.3	7,900	47,000	94,000	*NC*	4.2 J	*NC*	*NC*	*NC*	*NC*	*NC*
alpha-BHC	20	480	3,400	6,800	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
alpha-Chlordane	94	4,200	24,000	47,000	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
Dieldrin	5	200	1,400	2,800	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
Endrin	14	11,000	89,000	410,000	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
Heptachlor	42	2,100	15,000	29,000	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*

Table 4
SOIL ANALYTICAL RESULTS vs. PART 375 SOIL CLEANUP OBJECTIVES (SCOs)
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Sample ID **Sample Date**	Unrestricted Use SCO	Restricted Residential Use SCO	Commercial Use SCO	Industrial Use SCO	**B1 (4.5-6.0)** **5/3/2013**	**B2 (5-7)** **5/3/2013**	**B3 (4.5-6)** **5/3/2013**	**B4 (5-6.5)** **5/3/2013**	**B5 (5-6.5)** **5/3/2013**	**B6 (5-6.5)** **5/3/2013**
Volatile Organic Compounds (VOCs) (ug/kg)										
Acetone	50	100,000	500,000	1,000,000	4.7 JB	6.4 JB	4.2 JB	*ND*	13 JB	16 B
Benzene	60	4,800	44,000	89,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Chloroform	370	49,000	350,000	700,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Ethylbenzene	1,000	41,000	390,000	780,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Methyl Ethyl Ketone	120	100,000	500,000	1,000,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Methylene Chloride	50	100,000	500,000	1,000,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
n-Propylbenzene	3,900	100,000	500,000	1,000,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
sec-Butylbenzene	11,000	100,000	500,000	1,000,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Tetrachloroethene	1,300	19,000	150,000	300,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Toluene	700	100,000	500,000	1,000,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Total Xylenes	260	100,000	500,000	1,000,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)										
Acenaphthene	20,000	100,000	500,000	1,000,000	930	*ND*	*ND*	84 J	350 J	270 J
Acenaphthylene	100,000	100,000	500,000	1,000,000	*ND*	*ND*	*ND*	*ND*	890 J	160 J
Anthracene	100,000	100,000	500,000	1,000,000	2,000	140 J	*ND*	190 J	1,400 J	870
Benzo(a)anthracene	1,000	1,000	5,600	11,000	4,200	530	110	660	4,400	3,000
Benzo(a)pyrene	1,000	1,000	1,000	1,100	3,600	520	84	620	5,000	3,000
Benzo(b)fluoranthene	1,000	1,000	5,600	11,000	4,200	610	140	750	7,000	2,800
Benzo(g,h,i)perylene	100,000	100,000	500,000	1,000,000	1,800	250 J	45 J	280 J	1,200 J	1,500
Benzo(k)fluoranthene	800	3,900	56,000	110,000	1,700	210	33 J	240	2,000	1,000
Bis(2-ethylhexyl) phthalate	NS	NS	NS	NS	490 J	*ND*	*ND*	*ND*	*ND*	*ND*
Carbazole	NS	NS	NS	NS	490 J	48	*ND*	74 J	370 J	350 J
Chrysene	1,000	3,900	56,000	110,000	4,900	550	96 J	720	5,600	4,500
Dibenz(a,h) anthracene	330	330	560	1,100	540	52	*ND*	79	610	560
Dibenzofuran	7,000	59,000	350,000	1,000,000	390 J	*ND*	*ND*	62 J	310 J	210 J
Fluoranthene	100,000	100,000	500,000	1,000,000	6,400	800	110 J	910	4,100	3,600
Flourene	30,000	100,000	500,000	1,000,000	660 J	*ND*	*ND*	55 J	370 J	210 J
Indeno(1,2,3-cd)pyrene	500	500	5,600	11,000	2,100	290	45	320	1,500	1,100
2-Methylnapthalene	NS	NS	NS	NS	380 J	*ND*	*ND*	*ND*	380 J	610 J
Naphthalene	12,000	100,000	500,000	1,000,000	170 J	*ND*	*ND*	45 J	270 J	390 J
Phenanthrene	100,000	100,000	500,000	1,000,000	10,000	680	67 J	860	4,700	5,100
Pyrene	100,000	100,000	500,000	1,000,000	12,000	1,500	190 J	1,900	5,600	5,200
Pesticides (ug/kg)										
4,4'-DDD	3.3	13,000	92,000	180,000	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
4,4'-DDE	3.3	8,900	62,000	120,000	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
4,4'-DDT	3.3	7,900	47,000	94,000	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
alpha-BHC	20	480	3,400	6,800	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
alpha-Chlordane	94	4,200	24,000	47,000	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
Dieldrin	5	200	1,400	2,800	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
Endrin	14	11,000	89,000	410,000	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
Heptachlor	42	2,100	15,000	29,000	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*

Table 4
SOIL ANALYTICAL RESULTS vs. PART 375 SOIL CLEANUP OBJECTIVES (SCOs)
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Sample ID **Sample Date**	Unrestricted Use SCO	Restricted Residential Use SCO	Commercial Use SCO	Industrial Use SCO	**B1 (0-0.5)** **5/2/2013**	**B2 (0-0.5)** **5/2/2013**	**B7 (0-0.5) Dup of B2** **5/2/2013**	**B3 (0-0.5)** **5/2/2013**	**B4 (0-0.5)** **5/2/2013**	**B5 (0-0.5)** **5/2/2013**	**B6 (0-0.5)** **5/2/2013**
PCBs (ug/kg)											
Aroclor 1254	NS	NS	NS	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Aroclor 1260	NS	NS	NS	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Total PCBs	100	1000	1000	2500	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Metals (mg/kg)											
Aluminum	NS	NS	NS	NS	5,810	5,630	5,940	6,030	5,760	6,050	2,590
Antimony	NS	NS	NS	NS	*ND*	1.2 J	*ND*	*ND*	*ND*	*ND*	*ND*
Arsenic	13	16	16	16	11.8	4.9	5.4	5.2	34.9	8.9	3.2
Barium	350	400	400	10,000	115	97.2	101	97.1	190	115	28.5 J
Beryllium	7.2	72	590	2,700	0.32 J	0.31 J	0.29 J	0.31 J	0.35 J	0.37 J	0.27 J
Cadmium	2.5	4	9	60	0.31 J	0.36 J	0.59 J	0.35 J	0.46 J	0.3 J	*ND*
Calcium	NS	NS	NS	NS	14,700	19,100	23,600	26,500	10,300	6,780	3,680
Chromium	30	180	1,500	6,800	20.0	18.1	17.5	17.4	31.3	22.0	9.9
Cobalt	NS	NS	NS	NS	5.4 J	4.9 J	4.8 J	5 J	5.5 J	6.7 J	3.8
Copper	50	270	270	10,000	53.4	47.1	72.5	48.6	99.9	74.6	19.1
Iron	NS	NS	NS	NS	16,100	17,000	14,000	14,700	18,700	23,100	9,470
Lead	63	400	1,000	3,900	201	192	176	204	308	288	62.7
Magnesium	NS	NS	NS	NS	3,050	3,380	3,680	3,750	2,420	2,520	1,190
Manganese	1,600	2,000	10,000	10,000	241	236	218	243	284	391	118
Mercury	0.18	0.81	2.8	5.7	0.41	0.82	0.91	0.62	0.59	0.47	0.15
Nickel	30	310	310	10,000	16.3	16.9	17.5	16.1	19.8	18.7	9.1
Potassium	NS	NS	NS	NS	874 J	1010	1190	1000	911 J	1050	739 J
Selenium	3.9	310	310	10,000	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Silver	2	180	1,500	6,800	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Sodium	NS	NS	NS	NS	223 J	184 J	171 J	257 J	267 J	194 J	*ND*
Thallium	NS	NS	NS	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Vanadium	NS	NS	NS	NS	26.6	28.6	25.5	21.8	29	28.9	11.2
Zinc	109	10,000	10,000	10,000	163	185	159	206	206	170	69.9

Table 4
SOIL ANALYTICAL RESULTS vs. PART 375 SOIL CLEANUP OBJECTIVES (SCOs)
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Sample ID **Sample Date**	Unrestricted Use SCO	Restricted Residential Use SCO	Commercial Use SCO	Industrial Use SCO	**B1 (4.5-6.0)** **5/3/2013**	**B2 (5-7)** **5/3/2013**	**B3 (4.5-6)** **5/3/2013**	**B4 (5-6.5)** **5/3/2013**	**B5 (5-6.5)** **5/3/2013**	**B6 (5-6.5)** **5/3/2013**
PCBs (ug/kg)										
Aroclor 1254	NS	NS	NS	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Aroclor 1260	NS	NS	NS	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Total PCBs	100	1000	1000	2500	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Metals (mg/kg)										
Aluminum	NS	NS	NS	NS	6,640	5,600	1,010	6,310	3,690	5,000
Antimony	NS	NS	NS	NS	*ND*	6.6	*ND*	*ND*	*ND*	*ND*
Arsenic	13	16	16	16	15.7	*ND*	2.5	48.1	10.8	22.8
Barium	350	400	400	10,000	120	65.6	172	69.6	107	265
Beryllium	7.2	72	590	2,700	0.42 J	0.27 J	*ND*	0.37 J	0.31 J	0.39 J
Cadmium	2.5	4	9	60	1.7	0.44 J	*ND*	*ND*	0.25 J	0.54 J
Calcium	NS	NS	NS	NS	4,820	4,220	8,960	1,540	43,300	7,720
Chromium	30	180	1,500	6,800	23.9	14.9	4.9	15.8	22.9	17.5
Cobalt	NS	NS	NS	NS	8.6 J	9.5 J	12.6	6	5 J	7.7 J
Copper	50	270	270	10,000	120	40.5	2300	42.7	992	116
Iron	NS	NS	NS	NS	18,600	14,600	*ND*	19,100	11,700	33,300
Lead	63	400	1,000	3,900	428	157	426	267	288	645
Magnesium	NS	NS	NS	NS	5,500	3,310	501 J	2,090	19,400	1,690
Manganese	1,600	2,000	10,000	10,000	355	240	17.8	242	156	210
Mercury	0.18	0.81	2.8	5.7	1.2	0.48	1.3	0.33	0.48	0.85
Nickel	30	310	310	10,000	59	38.9	5.7	11.3	28.4	20.2
Potassium	NS	NS	NS	NS	1590	1130	434 J	1340	669 J	646 J
Selenium	3.9	310	310	10,000	*ND*	*ND*	*ND*	*ND*	883 J	*ND*
Silver	2	180	1,500	6,800	*ND*	*ND*	0.4 J	*ND*	*ND*	*ND*
Sodium	NS	NS	NS	NS	1240	523 J	1610	575 J	*ND*	392 J
Thallium	NS	NS	NS	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Vanadium	NS	NS	NS	NS	50.8	20.1	21.2	24.8	17.9	17.5
Zinc	109	10,000	10,000	10,000	567	278	12.1	46.2	185	475

Notes:
Highlighted cells indicate exceedances of NYSDEC Part 375 Tables 375-6.8(a) and 375-6.8(b) Soil Cleanup Objectives (SCO)
GV - Indicates guidance value from NYSDEC CP-51 Supplemental Soil Cleanup Objectives.
ND - compound was not detected at the MDL.
J - Indicates an estimated value.
B - The analyte was found in an associated blank, as well as in the sample.
P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 5
SOIL ANALYTICAL RESULTS vs. PART 375 PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES (SCOs)
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Sample ID **Sample Date**	Protection of Groundwater SCO	**B1 (0-0.5)** **5/2/2013**	**B2 (0-0.5)** **5/2/2013**	**B7 (0-0.5) Dup of B2** **5/2/2013**	**B3 (0-0.5)** **5/2/2013**	**B4 (0-0.5)** **5/2/2013**	**B5 (0-0.5)** **5/2/2013**	**B6 (0-0.5)** **5/2/2013**
Volatile Organic Compounds (VOCs) (ug/kg)								
Acetone	50	76 B	ND	3.7 JB	ND	ND	ND	ND
Benzene	60	ND	0.47 J	ND	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	1.3	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3,900	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11,000	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND
Toluene	700	ND	0.23 J	ND	ND	ND	ND	ND
Total Xylenes	1,600	8.1	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)								
Acenaphthene	98,000	64 J	110 J	ND	62 J	280 J	68 J	ND
Acenaphthylene	107,000	120 J	ND	ND	93 J	ND	98 J	ND
Anthracene	1,000,000	180 J	230 J	200 J	300 J	870	340 J	83 J
Benzo(a)anthracene	1,000	840	730	710	1300	2300	1400	400
Benzo(a)pyrene	22,000	930	690	670	1200	2500	1400	360
Benzo(b)fluoranthene	1,700	990	770	780	1500	2800	1700	360
Benzo(g,h,i)perylene	1,000,000	910	570 J	240 J	390	2000	470	120 J
Benzo(k)fluoranthene	1,700	390	300	350	540	940	620	180
Bis(2-ethylhexyl) phthalate	435,000 GV	ND	ND	ND	170 J	200 J	ND	ND
Carbazole	NS	79 J	110 J	82 J	84 J	160 J	94 J	43 J
Chrysene	1,000	890	750	820	1400	2500	1500	410
Dibenz(a,h) anthracene	1,000,000	230	120	140	140	460	160	ND
Dibenzofuran	210,000	48 J	ND	ND	45 J	140 J	52 J	ND
Fluoranthene	1,000,000	1,900	1,700	980	1,500	6,300	1,800	450
Flourene	386,000	94 J	ND	ND	60 J	220 J	51 J	ND
Indeno(1,2,3-cd)pyrene	8,200	920	560	320	550	2200	550	160
2-Methylnapthalene	36,400 GV	410	ND	ND	ND	49 J	75 J	ND
Naphthalene	12,000	260 J	ND	ND	52 J	64 J	87 J	ND
Phenanthrene	1,000,000	740	970	650 J	1000	3500	1100	390
Pyrene	1,000,000	990	880	1200	2400	3900	2500	750
Pesticides (ug/kg)								
4,4'-DDD	14,000	NC	ND	NC	NC	NC	NC	NC
4,4'-DDE	17,000	NC	ND	NC	NC	NC	NC	NC
4,4'-DDT	136,000	NC	4.2 J	NC	NC	NC	NC	NC
alpha-BHC	20	NC	ND	NC	NC	NC	NC	NC
alpha-Chlordane	2,900	NC	ND	NC	NC	NC	NC	NC
Dieldrin	100	NC	ND	NC	NC	NC	NC	NC
Endrin	60	NC	ND	NC	NC	NC	NC	NC
Heptachlor	380	NC	ND	NC	NC	NC	NC	NC

Table 5
SOIL ANALYTICAL RESULTS vs. PART 375 PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES (SCOs)
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Sample ID **Sample Date**	Protection of Groundwater SCO	**B1 (4.5-6.0)** **5/3/2013**	**B2 (5-7)** **5/3/2013**	**B3 (4.5-6)** **5/3/2013**	**B4 (5-6.5)** **5/3/2013**	**B5 (5-6.5)** **5/3/2013**	**B6 (5-6.5)** **5/3/2013**
Volatile Organic Compounds (VOCs) (ug/kg)							
Acetone	50	4.7 JB	6.4 JB	4.2 JB	ND	13 JB	16 B
Benzene	60	ND	ND	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3,900	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11,000	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	ND	ND	ND
Total Xylenes	1,600	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)							
Acenaphthene	98,000	930	ND	ND	84 J	350 J	270 J
Acenaphthylene	107,000	ND	ND	ND	ND	890 J	160 J
Anthracene	1,000,000	2000	140 J	ND	190 J	1400 J	870
Benzo(a)anthracene	1,000	4200	530	110	660	4400	3000
Benzo(a)pyrene	22,000	3600	520	84	620	5000	3000
Benzo(b)fluoranthene	1,700	4200	610	140	750	7000	2800
Benzo(g,h,i)perylene	1,000,000	1800	250 J	45 J	280 J	1200 J	1500
Benzo(k)fluoranthene	1,700	1700	210	33 J	240	2000	1000
Bis(2-ethylhexyl) phthalate	435,000 GV	490 J	ND	ND	ND	ND	ND
Carbazole	NS	490 J	48	ND	74 J	370 J	350 J
Chrysene	1,000	4900	550	96 J	720	5600	4500
Dibenz(a,h) anthracene	1,000,000	540	52	ND	79	610	560
Dibenzofuran	210,000	390 J	ND	ND	62 J	310 J	210 J
Fluoranthene	1,000,000	6,400	800	110 J	910	4,100	3,600
Flourene	386,000	660 J	ND	ND	55 J	370 J	210 J
Indeno(1,2,3-cd)pyrene	8,200	2100	290	45	320	1500	1100
2-Methylnapthalene	36,400 GV	380 J	ND	ND	ND	380 J	610 J
Naphthalene	12,000	170 J	ND	ND	45 J	270 J	390 J
Phenanthrene	1,000,000	10000	680	67 J	860	4700	5100
Pyrene	1,000,000	12000	1500	190 J	1900	5600	5200
Pesticides (ug/kg)							
4,4'-DDD	14,000	NC	NC	NC	NC	NC	NC
4,4'-DDE	17,000	NC	NC	NC	NC	NC	NC
4,4'-DDT	136,000	NC	NC	NC	NC	NC	NC
alpha-BHC	20	NC	NC	NC	NC	NC	NC
alpha-Chlordane	2,900	NC	NC	NC	NC	NC	NC
Dieldrin	100	NC	NC	NC	NC	NC	NC
Endrin	60	NC	NC	NC	NC	NC	NC
Heptachlor	380	NC	NC	NC	NC	NC	NC

Table 5
SOIL ANALYTICAL RESULTS vs. PART 375 PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES (SCOs)
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Sample ID **Sample Date**	Protection of Groundwater SCO	**B1 (0-0.5)** **5/2/2013**	**B2 (0-0.5)** **5/2/2013**	**B7 (0-0.5) Dup of B2** **5/2/2013**	**B3 (0-0.5)** **5/2/2013**	**B4 (0-0.5)** **5/2/2013**	**B5 (0-0.5)** **5/2/2013**	**B6 (0-0.5)** **5/2/2013**
PCBs (ug/kg)								
Aroclor 1254	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Aroclor 1260	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Total PCBs	100	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Metals (mg/kg)								
Aluminum	NS	5,810	5,630	5,940	6,030	5,760	6,050	2,590
Antimony	NS	*ND*	1 J	*ND*	*ND*	*ND*	*ND*	*ND*
Arsenic	16	11.8	4.9	5.4	5.2	34.9	8.9	3.2
Barium	820	115	97	101	97	190	115	29 J
Beryllium	47	0.32 J	0.31 J	0.29 J	0.31 J	0.35 J	0.37 J	0.27 J
Cadmium	7.5	0.31 J	0.36 J	0.59 J	0.35 J	0.46 J	0.3 J	*ND*
Calcium	NS	14,700	19,100	23,600	26,500	10,300	6,780	3,680
Chromium	NS	20.0	18.1	17.5	17.4	31.3	22.0	9.9
Cobalt	NS	5.4 J	4.9 J	4.8 J	5 J	5.5 J	6.7 J	3.8
Copper	1,720	53.4	47.1	72.5	48.6	99.9	74.6	19.1
Iron	NS	16,100	17,000	14,000	14,700	18,700	23,100	9,470
Lead	450	201	192	176	204	308	288	62.7
Magnesium	NS	3,050	3,380	3,680	3,750	2,420	2,520	1,190
Manganese	2,000	241	236	218	243	284	391	118
Mercury	0.73	0.41	0.82	0.91	0.62	0.59	0.47	0.15
Nickel	130	16.3	16.9	17.5	16.1	19.8	18.7	9.1
Potassium	NS	874 J	1010	1190	1000	911 J	1050	739 J
Selenium	4.0	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Silver	8	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Sodium	NS	223 J	184 J	171 J	257 J	267 J	194 J	*ND*
Thallium	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Vanadium	NS	26.6	28.6	25.5	21.8	29	28.9	11.2
Zinc	2,480	163	185	159	206	206	170	69.9

Table 5
SOIL ANALYTICAL RESULTS vs. PART 375 PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES (SCOs)
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Sample ID **Sample Date**	Protection of Groundwater SCO	**B1 (4.5-6.0)** **5/3/2013**	**B2 (5-7)** **5/3/2013**	**B3 (4.5-6)** **5/3/2013**	**B4 (5-6.5)** **5/3/2013**	**B5 (5-6.5)** **5/3/2013**	**B6 (5-6.5)** **5/3/2013**
PCBs (ug/kg)							
Aroclor 1254	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Aroclor 1260	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Total PCBs	100	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Metals (mg/kg)							
Aluminum	NS	6,640	5,600	1,010	6,310	3,690	5,000
Antimony	NS	*ND*	7	*ND*	*ND*	*ND*	*ND*
Arsenic	16	15.7	*ND*	2.5	48.1	10.8	22.8
Barium	820	120	66	172	70	107	265
Beryllium	47	0.42 J	0.27 J	*ND*	0.37 J	0.31 J	0.39 J
Cadmium	7.5	1.7	0.44 J	*ND*	*ND*	0.25 J	0.54 J
Calcium	NS	4,820	4,220	8,960	1,540	43,300	7,720
Chromium	NS	23.9	14.9	4.9	15.8	22.9	17.5
Cobalt	NS	8.6 J	9.5 J	12.6	*ND*	5 J	7.7 J
Copper	1,720	120	40.5	2300	42.7	992	116
Iron	NS	18,600	14,600	*ND*	19,100	11,700	33,300
Lead	450	428	157	426	267	288	645
Magnesium	NS	5,500	3,310	501 J	2,090	19,400	1,690
Manganese	2,000	355	240	17.8	242	156	210
Mercury	0.73	1.2	0.48	1.3	0.33	0.48	0.85
Nickel	130	59	38.9	5.7	11.3	28.4	20.2
Potassium	NS	1590	1130	434 J	1340	669 J	646 J
Selenium	4.0	*ND*	*ND*	*ND*	*ND*	883 J	*ND*
Silver	8	*ND*	*ND*	0.4 J	*ND*	*ND*	*ND*
Sodium	NS	1240	523 J	1610	575 J	*ND*	392 J
Thallium	NS	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Vanadium	NS	50.8	20.1	21.2	24.8	17.9	17.5
Zinc	2,480	567	278	12.1	46.2	185	475

Notes:
Highlighted cells indicate exceedances of NYSDEC Part 375 Tables 375-6.8(a) and 375-6.8(b) Soil Cleanup Objectiv
GV - Indicates guidance value from NYSDEC CP-51 Supplemental Soil Cleanup Objectives.
ND - compound was not detected at the MDL.
J - Indicates an estimated value.
B - The analyte was found in an associated blank, as well as in the sample.
P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reporte
* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 6
Soil Analytical Results vs. Manhattan Background and Unrestricted/Restricted Residential Use SCO
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Sample ID **Sample Date**	Unrestricted Use SCO	Restricted Residential Use SCO	Manhattan Background	**B1 (0-0.5)** **5/2/2013**	**B2 (0-0.5)** **5/2/2013**	**B7 (0-0.5) Dup of B2** **5/2/2013**	**B3 (0-0.5)** **5/2/2013**	**B4 (0-0.5)** **5/2/2013**	**B5 (0-0.5)** **5/2/2013**	**B6 (0-0.5)** **5/2/2013**
Volatile Organic Compounds (VOCs) (ug/kg)										
Acetone	50	100,000	5	76 B	*ND*	3.7 JB	*ND*	*ND*	*ND*	*ND*
Benzene	60	4,800	--	*ND*	0.47 J	*ND*	*ND*	*ND*	*ND*	*ND*
Chloroform	370	49,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Ethylbenzene	1,000	41,000	--	1.3	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Methyl Ethyl Ketone	120	100,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Methylene Chloride	50	100,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
n-Propylbenzene	3,900	100,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
sec-Butylbenzene	11,000	100,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Tetrachloroethene	1,300	19,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Toluene	700	100,000	--	*ND*	0.23 J	*ND*	*ND*	*ND*	*ND*	*ND*
Total Xylenes	260	100,000	--	8.1	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)										
Acenaphthene	20,000	100,000	490	64 J	110 J	*ND*	62 J	280 J	68 J	*ND*
Acenaphthylene	100,000	100,000	200	120 J	*ND*	*ND*	93 J	*ND*	98 J	*ND*
Anthracene	100,000	100,000	850	180 J	230 J	200 J	300 J	870	340 J	83 J
Benzo(a)anthracene	1,000	1,000	2,600	840	730	710	1300	2300	1400	400
Benzo(a)pyrene	1,000	1,000	2,700	930	690	670	1200	2500	1400	360
Benzo(b)fluoranthene	1,000	1,000	2,200	990	770	780	1500	2800	1700	360
Benzo(g,h,i)perylene	100,000	100,000	1,700	910	570 J	240 J	390	2000	470	120 J
Benzo(k)fluoranthene	800	3,900	2,800	390	300	350	540	940	620	180
Bis(2-ethylhexyl) phthalate	NS	NS	--	*ND*	*ND*	*ND*	170 J	200 J	*ND*	*ND*
Carbazole	NS	NS	--	79 J	110 J	82 J	84 J	160 J	94 J	43 J
Chrysene	1,000	3,900	2,800	890	750	820	1400	2500	1500	410
Dibenz(a,h) anthracene	330	330	490	230	120	140	140	460	160	*ND*
Dibenzofuran	7,000	59,000	--	48 J	*ND*	*ND*	45 J	140 J	52 J	*ND*
Fluoranthene	100,000	100,000	5,900	1,900	1,700	980	1,500	6,300	1,800	450
Flourene	30,000	100,000	420	94 J	*ND*	*ND*	60 J	220 J	51 J	*ND*
Indeno(1,2,3-cd)pyrene	500	500	1,800	920	560	320	550	2200	550	160
2-Methylnapthalene	NS	NS	--	410	*ND*	*ND*	*ND*	49 J	75 J	*ND*
Naphthalene	12,000	100,000	420	260 J	*ND*	*ND*	52 J	64 J	87 J	*ND*
Phenanthrene	100,000	100,000	4,300	740	970	650 J	1000	3500	1100	390
Pyrene	100,000	100,000	5,500	990	880	1200	2400	3900	2500	750
Pesticides (ug/kg)										
4,4'-DDD	3.3	13,000	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
4,4'-DDE	3.3	8,900	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
4,4'-DDT	3.3	7,900	--	*NC*	4.2 J	*NC*	*NC*	*NC*	*NC*	*NC*
alpha-BHC	20	480	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
alpha-Chlordane	94	4,200	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
Dieldrin	5	200	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
Endrin	14	11,000	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*
Heptachlor	42	2,100	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*	*NC*

Sample ID **Sample Date**	Unrestricted Use SCO	Restricted Residential Use SCO	Manhattan Background	**B1 (4.5-6.0)** **5/3/2013**	**B2 (5-7)** **5/3/2013**	**B3 (4.5-6)** **5/3/2013**	**B4 (5-6.5)** **5/3/2013**	**B5 (5-6.5)** **5/3/2013**	**B6 (5-6.5)** **5/3/2013**
Volatile Organic Compounds (VOCs) (ug/kg)									
Acetone	50	100,000	5	4.7 JB	6.4 JB	4.2 JB	*ND*	13 JB	16 B
Benzene	60	4,800	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Chloroform	370	49,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Ethylbenzene	1,000	41,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Methyl Ethyl Ketone	120	100,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Methylene Chloride	50	100,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
n-Propylbenzene	3,900	100,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
sec-Butylbenzene	11,000	100,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Tetrachloroethene	1,300	19,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Toluene	700	100,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Total Xylenes	260	100,000	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)									
Acenaphthene	20,000	100,000	490	930	*ND*	*ND*	84 J	350 J	270 J
Acenaphthylene	100,000	100,000	200	*ND*	*ND*	*ND*	*ND*	890 J	160 J
Anthracene	100,000	100,000	850	2000	140 J	*ND*	190 J	1400 J	870
Benzo(a)anthracene	1,000	1,000	2,600	4200	530	110	660	4400	3000
Benzo(a)pyrene	1,000	1,000	2,700	3600	520	84	620	5000	3000
Benzo(b)fluoranthene	1,000	1,000	2,200	4200	610	140	750	7000	2800
Benzo(g,h,i)perylene	100,000	100,000	1,700	1800	250 J	45 J	280 J	1200 J	1500
Benzo(k)fluoranthene	800	3,900	2,800	1700	210	33 J	240	2000	1000
Bis(2-ethylhexyl) phthalate	NS	NS	--	490 J	*ND*	*ND*	*ND*	*ND*	*ND*
Carbazole	NS	NS	--	490 J	48	*ND*	74 J	370 J	350 J
Chrysene	1,000	3,900	2,800	4900	550	96 J	720	5600	4500
Dibenz(a,h) anthracene	330	330	490	540	52	*ND*	79	610	560
Dibenzofuran	7,000	59,000	--	390 J	*ND*	*ND*	62 J	310 J	210 J
Fluoranthene	100,000	100,000	5,900	6,400	800	110 J	910	4,100	3,600
Flourene	30,000	100,000	420	660 J	*ND*	*ND*	55 J	370 J	210 J
Indeno(1,2,3-cd)pyrene	500	500	1,800	2100	290	45	320	1500	1100
2-Methylnapthalene	NS	NS	--	380 J	*ND*	*ND*	*ND*	380 J	610 J
Naphthalene	12,000	100,000	420	170 J	*ND*	*ND*	45 J	270 J	390 J
Phenanthrene	100,000	100,000	4,300	10000	680	67 J	860	4700	5100
Pyrene	100,000	100,000	5,500	12000	1500	190 J	1900	5600	5200
Pesticides (ug/kg)									
4,4'-DDD	3.3	13,000	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
4,4'-DDE	3.3	8,900	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
4,4'-DDT	3.3	7,900	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
alpha-BHC	20	480	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
alpha-Chlordane	94	4,200	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
Dieldrin	5	200	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
Endrin	14	11,000	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*
Heptachlor	42	2,100	--	*NC*	*ND*	*NC*	*NC*	*NC*	*NC*

Sample ID **Sample Date**	Unrestricted Use SCO	Restricted Residential Use SCO	Manhattan Background	**B1 (0-0.5)** **5/2/2013**	**B2 (0-0.5)** **5/2/2013**	**7 (0-0.5)Dup of B2** **5/2/2013**	**B3 (0-0.5)** **5/2/2013**	**B4 (0-0.5)** **5/2/2013**	**B5 (0-0.5)** **5/2/2013**	**B6 (0-0.5)** **5/2/2013**
PCBs (ug/kg)										
Aroclor 1254	NS	NS	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Aroclor 1260	NS	NS	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Total PCBs	100	1000		*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Metals (mg/kg)										
Aluminum	NS	NS	--	5,810	5,630	5,940	6,030	5,760	6,050	2,590
Antimony	NS	NS	--	*ND*	1 J	*ND*	*ND*	*ND*	*ND*	*ND*
Arsenic	13	16	20	11.8	4.9	5.4	5.2	34.9	8.9	3.2
Barium	350	400	253	115	97	101	97	190	115	29 J
Beryllium	7.2	72	1	0.32 J	0.31 J	0.29 J	0.31 J	0.35 J	0.37 J	0.27 J
Cadmium	2.5	4	2	0.31 J	0.36 J	0.59 J	0.35 J	0.46 J	0.3 J	*ND*
Calcium	NS	NS	--	14,700	19,100	23,600	26,500	10,300	6,780	3,680
Chromium	30	180	44	20.0	18.1	17.5	17.4	31.3	22.0	9.9
Cobalt	NS	NS	114	5.4 J	4.9 J	4.8 J	5 J	5.5 J	6.7 J	3.8
Copper	50	270	--	53.4	47.1	72.5	48.6	99.9	74.6	19.1
Iron	NS	NS	--	16,100	17,000	14,000	14,700	18,700	23,100	9,470
Lead	63	400	840	201	192	176	204	308	288	62.7
Magnesium	NS	NS	--	3,050	3,380	3,680	3,750	2,420	2,520	1,190
Manganese	1,600	2,000	461	241	236	218	243	284	391	118
Mercury	0.18	0.81	3.20	0.41	0.82	0.91	0.62	0.59	0.47	0.15
Nickel	30	310	35	16.3	16.9	17.5	16.1	19.8	18.7	9.1
Potassium	NS	NS	--	874 J	1010	1190	1000	911 J	1050	739 J
Selenium	3.9	310	3	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Silver	2	180	2	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Sodium	NS	NS	--	223 J	184 J	171 J	257 J	267 J	194 J	*ND*
Thallium	NS	NS	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Vanadium	NS	NS	--	26.6	28.6	25.5	21.8	29	28.9	11.2
Zinc	109	10,000	1,440	163	185	159	206	206	170	69.9

Table 6
Soil Analytical Results vs. Manhattan Background and Unrestricted/Restricted Residential Use SCO
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Sample ID **Sample Date**	Unrestricted Use SCO	Restricted Residential Use SCO	Manhattan Background	**B1 (4.5-6.0)** **5/3/2013**	**B2 (5-7)** **5/3/2013**	**B3 (4.5-6)** **5/3/2013**	**B4 (5-6.5)** **5/3/2013**	**B5 (5-6.5)** **5/3/2013**	**B6 (5-6.5)** **5/3/2013**
PCBs (ug/kg)									
Aroclor 1254	NS	NS	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Aroclor 1260	NS	NS	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Total PCBs	100	1000		*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Metals (mg/kg)									
Aluminum	NS	NS	--	6,640	5,600	1,010	6,310	3,690	5,000
Antimony	NS	NS	--	*ND*	7	*ND*	*ND*	*ND*	*ND*
Arsenic	13	16	20	15.7	*ND*	2.5	48.1	10.8	22.8
Barium	350	400	253	120	66	172	70	107	265
Beryllium	7.2	72	1	0.42 J	0.27 J	*ND*	0.37 J	0.31 J	0.39 J
Cadmium	2.5	4	2	1.7	0.44 J	*ND*	*ND*	0.25 J	0.54 J
Calcium	NS	NS	--	4,820	4,220	8,960	1,540	43,300	7,720
Chromium	30	180	44	23.9	14.9	4.9	15.8	22.9	17.5
Cobalt	NS	NS	114	8.6 J	9.5 J	12.6	6	5 J	7.7 J
Copper	50	270	--	120	40.5	2300	42.7	992	116
Iron	NS	NS	--	18,600	14,600	*ND*	19,100	11,700	33,300
Lead	63	400	840	428	157	426	267	288	645
Magnesium	NS	NS	--	5,500	3,310	501 J	2,090	19,400	1,690
Manganese	1,600	2,000	461	355	240	17.8	242	156	210
Mercury	0.18	0.81	3.20	1.2	0.48	1.3	0.33	0.48	0.85
Nickel	30	310	35	59	38.9	5.7	11.3	28.4	20.2
Potassium	NS	NS	--	1590	1130	434 J	1340	669 J	646 J
Selenium	3.9	310	3	*ND*	*ND*	*ND*	*ND*	883 J	*ND*
Silver	2	180	2	*ND*	*ND*	0.4 J	*ND*	*ND*	*ND*
Sodium	NS	NS	--	1240	523 J	1610	575 J	*ND*	392 J
Thallium	NS	NS	--	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Vanadium	NS	NS	--	50.8	20.1	21.2	24.8	17.9	17.5
Zinc	109	10,000	1,440	567	278	12.1	46.2	185	475

Notes:
Highlighted cells indicate exceedance of NYSDEC Unrestricted Use SCOs, Restricted Residential Use SCOs **and** Manhattan Background values (referenced below).
Manhattan Background Levels - RETEC Group, *Characterization of Soil Background PAH and Metal Concentrations; Tables 5-4a and 5-4b 98th Percentile* , 24 March, 2007
ND - compound was not detected at the MDL.
J - Indicates an estimated value.
B - The analyte was found in an associated blank, as well as in the sample.
P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 7
DETECTED GROUNDWATER RESULTS vs. TOGS 1.1.1 STANDARDS (Class GA)
SITE INVESTIGATION REPORT - PARCEL IV
Block 2376, Lot 50
BROOKLYN, NEW YORK

Sample ID Sample Date	NYSDEC TOGS GWQS[1]	B2 5/3/2013	B5 5/3/2013	B7 (Dup of B5) 5/3/2013
Volitile Organic Compounds (VOCs) (ug/L)				
Chloroform	7	0.18 J	0.21 J	ND
Total Metals (ug/L)				
Aluminum	NS	11,200	1,150	685 J
Arsenic	25	16 J	ND	ND
Barium	1,000	103 J	49.9 J	51.4 J
Calcium	NS	249,000	254,000	260,000
Chromium	50	27.5 J	ND	ND
Copper	200	61.1 J	ND	ND
Iron	300	14,900	2,100	1,080
Lead	25	188	66.8	28.9
Magnesium	35,000	653,000	764,000	768,000
Maganese	300	1,230	69.5	38.5 J
Nickel	100	40.6 J	ND	ND
Potassium	NS	212,000	255,000	238,000
Sodium	20,000	4,870,000	5,830,000	6,150,000
Vanadium	NS	32.6 J	ND	ND
Zinc	2,000	313	43.6 J	ND
Mercury	0.7	0.79	0.25	ND
Dissolved Metals (ug/L)				
Aluminum	NS	ND	ND	ND
Arsenic	25	ND	ND	ND
Barium	1,000	45 J	40.7 J	40.6
Calcium	NS	251,000	272,000	272,000 J
Chromium	50	ND	ND	ND
Copper	200	ND	ND	ND
Iron	300	ND	ND	ND
Lead	25	ND	ND	ND
Magnesium	35,000	645,000	815,000	815,000
Maganese	300	ND	ND	ND
Nickel	100	ND	ND	ND
Potassium	NS	214,000	265,000	272,000
Sodium	20,000	4,930,000	6,090,000	5,890,000
Vanadium	NS	ND	ND	ND
Zinc	2,000	ND	ND	ND
Mercury	0.7	ND	ND	ND

Notes:

Highlighted cells indicate exceedances of NYSDEC Division of Water Technical and Operation Guidance Series (TOGs) 1.1.1 Ambient Water Quality Standards and Guidnace Values and Ground Water Effluent Limitations

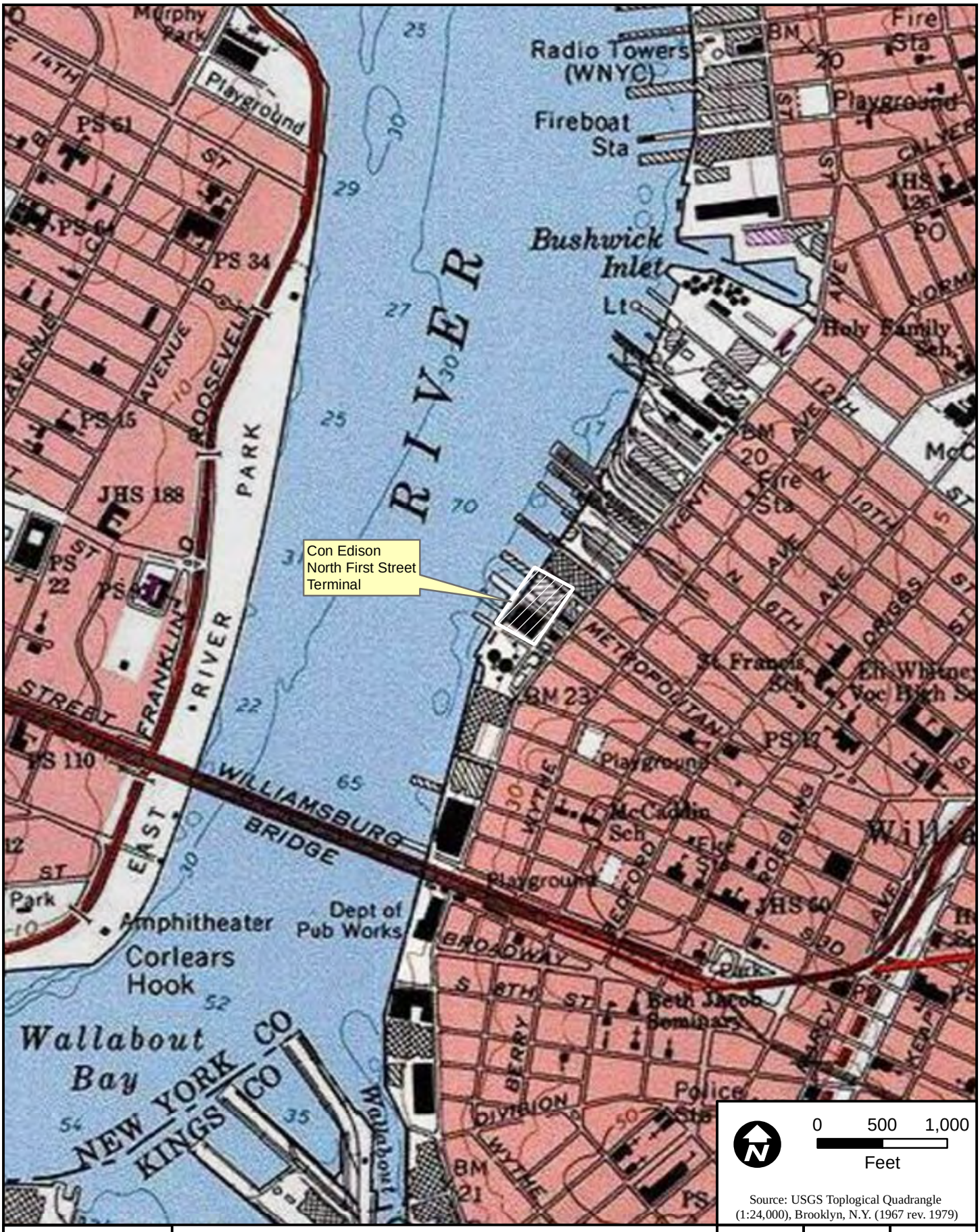
ND - compound was not detected at the MDL.

J - Indicates an estimated value.

NS - No Standard

ug/L - microgram per liter

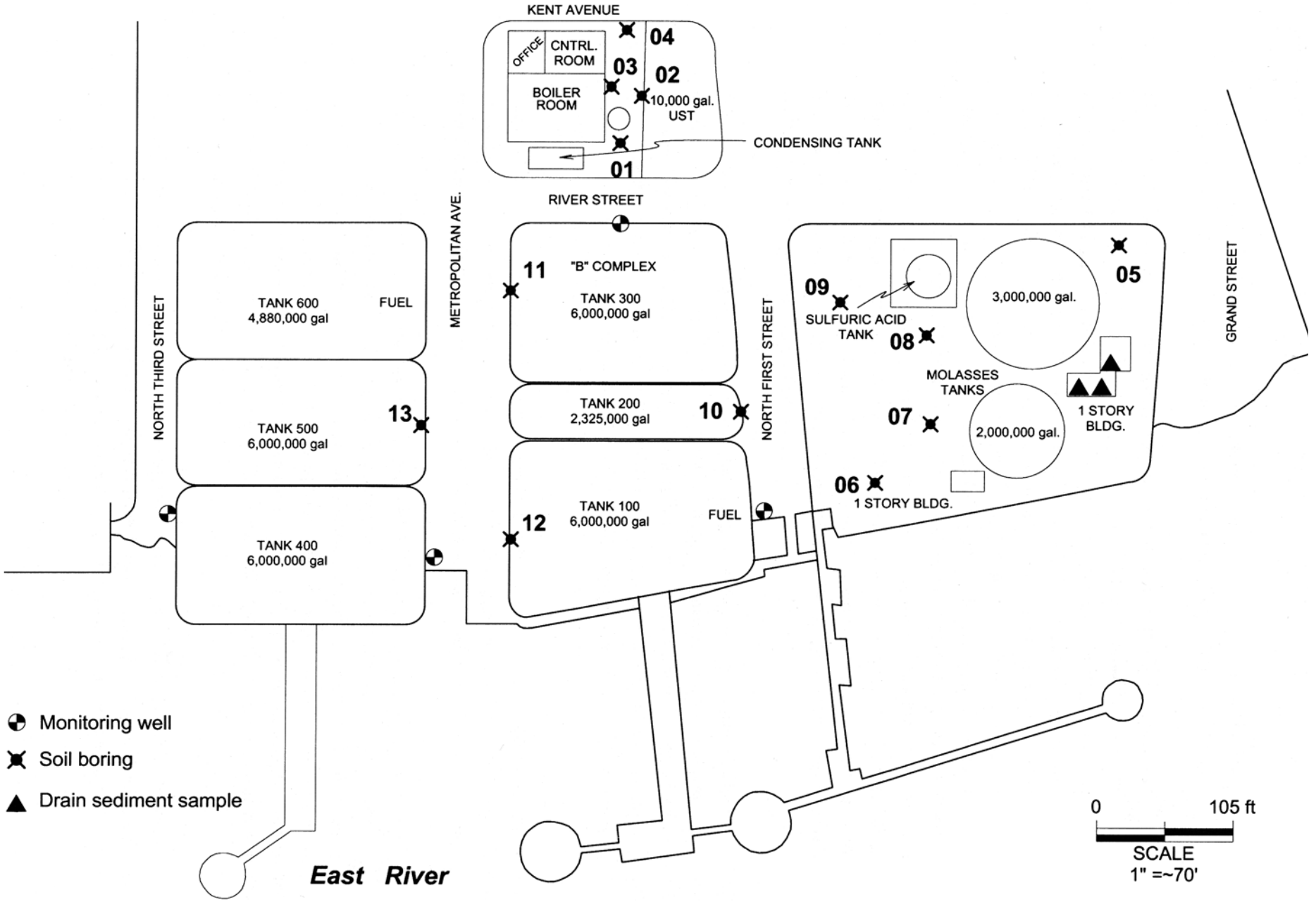
Figures



	Site Location Map Consolidated Edison Company of New York, Inc. North First Street Terminal	Job No.	Date	Figure
HDR		141847	10/01/12	1



	Site Layout / Features Consolidated Edison Company of New York, Inc. North First Street Terminal Site	Job No.	Date	Figure
HDR		141847	10/01/12	2



	Prior Site Investigation (2000) Sampling Locations Consolidated Edison Company of New York, Inc. North First Street Terminal Site	Job No.	Date	Figure
HDR		141847	10/01/12	3



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HDR	Soil Boring Locations Consolidated Edison Company of New York, Inc. Parcel IV	Job No.	Date	Figure
		141847	07/11/13	4

B-2	B2 (0-0.5) 5/2/2013	B2 (5-7) 5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Indeno(1,2,3-cd)pyrene	560	290
Pesticides (ug/kg)		
4,4'-DDT	4.2 J	ND
Metals (mg/kg)		
Lead	192	157
Mercury	0.82	0.48
Nickel	16.9	38.9
Zinc	185	278

B-1	B1 (0-0.5) 5/2/2013	B1 (4.5-6.0) 5/3/2013
Volatile Organic Compounds (VOCs) (ug/kg)		
Acetone	76 B	4.7 JB
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	840	4,200
Benzo(a)pyrene	930	3,600
Benzo(b)fluoranthene	990	4,200
Benzo(k)fluoranthene	390	1,700
Chrysene	890	4,900
Dibenz(a,h) anthracene	230	540
Indeno(1,2,3-cd)pyrene	920	2,100
Metals (mg/kg)		
Arsenic	11.8	15.7
Copper	53.4	120
Lead	201	428
Mercury	0.41	1.2
Nickel	16.3	59
Zinc	163	567

B-3	B3 (0-0.5) 5/2/2013	B3 (4.5-6) 5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	1,300	110
Benzo(a)pyrene	1,200	84
Benzo(b)fluoranthene	1,500	140
Chrysene	1,400	96 J
Indeno(1,2,3-cd)pyrene	550	45
Metals (mg/kg)		
Copper	48.6	2300
Lead	204	426
Mercury	0.62	1.3
Zinc	206	12.1

B-4	B4 (0-0.5) 5/2/2013	B4 (5-6.5) 5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	2,300	660
Benzo(a)pyrene	2,500	620
Benzo(b)fluoranthene	2,800	750
Benzo(k)fluoranthene	940	240
Chrysene	2,500	720
Dibenz(a,h) anthracene	460	79
Indeno(1,2,3-cd)pyrene	2,200	320
Metals (mg/kg)		
Arsenic	34.9	48.1
Chromium	31.3	15.8
Copper	99.9	42.7
Lead	308	267
Mercury	0.59	0.33
Zinc	206	46.2

B-5	B5 (0-0.5) 5/2/2013	B5 (5-6.5) 5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	1,400	4,400
Benzo(a)pyrene	1,400	5,000
Benzo(b)fluoranthene	1,700	7,000
Benzo(k)fluoranthene	620	2,000
Chrysene	1,500	5,600
Dibenz(a,h) anthracene	160	610
Indeno(1,2,3-cd)pyrene	550	1,500
Metals (mg/kg)		
Copper	74.6	992
Lead	288	288
Mercury	0.47	0.48
Selenium	ND	883 J
Zinc	170	185

B-6	B6 (0-0.5) 5/2/2013	B6 (5-6.5) 5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	400	3,000
Benzo(a)pyrene	360	3,000
Benzo(b)fluoranthene	360	2,800
Benzo(k)fluoranthene	180	1,000
Chrysene	410	4,500
Dibenz(a,h) anthracene	ND	560
Indeno(1,2,3-cd)pyrene	160	1,100
Metals (mg/kg)		
Arsenic	3.2	22.8
Copper	19.1	116
Lead	62.7	645
Mercury	0.15	0.85
Zinc	69.9	475

Parcel II

Parcel III

Fyn Paint

NYPA

Parcel IV

B-1

B-2

B-3

B-4

B-5

B-6

NYSDEC Soil Cleanup Objective Exceedances	Unrestricted Use SCO	Restricted Residential Use SCO	Commercial Use SCO	Industrial Use SCO
Volatile Organic Compounds (VOCs) (ug/kg)				
Acetone	50	100,000	500,000	1,000,000
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)				
Benzo(a)anthracene	1,000	1,000	5,600	11,000
Benzo(a)pyrene	1,000	1,000	1,000	1,100
Benzo(b)fluoranthene	1,000	1,000	5,600	11,000
Benzo(k)fluoranthene	800	3,900	56,000	110,000
Chrysene	1,000	3,900	56,000	110,000
Dibenz(a,h) anthracene	330	330	560	1,100
Indeno(1,2,3-cd)pyrene	500	500	5,600	11,000
Pesticides (ug/kg)				
4,4'-DDT	3.3	7,900	47,000	94,000
Metals (mg/kg)				
Arsenic	13	16	16	16
Barium	350	400	400	10,000
Chromium	30	180	1,500	6,800
Copper	50	270	270	10,000
Lead	63	400	1,000	3,900
Mercury	0.18	0.81	2.8	5.7
Nickel	30	310	310	10,000
Selenium	3.9	310	310	10,000
Zinc	109	10,000	10,000	10,000

Notes:

Highlighted cells indicate exceedances of NYSDEC Part 375 Tables 375-6.8(a) and 375-6.8(b) Soil Cleanup Objectives (SCO)

ND - compound was not detected at the MDL.

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Approximate Con Edison Parcel Boundary

Approximate Fyn Paint Parcel Boundary

Approximate NYPA Parcel Boundary

Boring Location (Approx. 50 ft spacing)

0 50 100

Feet

bing™

Aerial Image Source: ESRI Bing Maps Service

HDR

NYSDEC Soil Cleanup Objective Exceedances

Consolidated Edison Company of New York, Inc.

Parcel IV

Job No.	Date	Figure
141847	07/11/13	5

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B-1	B1 (0-0.5) 5/2/2013	B1 (4.5-6.0) 5/3/2013
Volatile Organic Compounds (VOCs) (ug/kg)		
Acetone	76 B	4.7 JB
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	840	4200
Benzo(b)fluoranthene	990	4200
Chrysene	890	4900
Metals (mg/kg)		
Mercury	0.41	1.2

B-2	B2 (0-0.5) 5/2/2013	B2 (5-7) 5/3/2013
Metals (mg/kg)		
Mercury	0.82	0.48

B-3	B3 (0-0.5) 5/2/2013	B3 (4.5-6) 5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	1300	110
Chrysene	1400	96 J
Metals (mg/kg)		
Copper	48.6	2300
Mercury	0.62	1.3

B-4	B4 (0-0.5) 5/2/2013	B4 (5-6.5) 5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	2300	660
Benzo(b)fluoranthene	2800	750
Chrysene	2500	720
Metals (mg/kg)		
Arsenic	34.9	48.1

B-5	B5 (0-0.5) 5/2/2013	B5 (5-6.5) 5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	1400	4400
Benzo(b)fluoranthene	1700	7000
Benzo(k)fluoranthene	620	2000
Chrysene	1500	5600
Metals (mg/kg)		
Selenium	ND	883 J

B-6	B6 (0-0.5) 5/2/2013	B6 (5-6.5) 5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	400	3000
Benzo(b)fluoranthene	360	2800
Chrysene	410	4500
Metals (mg/kg)		
Arsenic	3.2	22.8
Lead	62.7	645
Mercury	0.15	0.85

NYSDEC Protection of Groundwater Soil Cleanup Objective Exceedances	Protection of Groundwater SCO
Volatile Organic Compounds (VOCs) (ug/kg)	
Acetone	50
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)	
Benzo(a)anthracene	1,000
Benzo(b)fluoranthene	1,700
Benzo(k)fluoranthene	1,700
Chrysene	1,000
Metals (mg/kg)	
Arsenic	16
Copper	1,720
Lead	450
Mercury	0.73
Selenium	4.0

Notes:

Highlighted cells indicate exceedances of NYSDEC Part 375 Tables 375-6.8(a) and 375-6.8(b) Soil Cleanup Objectives (SCO)

ND - compound was not detected at the MDL.

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Parcel II

Parcel III

Fyn Paint

NYPA

Parcel IV

B-1

B-2

B-3

B-4

B-5

B-6

Approximate Con Edison Parcel Boundary

Approximate Fyn Paint Parcel Boundary

Approximate NYPA Parcel Boundary

Boring Location (Approx. 50 ft spacing)

0 50 100

Feet

bing™

Aerial Image Source: ESRI Bing Maps Service

HDR

NYSDEC Protection of Groundwater Soil Cleanup Objective Exceedances

Consolidated Edison Company of New York, Inc.

Parcel IV

Job No.	Date	Figure
141847	07/11/13	6

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B-1	B1 (0-0.5)	B1 (4.5-6.0)
	5/2/2013	5/3/2013
Volatile Organic Compounds (VOCs) (ug/kg)		
Acetone	76 B	4.7 JB
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	840	4200
Benzo(a)pyrene	930	3600
Benzo(b)fluoranthene	990	4200
Chrysene	890	4900
Dibenz(a,h) anthracene	230	540
Indeno(1,2,3-cd)pyrene	920	2100
Metals (mg/kg)		
Nickel	16.3	59

B-2	B2 (0-0.5)	B2 (5-7)
	5/2/2013	5/3/2013
Metals (mg/kg)		
Nickel	16.9	38.9

B-3	B3 (0-0.5)	B3 (4.5-6)
	5/2/2013	5/3/2013
No Exceedances		

B-4	B4 (0-0.5)	B4 (5-6.5)
	5/2/2013	5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(b)fluoranthene	2800	750
Indeno(1,2,3-cd)pyrene	2200	320
Metals (mg/kg)		
Arsenic	34.9	48.1

B-5	B5 (0-0.5)	B5 (5-6.5)
	5/2/2013	5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	1400	4400
Benzo(a)pyrene	1400	5000
Benzo(b)fluoranthene	1700	7000
Chrysene	1500	5600
Dibenz(a,h) anthracene	160	610
Metals (mg/kg)		
Selenium	ND	883 J

B-6	B6 (0-0.5)	B6 (5-6.5)
	5/2/2013	5/3/2013
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	400	3000
Benzo(a)pyrene	360	3000
Benzo(b)fluoranthene	360	2800
Chrysene	410	4500
Dibenz(a,h) anthracene	ND	560
Metals (mg/kg)		
Arsenic	3.2	22.8

Parcel II

Parcel III

Fyn Paint

NYPA

Parcel IV

B-1

B-2

B-3

B-4

B-5

B-6

Manhattan Background and NYSDEC Unrestricted Use SCO Exceedances

	Unrestricted Use SCO	Manhattan Background
Volatile Organic Compounds (VOCs) (ug/kg)		
Acetone	50	5
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)		
Benzo(a)anthracene	1,000	2,600
Benzo(a)pyrene	1,000	2,700
Benzo(b)fluoranthene	1,000	2,200
Chrysene	1,000	2,800
Dibenz(a,h) anthracene	330	490
Indeno(1,2,3-cd)pyrene	500	1,800
Metals (mg/kg)		
Arsenic	13	20
Nickel	30	35
Selenium	3.9	3

Notes:

Highlighted cells indicate exceedances of NYSDEC Part 375 Tables 375-6.8(a) and 375-6.8(b) Soil Cleanup Objectives (SCO)

ND - compound was not detected at the MDL.

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Approximate Con Edison Parcel Boundary

Approximate Fyn Paint Parcel Boundary

Approximate NYPA Parcel Boundary

Boring Location (Approx. 50 ft spacing)

0 50 100

Feet

bing™

Aerial Image Source: ESRI Bing Maps Service

HDR

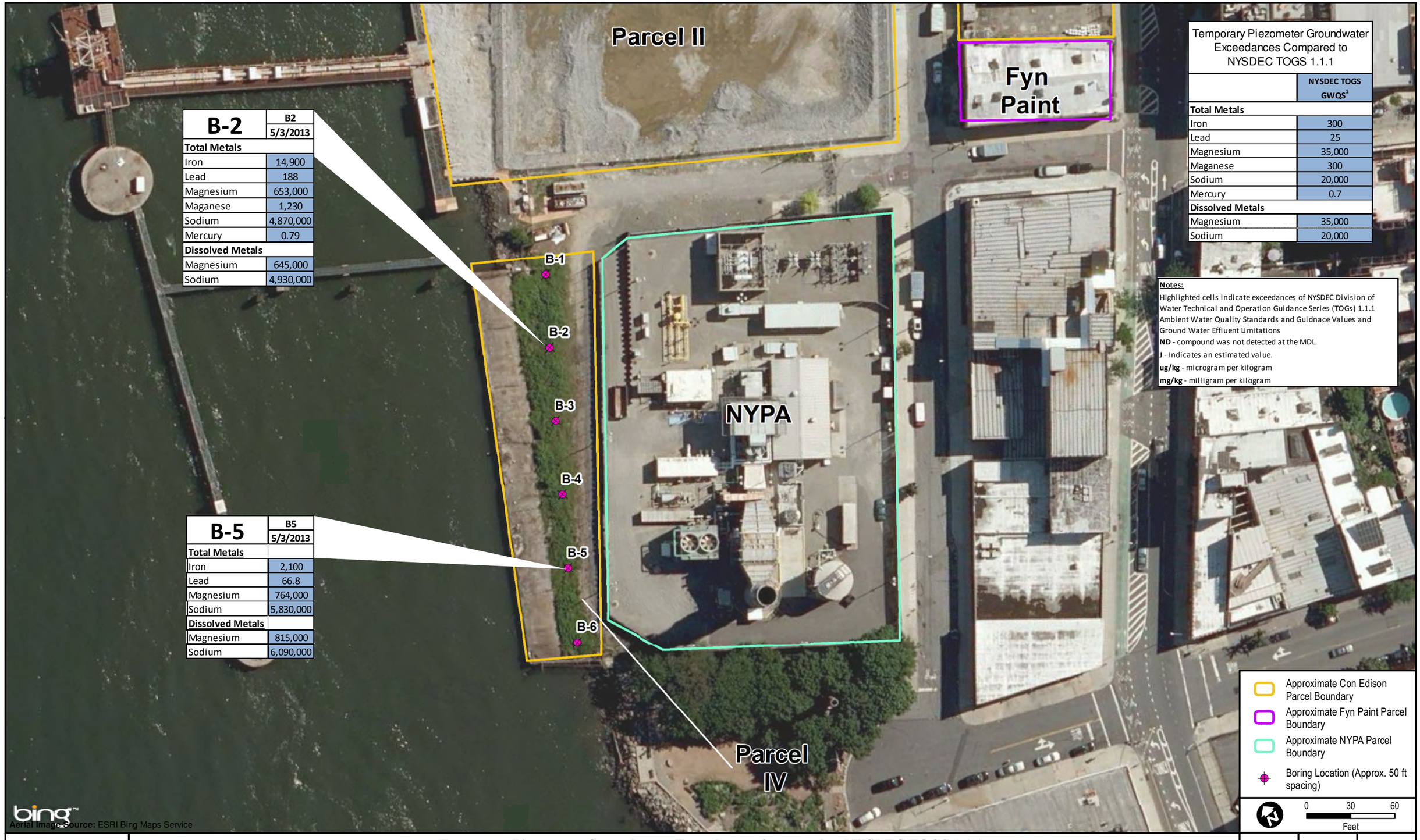
Manhattan Background and NYSDEC Unrestricted Use SCO Exceedances

Consolidated Edison Company of New York, Inc.

Parcel IV

Job No.	Date	Figure
141847	07/11/13	7

Document Path: \\prl-srv3\GIS_Projects\202300_CONSOLIDATED EDISON CO OF NY INC\0141847_CONED-ES-DIVESTITURE SITE 2010\GIS\map_docs\mxd\Figures_July2013\Fig7_Manhattan_Background_and_NYSDEC_Unrestricted_Use_SCO_Exceedances_11July2013.mxd



B-2	B2
	5/3/2013
Total Metals	
Iron	14,900
Lead	188
Magnesium	653,000
Maganese	1,230
Sodium	4,870,000
Mercury	0.79
Dissolved Metals	
Magnesium	645,000
Sodium	4,930,000

B-5	B5
	5/3/2013
Total Metals	
Iron	2,100
Lead	66.8
Magnesium	764,000
Sodium	5,830,000
Dissolved Metals	
Magnesium	815,000
Sodium	6,090,000

Temporary Piezometer Groundwater Exceedances Compared to NYSDEC TOGS 1.1.1

	NYSDEC TOGS GWQS[1]
Total Metals	
Iron	300
Lead	25
Magnesium	35,000
Maganese	300
Sodium	20,000
Mercury	0.7
Dissolved Metals	
Magnesium	35,000
Sodium	20,000

Notes:

Highlighted cells indicate exceedances of NYSDEC Division of Water Technical and Operation Guidance Series (TOGs) 1.1.1 Ambient Water Quality Standards and Guidnace Values and Ground Water Effluent Limitations

ND - compound was not detected at the MDL.

J - Indicates an estimated value.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

- Approximate Con Edison Parcel Boundary
- Approximate Fyn Paint Parcel Boundary
- Approximate NYPA Parcel Boundary
- Boring Location (Approx. 50 ft spacing)

0 30 60
Feet

HDR

Temporary Piezometer Groundwater Exceedances Compared to NYSDEC TOGS 1.1.1

Consolidated Edison Company of New York, Inc.

Parcel IV

Job No.	Date	Figure
141847	07/11/13	8

Document Path: \\prl-srv3\GIS_Projects\202300_CONSOLIDATED EDISON CO OF NY INC\0141847_CONED-ES-DIVESTITURE SITE 2010\GIS\map_docs\mxd\Figures_July2013\Fig8_Temp_Piez_GW_Exceedances_Compared_NYSDEC_TOGS_11July2013.mxd

Appendix A – Soil Boring Logs

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Environmental Boring Log
Boring ID: **B1**

Location : See Figure



Project Name: North First Street Parcel IV		**Northing:**
Project No.: 147-141847		**Easting:**
Project Location: Brooklyn, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison		**Drilling Equipment:** Geoprobe 7010
Work Order/Client No.:		**Drilling Method:** Push Probe
Inspector: MV Pantliano		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/3/13	**Date Completed:** 5/3/13	**Drop (in):** NA
Depth to Water (ft): 6.5	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MuliRAE		**Sampler Diameter (in):** 1.5
Meter No.: NA	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-5	Light brown very fine SAND, little silt, coarse sand, trace brick, concrete		0		NA		2.5	0	4-6.5	Some large cobblestones in hand cleared hole
5-10	5-10	Light brown very fine SAND, little silt, coarse sand, trace brick, concrete	▽	5		NA		3.0	0		
		EOB 10 Feet BGS		10							
				15							
				20							
				25							
				30							

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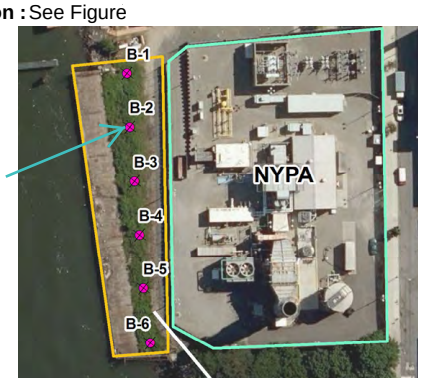
Environmental Boring Log
Boring ID: **B2**

Location : See Figure



Project Name: North First Street Parcel IV		**Northing:**
Project No.: 147-141847		**Easting:**
Project Location: Brooklyn, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison		**Drilling Equipment:** Geoprobe 7010
Work Order/Client No.:		**Drilling Method:** Push Probe
Inspector: MV Pantliano		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/3/13	**Date Completed:** 5/3/13	**Drop (in):** NA
Depth to Water (ft): 7	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MuliRAE		**Sampler Diameter (in):** 1.5
Meter No.: NA	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-5	Light brown very fine SAND little silt, brick, asphalt, concrete, trace slag		0		NA		1.7	0	5-7	Refusal at 8' (wood) at 1 of 2 borings
5-10	5-10	Light brown very fine SAND little silt, brick, asphalt, concrete, trace slag	▽	5		NA		2.3	0		
		EOB 10 Feet BGS		10							
				15							
				20							
				25							
				30							

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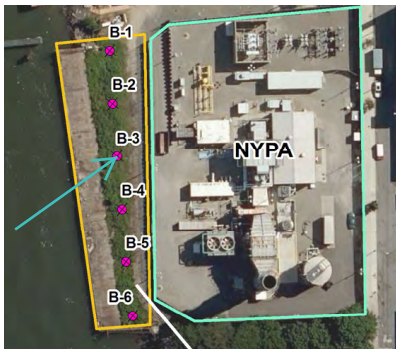
Environmental Boring Log
Boring ID: **B3**

Location : See Figure



Project Name: North First Street Parcel IV		**Northing:**
Project No.: 147-141847		**Easting:**
Project Location: Brooklyn, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison		**Drilling Equipment:** Geoprobe 7010
Work Order/Client No.:		**Drilling Method:** Push Probe
Inspector: MV Pantliano		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/3/13	**Date Completed:** 5/3/13	**Drop (in):** NA
Depth to Water (ft): 6	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MuliRAE		**Sampler Diameter (in):** 1.5
Meter No.: NA	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-5	Brown Very fine SAND, little silt, trace brick, wood, concrete		0		NA		1.7	0	4.5-6.0	Concrete 4.25-4.5 ft bgs
5-10	5-6	Brown Very fine SAND, little silt, trace brick, wood, concrete	▽	5		NA		3.9	0		
	6-8	Tan very fine SAND and silt							0		
	8-10	Black Gravel some coarse sand, little silt							0		
		EOB 10 Feet BGS		10							
				15							
				20							
				25							
				30							

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Environmental Boring Log
Boring ID: **B4**

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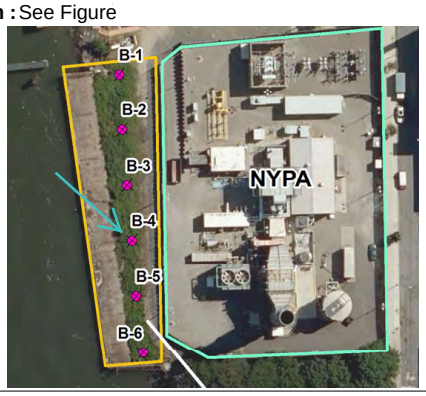
Project Name: North First Street Parcel IV		**Northing:**
Project No.: 147-141847		**Easting:**
Project Location: Brooklyn, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison		**Drilling Equipment:** Geoprobe 7010
Work Order/Client No.:		**Drilling Method:** Push Probe
Inspector: MV Pantliano		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/3/13	**Date Completed:** 5/3/13	**Drop (in):** NA
Depth to Water (ft): 5	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MuliRAE		**Sampler Diameter (in):** 1.5
Meter No.: NA	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Location : See Figure



Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-5	Light brown very fine SAND, little silt, trace brick, coarse sand		0		NA		3.5	0	5-6.5	
5-10	5-6	Light brown very fine SAND, little silt, trace brick, coarse sand	▽	5		NA		3.2	0		
	6-10	Black very fine to fine SAND, some silt, trace gravel				NA			0		
		EOB 10 Feet BGS		10							
				15							
				20							
				25							
				30							

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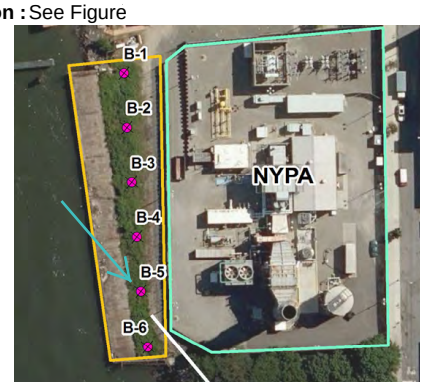
Environmental Boring Log
Boring ID: **B5**

Project Name: North First Street Parcel IV	**Northing:**
Project No.: 147-141847	**Easting:**
Project Location: Brooklyn, NY	**Elevation (Ft) :** NA
Client Name: Consolidated Edison	**Drilling Equipment:** Geoprobe 7010
Work Order/Client No.:	**Drilling Method:** Push Probe
Inspector: MV Pantliano	**Boring Diameter (in):** 2
Driller: ADT	**Hammer (lbs):** NA
Date Started: 5/3/13 — **Date Completed:** 5/3/13	**Drop (in):** NA
Depth to Water (ft): 6.5 — **Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MuliRAE	**Sampler Diameter (in):** 1.5
Meter No.: NA — **Lamp eV:** 10.6	**Sampler Length (ft):** 5

Location : See Figure



Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-5	Light brown very fine SAND, some silt,little coarse sand, gravel trace concrete, brick,		0		NA		2.2	0	5-6.5	
5-10	5-5.5	Light brown very fine SAND, some silt,little coarse sand, gravel trace concrete, brick,	▽	5		NA		3.1	0		Thin green silty sand layer at 6.7 with high plasiticy
	5.5-10	Black fine to medium SAND little silt		10		NA			0		
		EOB 10 Feet BGS		15							
				20							
				25							
				30							

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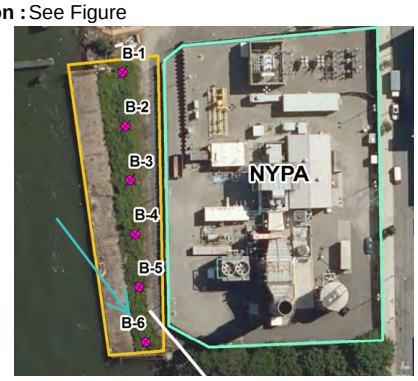
Environmental Boring Log
Boring ID: **B6**

Location : See Figure



Project Name: North First Street Parcel IV		**Northing:**
Project No.: 147-141847		**Easting:**
Project Location: Brooklyn, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison		**Drilling Equipment:** Geoprobe 7010
Work Order/Client No.:		**Drilling Method:** Push Probe
Inspector: MV Pantliano		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/3/13	**Date Completed:** 5/3/13	**Drop (in):** NA
Depth to Water (ft): 6.5	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MuliRAE		**Sampler Diameter (in):** 1.5
Meter No.: NA	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-4	Light brown fine to meduim SAND, little silt, little cobbles trace brick, gravel, concrete		0		NA		2.7	0	5-6.5	
	4-5	Black medium to coarse SAND, little gravel, brick, concrete, trace silt		5		NA			0		
5-10	5-10	Black medium to coarse SAND, little gravel, brick, concrete, trace silt	▽			NA		3.1	0		
		EOB 10 Feet BGS		10							
				15							
				20							
				25							
				30							

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Appendix B – Temporary Well Construction Logs

DRILLING SUMMARY

Geologist: Michael Pantliano

Drilling Company: Aquifer Drilling and Testing

Driller:

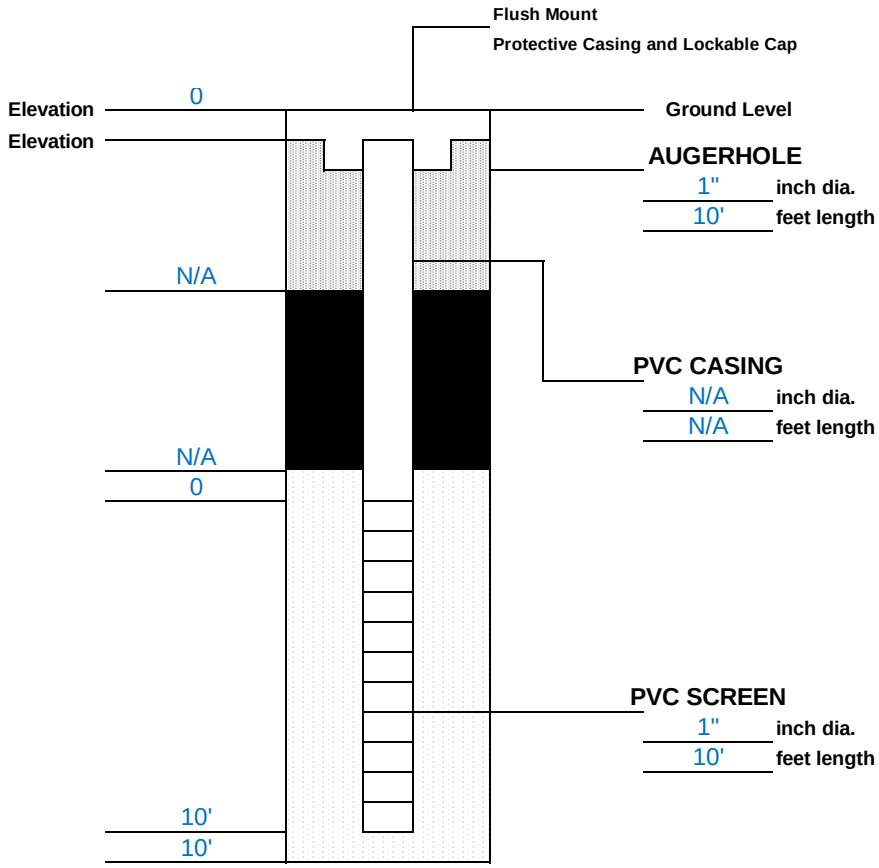
Rig Make/Model: GeoProbe 6620

Date: 5/3/2013

GEOLOGIC LOG

Depth(ft.)	Description
	See B-2 Boring Log for Lithology Details

DEPTH



WELL DESIGN

CASING MATERIAL	*SCREEN MATERIAL*	*FILTER MATERIAL*
Surface: N/A Temporary Well	**Type:** 1" PVC (Temp)	**Type:** N/A **Setting:** N/A
Monitor: 1" PVC (Temp)	**Slot Size:** .020"	***SEAL MATERIAL*** **Type:** N/A **Setting:** N/A

COMMENTS:

LEGEND

- Cement/Bentonite Grout
- Bentonite Seal
- Silica Sandpack

Client: Con Edison - NY	**Location:** NFST-Parcel IV	**Project No.:** 147-141847-003
HDR | ONE COMPANY *Many Solutions*	**TEMPORARY MONITORING WELL CONSTRUCTION DETAILS**	**Well Number:** B-2

DRILLING SUMMARY

Geologist: Michael Pantliano

Drilling Company: Aquifer Drilling and Testing

Driller:

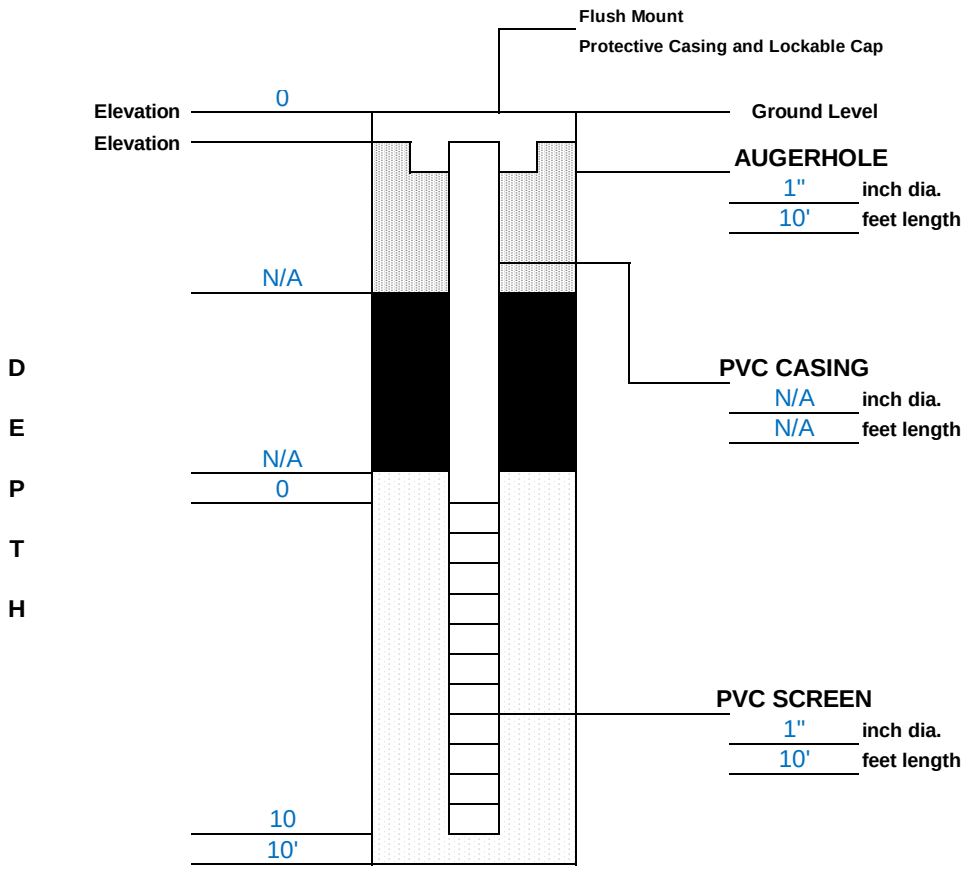
Rig Make/Model: GeoProbe 6620

Date: 5/3/2013

GEOLOGIC LOG

Depth(ft.)	Description
	See B-5 Boring Log for Lithology Details

WELL DESIGN



CASING MATERIAL	*SCREEN MATERIAL*	*FILTER MATERIAL*
Surface: N/A Temporary Well	**Type:** 1" PVC (Temp)	**Type:** N/A **Setting:** N/A
Monitor: 1" PVC (Temp)	**Slot Size:** .020"	***SEAL MATERIAL*** **Type:** N/A **Setting:** N/A

COMMENTS:

LEGEND

- Cement/Bentonite Grout
- Bentonite Seal
- Silica Sandpack

Client: Con Edison - NY	**Location:** NFST-Parcel IV	**Project No.:** 147-141847-003
HDR ONE COMPANY *Many Solutions*	**TEMPORARY MONITORING WELL CONSTRUCTION DETAILS**	**Well Number:** B-5

Appendix C – Laboratory Analytical Data Packages

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-55357-1

Job Description: Con Ed North 1st Street

For:
Henningson, Durham & Richardson
One Blue Hill Plaza
PO BOX 1509
Pearl River, NY 10965

Attention: Mr. Edward Schwetz

Approved for release.
Kristina Blocker
Project Manager I
5/15/2013 3:48 PM

Designee for
Melissa Haas, Project Manager I
128 Long Hill Cross Road, Shelton, CT, 06484
melissa.haas@testamericainc.com
05/15/2013
Revision: 1

cc: Mr. Brian Montroy
Mr. Michael Pantliano

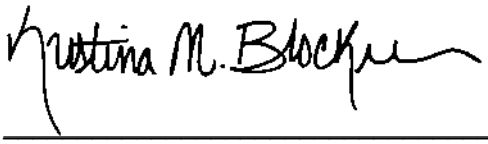
The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Job Number: 460-55357-1

Job Description: Con Ed North 1st Street

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Approved for release.
Kristina Blocker
Project Manager I
5/15/2013 3:48 PM

Designee for
Melissa Haas

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CASE NARRATIVE

Client: Henningson, Durham & Richardson

Project: Con Ed North 1st Street

Report Number: 460-55357-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 05/02/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.4° C.

Sample 460-55357-7: Metals may have been incorrectly diluted in the lab. New data has been uploaded and a revised report created.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS
Samples 460-55357-1 through 460-55357-7 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 05/03/2013.

The matrix duplicate %RPD for copper associated with batch 158778 was outside the control limits.

Samples 460-55357-1 through 460-55357-7(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS
Sample 460-55357-9 was analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 05/03/2013.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY
Sample 460-55357-9 was analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 05/03/2013.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples 460-55357-1 through 460-55357-7 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The

samples were prepared and analyzed on 05/05/2013.

Sample 460-55357-7(2X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Hg analyses.

All quality control parameters were within the acceptance limits.

ORGANOCHLORINE PESTICIDES
Sample 460-55357-2 was analyzed for organochlorine pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 05/04/2013 and analyzed on 05/06/2013.

The closing calibration verification (CCV) for multiple analytes associated with batch 159367 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. (CCV 460-159367/22)

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples 460-55357-1 through 460-55357-7 were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared on 05/04/2013 and analyzed on 05/05/2013.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)
Sample 460-55357-9 was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 05/03/2013 and analyzed on 05/05/2013.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria high for LCS 460-158770/2-A. Aroclor 1016 and Aroclor 1260 failed the recovery criteria high for LCSD 460-158770/3-A. Refer to the QC report for details.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-55357-1 through 460-55357-7 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 05/02/2013 and analyzed on 05/05/2013.

Acetone was detected in method blank LB3 460-158707/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-159050/4 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-55357-8 and 460-55357-9 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/03/2013.

2-Butanone failed the recovery criteria high for LCS 460-158768/3. Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-55357-1 through 460-55357-7 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 05/05/2013 and 05/06/2013 and analyzed on 05/08/2013 and 05/09/2013.

Samples 460-55357-2(2X) and 460-55357-7(2X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the semivolatiles analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 460-55357-9 was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 05/04/2013 and analyzed on 05/06/2013.

No difficulties were encountered during the semivolatiles analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples 460-55357-1 through 460-55357-7 were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 05/03/2013.

No difficulties were encountered during the %solids/moisture analyses.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55357-1	**B1 (0-0.5)**					
Acetone		76	B	11	ug/Kg	8260B
Ethylbenzene		1.3		1.1	ug/Kg	8260B
Xylenes, Total		8.1		3.2	ug/Kg	8260B
Acenaphthene		64	J	350	ug/Kg	8270C
Acenaphthylene		120	J	350	ug/Kg	8270C
Anthracene		180	J	350	ug/Kg	8270C
Benzo[a]anthracene		840		35	ug/Kg	8270C
Benzo[a]pyrene		930		35	ug/Kg	8270C
Benzo[b]fluoranthene		990		35	ug/Kg	8270C
Benzo[g,h,i]perylene		910		350	ug/Kg	8270C
Benzo[k]fluoranthene		390		35	ug/Kg	8270C
Carbazole		79	J	350	ug/Kg	8270C
Chrysene		890		350	ug/Kg	8270C
Dibenz(a,h)anthracene		230		35	ug/Kg	8270C
Dibenzofuran		48	J	350	ug/Kg	8270C
Fluoranthene		1900		350	ug/Kg	8270C
Fluorene		94	J	350	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		920		35	ug/Kg	8270C
2-Methylnaphthalene		410		350	ug/Kg	8270C
Naphthalene		260	J	350	ug/Kg	8270C
Phenanthrene		740		350	ug/Kg	8270C
Pyrene		990		350	ug/Kg	8270C
Aluminum		5810		40.8	mg/Kg	6010B
Arsenic		11.8		1.0	mg/Kg	6010B
Barium		115		40.8	mg/Kg	6010B
Beryllium		0.32	J	0.41	mg/Kg	6010B
Cadmium		0.31	J	1.0	mg/Kg	6010B
Calcium		14700		1020	mg/Kg	6010B
Chromium		20.0		2.0	mg/Kg	6010B
Cobalt		5.4	J	10.2	mg/Kg	6010B
Copper		53.4		5.1	mg/Kg	6010B
Iron		16100		30.6	mg/Kg	6010B
Lead		201		1.0	mg/Kg	6010B
Magnesium		3050		1020	mg/Kg	6010B
Manganese		241		3.1	mg/Kg	6010B
Nickel		16.3		8.2	mg/Kg	6010B
Potassium		874	J	1020	mg/Kg	6010B
Sodium		223	J	1020	mg/Kg	6010B
Vanadium		26.6		10.2	mg/Kg	6010B
Zinc		163		6.1	mg/Kg	6010B
Mercury		0.41		0.017	mg/Kg	7471A
Percent Moisture		5.8		1.0	%	Moisture
Percent Solids		94.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55357-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55357-2	**B2 (0-0.5)**					
Benzene		0.47	J	1.1	ug/Kg	8260B
Toluene		0.23	J	1.1	ug/Kg	8260B
Acenaphthene		110	J	690	ug/Kg	8270C
Anthracene		230	J	690	ug/Kg	8270C
Benzo[a]anthracene		730		69	ug/Kg	8270C
Benzo[a]pyrene		690		69	ug/Kg	8270C
Benzo[b]fluoranthene		770		69	ug/Kg	8270C
Benzo[g,h,i]perylene		570	J	690	ug/Kg	8270C
Benzo[k]fluoranthene		300		69	ug/Kg	8270C
Carbazole		110	J	690	ug/Kg	8270C
Chrysene		750		690	ug/Kg	8270C
Dibenz(a,h)anthracene		120		69	ug/Kg	8270C
Fluoranthene		1700		690	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		560		69	ug/Kg	8270C
Phenanthrene		970		690	ug/Kg	8270C
Pyrene		880		690	ug/Kg	8270C
4,4'-DDT		4.2	J	7.0	ug/Kg	8081A
Aluminum		5630		39.8	mg/Kg	6010B
Antimony		1.2	J	2.0	mg/Kg	6010B
Arsenic		4.9		1.0	mg/Kg	6010B
Barium		97.2		39.8	mg/Kg	6010B
Beryllium		0.31	J	0.40	mg/Kg	6010B
Cadmium		0.36	J	1.0	mg/Kg	6010B
Calcium		19100		995	mg/Kg	6010B
Chromium		18.1		2.0	mg/Kg	6010B
Cobalt		4.9	J	10	mg/Kg	6010B
Copper		47.1		5.0	mg/Kg	6010B
Iron		17000		29.9	mg/Kg	6010B
Lead		192		1.0	mg/Kg	6010B
Magnesium		3380		995	mg/Kg	6010B
Manganese		236		3.0	mg/Kg	6010B
Nickel		16.9		8.0	mg/Kg	6010B
Potassium		1010		995	mg/Kg	6010B
Sodium		184	J	995	mg/Kg	6010B
Vanadium		28.6		10	mg/Kg	6010B
Zinc		185		6.0	mg/Kg	6010B
Mercury		0.82		0.017	mg/Kg	7471A
Percent Moisture		4.3		1.0	%	Moisture
Percent Solids		95.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55357-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55357-3	**B3 (0-0.5)**					
Acenaphthene		62	J	350	ug/Kg	8270C
Acenaphthylene		93	J	350	ug/Kg	8270C
Anthracene		300	J	350	ug/Kg	8270C
Benzo[a]anthracene		1300		35	ug/Kg	8270C
Benzo[a]pyrene		1200		35	ug/Kg	8270C
Benzo[b]fluoranthene		1500		35	ug/Kg	8270C
Benzo[g,h,i]perylene		390		350	ug/Kg	8270C
Benzo[k]fluoranthene		540		35	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		170	J	350	ug/Kg	8270C
Carbazole		84	J	350	ug/Kg	8270C
Chrysene		1400		350	ug/Kg	8270C
Dibenz(a,h)anthracene		140		35	ug/Kg	8270C
Dibenzofuran		45	J	350	ug/Kg	8270C
Fluoranthene		1500		350	ug/Kg	8270C
Fluorene		60	J	350	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		550		35	ug/Kg	8270C
Naphthalene		52	J	350	ug/Kg	8270C
Phenanthrene		1000		350	ug/Kg	8270C
Pyrene		2400		350	ug/Kg	8270C
Aluminum		6030		38.3	mg/Kg	6010B
Arsenic		5.2		0.96	mg/Kg	6010B
Barium		97.1		38.3	mg/Kg	6010B
Beryllium		0.31	J	0.38	mg/Kg	6010B
Cadmium		0.35	J	0.96	mg/Kg	6010B
Calcium		26500		958	mg/Kg	6010B
Chromium		17.4		1.9	mg/Kg	6010B
Cobalt		5.0	J	9.6	mg/Kg	6010B
Copper		48.6		4.8	mg/Kg	6010B
Iron		14700		28.7	mg/Kg	6010B
Lead		204		0.96	mg/Kg	6010B
Magnesium		3750		958	mg/Kg	6010B
Manganese		243		2.9	mg/Kg	6010B
Nickel		16.1		7.7	mg/Kg	6010B
Potassium		1000		958	mg/Kg	6010B
Sodium		257	J	958	mg/Kg	6010B
Vanadium		21.8		9.6	mg/Kg	6010B
Zinc		206		5.7	mg/Kg	6010B
Mercury		0.62		0.017	mg/Kg	7471A
Percent Moisture		6.0		1.0	%	Moisture
Percent Solids		94.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55357-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55357-4	**B4 (0-0.5)**					
Acenaphthene		280	J	350	ug/Kg	8270C
Anthracene		870		350	ug/Kg	8270C
Benzo[a]anthracene		2300		35	ug/Kg	8270C
Benzo[a]pyrene		2500		35	ug/Kg	8270C
Benzo[b]fluoranthene		2800		35	ug/Kg	8270C
Benzo[g,h,i]perylene		2000		350	ug/Kg	8270C
Benzo[k]fluoranthene		940		35	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		200	J	350	ug/Kg	8270C
Carbazole		160	J	350	ug/Kg	8270C
Chrysene		2500		350	ug/Kg	8270C
Dibenz(a,h)anthracene		460		35	ug/Kg	8270C
Dibenzofuran		140	J	350	ug/Kg	8270C
Fluoranthene		6300		350	ug/Kg	8270C
Fluorene		220	J	350	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		2200		35	ug/Kg	8270C
2-Methylnaphthalene		49	J	350	ug/Kg	8270C
Naphthalene		64	J	350	ug/Kg	8270C
Phenanthrene		3500		350	ug/Kg	8270C
Pyrene		3900		350	ug/Kg	8270C
Aluminum		5760		39.9	mg/Kg	6010B
Arsenic		34.9		1.0	mg/Kg	6010B
Barium		190		39.9	mg/Kg	6010B
Beryllium		0.35	J	0.40	mg/Kg	6010B
Cadmium		0.46	J	1.0	mg/Kg	6010B
Calcium		10300		999	mg/Kg	6010B
Chromium		31.3		2.0	mg/Kg	6010B
Cobalt		5.5	J	10	mg/Kg	6010B
Copper		99.9		5.0	mg/Kg	6010B
Iron		18700		30.0	mg/Kg	6010B
Lead		308		1.0	mg/Kg	6010B
Magnesium		2420		999	mg/Kg	6010B
Manganese		284		3.0	mg/Kg	6010B
Nickel		19.8		8.0	mg/Kg	6010B
Potassium		911	J	999	mg/Kg	6010B
Sodium		267	J	999	mg/Kg	6010B
Vanadium		29.0		10	mg/Kg	6010B
Zinc		206		6.0	mg/Kg	6010B
Mercury		0.59		0.017	mg/Kg	7471A
Percent Moisture		4.6		1.0	%	Moisture
Percent Solids		95.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55357-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55357-5	**B5 (0-0.5)**					
Acenaphthene		68	J	350	ug/Kg	8270C
Acenaphthylene		98	J	350	ug/Kg	8270C
Anthracene		340	J	350	ug/Kg	8270C
Benzo[a]anthracene		1400		35	ug/Kg	8270C
Benzo[a]pyrene		1400		35	ug/Kg	8270C
Benzo[b]fluoranthene		1700		35	ug/Kg	8270C
Benzo[g,h,i]perylene		470		350	ug/Kg	8270C
Benzo[k]fluoranthene		620		35	ug/Kg	8270C
Carbazole		94	J	350	ug/Kg	8270C
Chrysene		1500		350	ug/Kg	8270C
Dibenz(a,h)anthracene		160		35	ug/Kg	8270C
Dibenzofuran		52	J	350	ug/Kg	8270C
Fluoranthene		1800		350	ug/Kg	8270C
Fluorene		51	J	350	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		550		35	ug/Kg	8270C
2-Methylnaphthalene		75	J	350	ug/Kg	8270C
Naphthalene		87	J	350	ug/Kg	8270C
Phenanthrene		1100		350	ug/Kg	8270C
Pyrene		2500		350	ug/Kg	8270C
Aluminum		6050		40.8	mg/Kg	6010B
Arsenic		8.9		1.0	mg/Kg	6010B
Barium		115		40.8	mg/Kg	6010B
Beryllium		0.37	J	0.41	mg/Kg	6010B
Cadmium		0.30	J	1.0	mg/Kg	6010B
Calcium		6780		1020	mg/Kg	6010B
Chromium		22.0		2.0	mg/Kg	6010B
Cobalt		6.7	J	10.2	mg/Kg	6010B
Copper		74.6		5.1	mg/Kg	6010B
Iron		23100		30.6	mg/Kg	6010B
Lead		288		1.0	mg/Kg	6010B
Magnesium		2520		1020	mg/Kg	6010B
Manganese		391		3.1	mg/Kg	6010B
Nickel		18.7		8.2	mg/Kg	6010B
Potassium		1050		1020	mg/Kg	6010B
Sodium		194	J	1020	mg/Kg	6010B
Vanadium		28.9		10.2	mg/Kg	6010B
Zinc		170		6.1	mg/Kg	6010B
Mercury		0.47		0.017	mg/Kg	7471A
Percent Moisture		5.7		1.0	%	Moisture
Percent Solids		94.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55357-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55357-6	**B6 (0-0.5)**					
Anthracene		83	J	340	ug/Kg	8270C
Benzo[a]anthracene		400		34	ug/Kg	8270C
Benzo[a]pyrene		360		34	ug/Kg	8270C
Benzo[b]fluoranthene		360		34	ug/Kg	8270C
Benzo[g,h,i]perylene		120	J	340	ug/Kg	8270C
Benzo[k]fluoranthene		180		34	ug/Kg	8270C
Carbazole		43	J	340	ug/Kg	8270C
Chrysene		410		340	ug/Kg	8270C
Fluoranthene		450		340	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		160		34	ug/Kg	8270C
Phenanthrene		390		340	ug/Kg	8270C
Pyrene		750		340	ug/Kg	8270C
Aluminum		2590		37.4	mg/Kg	6010B
Arsenic		3.2		0.93	mg/Kg	6010B
Barium		28.5	J	37.4	mg/Kg	6010B
Beryllium		0.27	J	0.37	mg/Kg	6010B
Calcium		3680		935	mg/Kg	6010B
Chromium		9.9		1.9	mg/Kg	6010B
Cobalt		3.8	J	9.3	mg/Kg	6010B
Copper		19.1		4.7	mg/Kg	6010B
Iron		9470		28.0	mg/Kg	6010B
Lead		62.7		0.93	mg/Kg	6010B
Magnesium		1190		935	mg/Kg	6010B
Manganese		118		2.8	mg/Kg	6010B
Nickel		9.1		7.5	mg/Kg	6010B
Potassium		739	J	935	mg/Kg	6010B
Vanadium		11.2		9.3	mg/Kg	6010B
Zinc		69.9		5.6	mg/Kg	6010B
Mercury		0.15		0.017	mg/Kg	7471A
Percent Moisture		2.7		1.0	%	Moisture
Percent Solids		97.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55357-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55357-7	**B7 (0-0.5)**					
Acetone		3.7	J B	12	ug/Kg	8260B
Anthracene		200	J	690	ug/Kg	8270C
Benzo[a]anthracene		710		69	ug/Kg	8270C
Benzo[a]pyrene		670		69	ug/Kg	8270C
Benzo[b]fluoranthene		780		69	ug/Kg	8270C
Benzo[g,h,i]perylene		240	J	690	ug/Kg	8270C
Benzo[k]fluoranthene		350		69	ug/Kg	8270C
Carbazole		82	J	690	ug/Kg	8270C
Chrysene		820		690	ug/Kg	8270C
Dibenz(a,h)anthracene		140		69	ug/Kg	8270C
Fluoranthene		980		690	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		320		69	ug/Kg	8270C
Phenanthrene		650	J	690	ug/Kg	8270C
Pyrene		1200		690	ug/Kg	8270C
Aluminum		5940		41.8	mg/Kg	6010B
Arsenic		5.4		1.0	mg/Kg	6010B
Barium		101		41.8	mg/Kg	6010B
Beryllium		0.29	J	0.42	mg/Kg	6010B
Cadmium		0.59	J	1.0	mg/Kg	6010B
Calcium		23600		1040	mg/Kg	6010B
Chromium		17.5		2.1	mg/Kg	6010B
Cobalt		4.8	J	10.4	mg/Kg	6010B
Copper		72.5		5.2	mg/Kg	6010B
Iron		14000		31.3	mg/Kg	6010B
Lead		176		1.0	mg/Kg	6010B
Magnesium		3680		1040	mg/Kg	6010B
Manganese		218		3.1	mg/Kg	6010B
Nickel		17.5		8.4	mg/Kg	6010B
Potassium		1190		1040	mg/Kg	6010B
Sodium		171	J	1040	mg/Kg	6010B
Vanadium		25.5		10.4	mg/Kg	6010B
Zinc		159		6.3	mg/Kg	6010B
Mercury		0.91		0.034	mg/Kg	7471A
Percent Moisture		4.2		1.0	%	Moisture
Percent Solids		95.8		1.0	%	Moisture
460-55357-8	**TRIP BLANK**					
Methylene Chloride		1.7		1.0	ug/L	8260B
Chloroform		0.29	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55357-9	**FB-1**					
Methylene Chloride		1.6		1.0	ug/L	8260B
Chloroform		0.30	J	1.0	ug/L	8260B
Calcium		308	J	5000	ug/L	6010B

METHOD SUMMARY

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081A	
Microwave Extraction	TAL EDI		SW846 3546
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Microwave Extraction	TAL EDI		SW846 3546
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury (CVAA)	TAL EDI	SW846 7471A	
Preparation, Mercury	TAL EDI		SW846 7471A
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Desai, Saurab	SD
SW846 8270C	Rana, Vidhi	VR
SW846 8270C	Shalayda, Monica	MS
SW846 8081A	Manlangit, Ferdie	FM
SW846 8082	Boykin, Carol B	CBB
SW846 6010B	Chang, Churn Der	CDC
SW846 7470A	Staib, Thomas	TS
SW846 7471A	Patel, Purva H	PHP
EPA Moisture	Armbruster, Chris	CHA

SAMPLE SUMMARY

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-55357-1	B1 (0-0.5)	Solid	05/02/2013 0945	05/02/2013 1645
460-55357-2	B2 (0-0.5)	Solid	05/02/2013 1015	05/02/2013 1645
460-55357-3	B3 (0-0.5)	Solid	05/02/2013 1050	05/02/2013 1645
460-55357-4	B4 (0-0.5)	Solid	05/02/2013 1115	05/02/2013 1645
460-55357-5	B5 (0-0.5)	Solid	05/02/2013 1140	05/02/2013 1645
460-55357-6	B6 (0-0.5)	Solid	05/02/2013 1335	05/02/2013 1645
460-55357-7	B7 (0-0.5)	Solid	05/02/2013 1445	05/02/2013 1645
460-55357-8	Trip Blank	Water	05/02/2013 0000	05/02/2013 1645
460-55357-9	FB-1	Water	05/02/2013 1500	05/02/2013 1645

SAMPLE RESULTS

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B1 (0-0.5)**

Lab Sample ID: 460-55357-1
Client Matrix: Solid
% Moisture: 5.8
Date Sampled: 05/02/2013 0945
Date Received: 05/02/2013 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159050	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-158707	Lab File ID:	o73529.d
Dilution:	1.0			Initial Weight/Volume:	4.99 g
Analysis Date:	05/05/2013 2006			Final Weight/Volume:	5 mL
Prep Date:	05/02/2013 2130				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		76	B	1.8	11
Benzene		1.1	U	0.16	1.1
Bromodichloromethane		1.1	U	0.34	1.1
Bromoform		1.1	U	0.18	1.1
Bromomethane		1.1	U	0.46	1.1
Carbon disulfide		1.1	U	0.16	1.1
Carbon tetrachloride		1.1	U	0.16	1.1
Chlorobenzene		1.1	U	0.19	1.1
Chloroethane		1.1	U	0.35	1.1
Chloroform		1.1	U	0.26	1.1
Chloromethane		1.1	U	0.17	1.1
cis-1,2-Dichloroethene		1.1	U	0.12	1.1
cis-1,3-Dichloropropene		1.1	U	0.15	1.1
Dibromochloromethane		1.1	U	0.11	1.1
1,1-Dichloroethane		1.1	U	0.12	1.1
1,2-Dichloroethane		1.1	U	0.19	1.1
1,1-Dichloroethene		1.1	U	0.20	1.1
1,2-Dichloropropane		1.1	U	0.16	1.1
Ethylbenzene		1.3		0.18	1.1
2-Hexanone		11	U	0.14	11
Methylene Chloride		1.1	U	0.16	1.1
Methyl Ethyl Ketone		11	U	0.67	11
1,2-Dichloroethene, Total		2.1	U	0.21	2.1
Methyl isobutyl ketone (MIBK)		11	U	0.21	11
Styrene		1.1	U	0.30	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.096	1.1
Tetrachloroethene		1.1	U	0.13	1.1
Toluene		1.1	U	0.15	1.1
trans-1,2-Dichloroethene		1.1	U	0.14	1.1
trans-1,3-Dichloropropene		1.1	U	0.11	1.1
1,1,1-Trichloroethane		1.1	U	0.14	1.1
1,1,2-Trichloroethane		1.1	U	0.15	1.1
Trichloroethene		1.1	U	0.13	1.1
Vinyl chloride		1.1	U	0.36	1.1
Xylenes, Total		8.1		0.71	3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	89		70 - 130
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
Toluene-d8 (Surr)	89		70 - 130

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B2 (0-0.5)**

Lab Sample ID: 460-55357-2 | Date Sampled: 05/02/2013 1015
Client Matrix: Solid | % Moisture: 4.3 | Date Received: 05/02/2013 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159050	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-158707	Lab File ID:	o73530.d
Dilution:	1.0			Initial Weight/Volume:	4.90 g
Analysis Date:	05/05/2013 2031			Final Weight/Volume:	5 mL
Prep Date:	05/02/2013 2131				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		11	U	1.8	11
Benzene		0.47	J	0.16	1.1
Bromodichloromethane		1.1	U	0.34	1.1
Bromoform		1.1	U	0.18	1.1
Bromomethane		1.1	U	0.46	1.1
Carbon disulfide		1.1	U	0.16	1.1
Carbon tetrachloride		1.1	U	0.16	1.1
Chlorobenzene		1.1	U	0.19	1.1
Chloroethane		1.1	U	0.35	1.1
Chloroform		1.1	U	0.26	1.1
Chloromethane		1.1	U	0.17	1.1
cis-1,2-Dichloroethene		1.1	U	0.12	1.1
cis-1,3-Dichloropropene		1.1	U	0.15	1.1
Dibromochloromethane		1.1	U	0.11	1.1
1,1-Dichloroethane		1.1	U	0.12	1.1
1,2-Dichloroethane		1.1	U	0.19	1.1
1,1-Dichloroethene		1.1	U	0.20	1.1
1,2-Dichloropropane		1.1	U	0.16	1.1
Ethylbenzene		1.1	U	0.18	1.1
2-Hexanone		11	U	0.14	11
Methylene Chloride		1.1	U	0.16	1.1
Methyl Ethyl Ketone		11	U	0.67	11
1,2-Dichloroethene, Total		2.1	U	0.21	2.1
Methyl isobutyl ketone (MIBK)		11	U	0.21	11
Styrene		1.1	U	0.30	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.096	1.1
Tetrachloroethene		1.1	U	0.13	1.1
Toluene		0.23	J	0.15	1.1
trans-1,2-Dichloroethene		1.1	U	0.14	1.1
trans-1,3-Dichloropropene		1.1	U	0.11	1.1
1,1,1-Trichloroethane		1.1	U	0.14	1.1
1,1,2-Trichloroethane		1.1	U	0.15	1.1
Trichloroethene		1.1	U	0.13	1.1
Vinyl chloride		1.1	U	0.36	1.1
Xylenes, Total		3.2	U	0.71	3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	88		70 - 130
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
Toluene-d8 (Surr)	88		70 - 130

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B3 (0-0.5)**

Lab Sample ID: 460-55357-3 | Date Sampled: 05/02/2013 1050
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 05/02/2013 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159050	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-158707	Lab File ID:	o73531.d
Dilution:	1.0			Initial Weight/Volume:	4.86 g
Analysis Date:	05/05/2013 2056			Final Weight/Volume:	5 mL
Prep Date:	05/02/2013 2132				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		11	U	1.8	11
Benzene		1.1	U	0.16	1.1
Bromodichloromethane		1.1	U	0.35	1.1
Bromoform		1.1	U	0.19	1.1
Bromomethane		1.1	U	0.47	1.1
Carbon disulfide		1.1	U	0.16	1.1
Carbon tetrachloride		1.1	U	0.16	1.1
Chlorobenzene		1.1	U	0.20	1.1
Chloroethane		1.1	U	0.36	1.1
Chloroform		1.1	U	0.26	1.1
Chloromethane		1.1	U	0.18	1.1
cis-1,2-Dichloroethene		1.1	U	0.12	1.1
cis-1,3-Dichloropropene		1.1	U	0.15	1.1
Dibromochloromethane		1.1	U	0.11	1.1
1,1-Dichloroethane		1.1	U	0.12	1.1
1,2-Dichloroethane		1.1	U	0.20	1.1
1,1-Dichloroethene		1.1	U	0.21	1.1
1,2-Dichloropropane		1.1	U	0.16	1.1
Ethylbenzene		1.1	U	0.19	1.1
2-Hexanone		11	U	0.14	11
Methylene Chloride		1.1	U	0.16	1.1
Methyl Ethyl Ketone		11	U	0.69	11
1,2-Dichloroethene, Total		2.2	U	0.22	2.2
Methyl isobutyl ketone (MIBK)		11	U	0.22	11
Styrene		1.1	U	0.31	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.098	1.1
Tetrachloroethene		1.1	U	0.13	1.1
Toluene		1.1	U	0.15	1.1
trans-1,2-Dichloroethene		1.1	U	0.14	1.1
trans-1,3-Dichloropropene		1.1	U	0.11	1.1
1,1,1-Trichloroethane		1.1	U	0.14	1.1
1,1,2-Trichloroethane		1.1	U	0.15	1.1
Trichloroethene		1.1	U	0.13	1.1
Vinyl chloride		1.1	U	0.37	1.1
Xylenes, Total		3.3	U	0.73	3.3

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	88		70 - 130
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	86		70 - 130

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B4 (0-0.5)**

Lab Sample ID: 460-55357-4 | Date Sampled: 05/02/2013 1115
Client Matrix: Solid | % Moisture: 4.6 | Date Received: 05/02/2013 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159050	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-158707	Lab File ID:	o73532.d
Dilution:	1.0			Initial Weight/Volume:	5.15 g
Analysis Date:	05/05/2013 2121			Final Weight/Volume:	5 mL
Prep Date:	05/02/2013 2133				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		10	U	1.7	10
Benzene		1.0	U	0.15	1.0
Bromodichloromethane		1.0	U	0.33	1.0
Bromoform		1.0	U	0.17	1.0
Bromomethane		1.0	U	0.44	1.0
Carbon disulfide		1.0	U	0.15	1.0
Carbon tetrachloride		1.0	U	0.15	1.0
Chlorobenzene		1.0	U	0.18	1.0
Chloroethane		1.0	U	0.34	1.0
Chloroform		1.0	U	0.24	1.0
Chloromethane		1.0	U	0.16	1.0
cis-1,2-Dichloroethene		1.0	U	0.11	1.0
cis-1,3-Dichloropropene		1.0	U	0.14	1.0
Dibromochloromethane		1.0	U	0.10	1.0
1,1-Dichloroethane		1.0	U	0.11	1.0
1,2-Dichloroethane		1.0	U	0.18	1.0
1,1-Dichloroethene		1.0	U	0.19	1.0
1,2-Dichloropropane		1.0	U	0.15	1.0
Ethylbenzene		1.0	U	0.17	1.0
2-Hexanone		10	U	0.13	10
Methylene Chloride		1.0	U	0.15	1.0
Methyl Ethyl Ketone		10	U	0.64	10
1,2-Dichloroethene, Total		2.0	U	0.20	2.0
Methyl isobutyl ketone (MIBK)		10	U	0.20	10
Styrene		1.0	U	0.29	1.0
1,1,2,2-Tetrachloroethane		1.0	U	0.092	1.0
Tetrachloroethene		1.0	U	0.12	1.0
Toluene		1.0	U	0.14	1.0
trans-1,2-Dichloroethene		1.0	U	0.13	1.0
trans-1,3-Dichloropropene		1.0	U	0.10	1.0
1,1,1-Trichloroethane		1.0	U	0.13	1.0
1,1,2-Trichloroethane		1.0	U	0.14	1.0
Trichloroethene		1.0	U	0.12	1.0
Vinyl chloride		1.0	U	0.35	1.0
Xylenes, Total		3.1	U	0.68	3.1

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	82		70 - 130
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	87		70 - 130

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B5 (0-0.5)**

Lab Sample ID: 460-55357-5 | Date Sampled: 05/02/2013 1140
Client Matrix: Solid | % Moisture: 5.7 | Date Received: 05/02/2013 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159050	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-158707	Lab File ID:	o73533.d
Dilution:	1.0			Initial Weight/Volume:	4.87 g
Analysis Date:	05/05/2013 2146			Final Weight/Volume:	5 mL
Prep Date:	05/02/2013 2134				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		11	U	1.8	11
Benzene		1.1	U	0.16	1.1
Bromodichloromethane		1.1	U	0.35	1.1
Bromoform		1.1	U	0.19	1.1
Bromomethane		1.1	U	0.47	1.1
Carbon disulfide		1.1	U	0.16	1.1
Carbon tetrachloride		1.1	U	0.16	1.1
Chlorobenzene		1.1	U	0.20	1.1
Chloroethane		1.1	U	0.36	1.1
Chloroform		1.1	U	0.26	1.1
Chloromethane		1.1	U	0.17	1.1
cis-1,2-Dichloroethene		1.1	U	0.12	1.1
cis-1,3-Dichloropropene		1.1	U	0.15	1.1
Dibromochloromethane		1.1	U	0.11	1.1
1,1-Dichloroethane		1.1	U	0.12	1.1
1,2-Dichloroethane		1.1	U	0.20	1.1
1,1-Dichloroethene		1.1	U	0.21	1.1
1,2-Dichloropropane		1.1	U	0.16	1.1
Ethylbenzene		1.1	U	0.19	1.1
2-Hexanone		11	U	0.14	11
Methylene Chloride		1.1	U	0.16	1.1
Methyl Ethyl Ketone		11	U	0.69	11
1,2-Dichloroethene, Total		2.2	U	0.22	2.2
Methyl isobutyl ketone (MIBK)		11	U	0.22	11
Styrene		1.1	U	0.30	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.098	1.1
Tetrachloroethene		1.1	U	0.13	1.1
Toluene		1.1	U	0.15	1.1
trans-1,2-Dichloroethene		1.1	U	0.14	1.1
trans-1,3-Dichloropropene		1.1	U	0.11	1.1
1,1,1-Trichloroethane		1.1	U	0.14	1.1
1,1,2-Trichloroethane		1.1	U	0.15	1.1
Trichloroethene		1.1	U	0.13	1.1
Vinyl chloride		1.1	U	0.37	1.1
Xylenes, Total		3.3	U	0.73	3.3

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	85		70 - 130
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Toluene-d8 (Surr)	94		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B6 (0-0.5)**

Lab Sample ID: 460-55357-6
Client Matrix: Solid
% Moisture: 2.7

Date Sampled: 05/02/2013 1335
Date Received: 05/02/2013 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159050	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-158707	Lab File ID:	o73534.d
Dilution:	1.0			Initial Weight/Volume:	4.73 g
Analysis Date:	05/05/2013 2211			Final Weight/Volume:	5 mL
Prep Date:	05/02/2013 2135				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		11	U	1.8	11
Benzene		1.1	U	0.16	1.1
Bromodichloromethane		1.1	U	0.35	1.1
Bromoform		1.1	U	0.18	1.1
Bromomethane		1.1	U	0.47	1.1
Carbon disulfide		1.1	U	0.16	1.1
Carbon tetrachloride		1.1	U	0.16	1.1
Chlorobenzene		1.1	U	0.20	1.1
Chloroethane		1.1	U	0.36	1.1
Chloroform		1.1	U	0.26	1.1
Chloromethane		1.1	U	0.17	1.1
cis-1,2-Dichloroethene		1.1	U	0.12	1.1
cis-1,3-Dichloropropene		1.1	U	0.15	1.1
Dibromochloromethane		1.1	U	0.11	1.1
1,1-Dichloroethane		1.1	U	0.12	1.1
1,2-Dichloroethane		1.1	U	0.20	1.1
1,1-Dichloroethene		1.1	U	0.21	1.1
1,2-Dichloropropane		1.1	U	0.16	1.1
Ethylbenzene		1.1	U	0.18	1.1
2-Hexanone		11	U	0.14	11
Methylene Chloride		1.1	U	0.16	1.1
Methyl Ethyl Ketone		11	U	0.68	11
1,2-Dichloroethene, Total		2.2	U	0.22	2.2
Methyl isobutyl ketone (MIBK)		11	U	0.22	11
Styrene		1.1	U	0.30	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.098	1.1
Tetrachloroethene		1.1	U	0.13	1.1
Toluene		1.1	U	0.15	1.1
trans-1,2-Dichloroethene		1.1	U	0.14	1.1
trans-1,3-Dichloropropene		1.1	U	0.11	1.1
1,1,1-Trichloroethane		1.1	U	0.14	1.1
1,1,2-Trichloroethane		1.1	U	0.15	1.1
Trichloroethene		1.1	U	0.13	1.1
Vinyl chloride		1.1	U	0.37	1.1
Xylenes, Total		3.3	U	0.73	3.3

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	86		70 - 130
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	88		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B7 (0-0.5)**

Lab Sample ID: 460-55357-7

Client Matrix: Solid

% Moisture: 4.2

Date Sampled: 05/02/2013 1445

Date Received: 05/02/2013 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159050	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-158707	Lab File ID:	o73535.d
Dilution:	1.0			Initial Weight/Volume:	4.34 g
Analysis Date:	05/05/2013 2235			Final Weight/Volume:	5 mL
Prep Date:	05/02/2013 2136				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		3.7	J B	2.0	12
Benzene		1.2	U	0.18	1.2
Bromodichloromethane		1.2	U	0.38	1.2
Bromoform		1.2	U	0.20	1.2
Bromomethane		1.2	U	0.52	1.2
Carbon disulfide		1.2	U	0.18	1.2
Carbon tetrachloride		1.2	U	0.18	1.2
Chlorobenzene		1.2	U	0.22	1.2
Chloroethane		1.2	U	0.40	1.2
Chloroform		1.2	U	0.29	1.2
Chloromethane		1.2	U	0.19	1.2
cis-1,2-Dichloroethene		1.2	U	0.13	1.2
cis-1,3-Dichloropropene		1.2	U	0.17	1.2
Dibromochloromethane		1.2	U	0.12	1.2
1,1-Dichloroethane		1.2	U	0.13	1.2
1,2-Dichloroethane		1.2	U	0.22	1.2
1,1-Dichloroethene		1.2	U	0.23	1.2
1,2-Dichloropropane		1.2	U	0.18	1.2
Ethylbenzene		1.2	U	0.20	1.2
2-Hexanone		12	U	0.16	12
Methylene Chloride		1.2	U	0.18	1.2
Methyl Ethyl Ketone		12	U	0.76	12
1,2-Dichloroethene, Total		2.4	U	0.24	2.4
Methyl isobutyl ketone (MIBK)		12	U	0.24	12
Styrene		1.2	U	0.34	1.2
1,1,2,2-Tetrachloroethane		1.2	U	0.11	1.2
Tetrachloroethene		1.2	U	0.14	1.2
Toluene		1.2	U	0.17	1.2
trans-1,2-Dichloroethene		1.2	U	0.16	1.2
trans-1,3-Dichloropropene		1.2	U	0.12	1.2
1,1,1-Trichloroethane		1.2	U	0.16	1.2
1,1,2-Trichloroethane		1.2	U	0.17	1.2
Trichloroethene		1.2	U	0.14	1.2
Vinyl chloride		1.2	U	0.41	1.2
Xylenes, Total		3.6	U	0.81	3.6

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	82		70 - 130
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
Toluene-d8 (Surr)	89		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-55357-8
Client Matrix: Water

Date Sampled: 05/02/2013 0000
Date Received: 05/02/2013 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-158768	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r01950.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/03/2013 1700			Final Weight/Volume:	5 mL
Prep Date:	05/03/2013 1700				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.7		0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.29	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U *	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Toluene-d8 (Surr)	89		70 - 130
Bromofluorobenzene	88		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55357-9
Client Matrix: Water

Date Sampled: 05/02/2013 1500
Date Received: 05/02/2013 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-158768	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r01951.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/03/2013 1726			Final Weight/Volume:	5 mL
Prep Date:	05/03/2013 1726				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.6		0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.30	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U *	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	88		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B1 (0-0.5)**

Lab Sample ID: 460-55357-1

Client Matrix: Solid

% Moisture: 5.8

Date Sampled: 05/02/2013 0945

Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159846	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-159028	Lab File ID:	z22014.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	05/09/2013 0130			Final Weight/Volume:	1 mL
Prep Date:	05/05/2013 1319			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		64	J	51	350
Acenaphthylene		120	J	42	350
Anthracene		180	J	43	350
Benzo[a]anthracene		840		2.5	35
Benzo[a]pyrene		930		2.5	35
Benzo[b]fluoranthene		990		2.2	35
Benzo[g,h,i]perylene		910		26	350
Benzo[k]fluoranthene		390		2.7	35
Benzyl alcohol		350	U	51	350
Bis(2-chloroethoxy)methane		350	U	45	350
Bis(2-chloroethyl)ether		35	U	4.8	35
Bis(2-ethylhexyl) phthalate		350	U	120	350
4-Bromophenyl phenyl ether		350	U	35	350
Butyl benzyl phthalate		350	U	32	350
Carbazole		79	J	42	350
4-Chloroaniline		350	U	93	350
4-Chloro-3-methylphenol		350	U	53	350
2-Chloronaphthalene		350	U	39	350
2-Chlorophenol		350	U	46	350
4-Chlorophenyl phenyl ether		350	U	41	350
Chrysene		890		41	350
Dibenz(a,h)anthracene		230		4.4	35
Dibenzofuran		48	J	41	350
1,2-Dichlorobenzene		350	U	41	350
1,3-Dichlorobenzene		350	U	32	350
1,4-Dichlorobenzene		350	U	40	350
3,3'-Dichlorobenzidine		710	U	120	710
2,4-Dichlorophenol		350	U	51	350
Diethyl phthalate		350	U	42	350
2,4-Dimethylphenol		350	U	87	350
Dimethyl phthalate		350	U	42	350
Di-n-butyl phthalate		350	U	43	350
4,6-Dinitro-2-methylphenol		1100	U	96	1100
2,4-Dinitrophenol		1100	U	200	1100
2,4-Dinitrotoluene		71	U	12	71
2,6-Dinitrotoluene		71	U	11	71
Di-n-octyl phthalate		350	U	22	350
Fluoranthene		1900		47	350
Fluorene		94	J	45	350
Hexachlorobenzene		35	U	4.8	35
Hexachlorobutadiene		71	U	8.6	71
Hexachlorocyclopentadiene		350	U	41	350
Hexachloroethane		35	U	3.9	35
Indeno[1,2,3-cd]pyrene		920		6.5	35
Isophorone		350	U	43	350
2-Methylnaphthalene		410		45	350

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B1 (0-0.5)**

Lab Sample ID: 460-55357-1 | Date Sampled: 05/02/2013 0945

Client Matrix: Solid | % Moisture: 5.8 | Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159846	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-159028	Lab File ID:	z22014.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	05/09/2013 0130			Final Weight/Volume:	1 mL
Prep Date:	05/05/2013 1319			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		350	U	60	350
4-Methylphenol		350	U	69	350
Naphthalene		260	J	41	350
2-Nitroaniline		710	U	150	710
3-Nitroaniline		710	U	120	710
4-Nitroaniline		710	U	110	710
Nitrobenzene		35	U	5.0	35
2-Nitrophenol		350	U	39	350
4-Nitrophenol		1100	U	230	1100
N-Nitrosodi-n-propylamine		35	U	5.9	35
N-Nitrosodiphenylamine		350	U	35	350
2,2'-oxybis[1-chloropropane]		350	U	39	350
Pentachlorophenol		1100	U	100	1100
Phenanthrene		740		45	350
Phenol		350	U	47	350
Pyrene		990		29	350
1,2,4-Trichlorobenzene		35	U	4.0	35
2,4,5-Trichlorophenol		350	U	45	350
2,4,6-Trichlorophenol		350	U	41	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	92		40 - 109
2-Fluorophenol	73		37 - 125
Nitrobenzene-d5	80		38 - 105
Phenol-d5	69		41 - 118
Terphenyl-d14	69		16 - 151
2,4,6-Tribromophenol	78		10 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B2 (0-0.5)**

Lab Sample ID: 460-55357-2
Client Matrix: Solid
% Moisture: 4.3

Date Sampled: 05/02/2013 1015
Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159904	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-159028	Lab File ID:	z22037.d
Dilution:	2.0			Initial Weight/Volume:	15.04 g
Analysis Date:	05/09/2013 1309			Final Weight/Volume:	1 mL
Prep Date:	05/05/2013 1319			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		110	J	100	690
Acenaphthylene		690	U	82	690
Anthracene		230	J	84	690
Benzo[a]anthracene		730		4.8	69
Benzo[a]pyrene		690		4.9	69
Benzo[b]fluoranthene		770		4.4	69
Benzo[g,h,i]perylene		570	J	51	690
Benzo[k]fluoranthene		300		5.2	69
Benzyl alcohol		690	U	100	690
Bis(2-chloroethoxy)methane		690	U	89	690
Bis(2-chloroethyl)ether		69	U	9.4	69
Bis(2-ethylhexyl) phthalate		690	U	230	690
4-Bromophenyl phenyl ether		690	U	68	690
Butyl benzyl phthalate		690	U	63	690
Carbazole		110	J	82	690
4-Chloroaniline		690	U	180	690
4-Chloro-3-methylphenol		690	U	100	690
2-Chloronaphthalene		690	U	77	690
2-Chlorophenol		690	U	91	690
4-Chlorophenyl phenyl ether		690	U	81	690
Chrysene		750		80	690
Dibenz(a,h)anthracene		120		8.7	69
Dibenzofuran		690	U	81	690
1,2-Dichlorobenzene		690	U	80	690
1,3-Dichlorobenzene		690	U	63	690
1,4-Dichlorobenzene		690	U	78	690
3,3'-Dichlorobenzidine		1400	U	240	1400
2,4-Dichlorophenol		690	U	100	690
Diethyl phthalate		690	U	82	690
2,4-Dimethylphenol		690	U	170	690
Dimethyl phthalate		690	U	82	690
Di-n-butyl phthalate		690	U	85	690
4,6-Dinitro-2-methylphenol		2100	U	190	2100
2,4-Dinitrophenol		2100	U	390	2100
2,4-Dinitrotoluene		140	U	23	140
2,6-Dinitrotoluene		140	U	21	140
Di-n-octyl phthalate		690	U	44	690
Fluoranthene		1700		92	690
Fluorene		690	U	88	690
Hexachlorobenzene		69	U	9.4	69
Hexachlorobutadiene		140	U	17	140
Hexachlorocyclopentadiene		690	U	81	690
Hexachloroethane		69	U	7.7	69
Indeno[1,2,3-cd]pyrene		560		13	69
Isophorone		690	U	84	690
2-Methylnaphthalene		690	U	89	690

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B2 (0-0.5)**

Lab Sample ID: 460-55357-2 | Date Sampled: 05/02/2013 1015
Client Matrix: Solid | % Moisture: 4.3 | Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159904	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-159028	Lab File ID:	z22037.d
Dilution:	2.0			Initial Weight/Volume:	15.04 g
Analysis Date:	05/09/2013 1309			Final Weight/Volume:	1 mL
Prep Date:	05/05/2013 1319			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		690	U	120	690
4-Methylphenol		690	U	140	690
Naphthalene		690	U	80	690
2-Nitroaniline		1400	U	290	1400
3-Nitroaniline		1400	U	240	1400
4-Nitroaniline		1400	U	210	1400
Nitrobenzene		69	U	9.8	69
2-Nitrophenol		690	U	77	690
4-Nitrophenol		2100	U	440	2100
N-Nitrosodi-n-propylamine		69	U	12	69
N-Nitrosodiphenylamine		690	U	68	690
2,2'-oxybis[1-chloropropane]		690	U	76	690
Pentachlorophenol		2100	U	210	2100
Phenanthrene		970		88	690
Phenol		690	U	93	690
Pyrene		880		58	690
1,2,4-Trichlorobenzene		69	U	7.8	69
2,4,5-Trichlorophenol		690	U	89	690
2,4,6-Trichlorophenol		690	U	81	690

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		40 - 109
2-Fluorophenol	71		37 - 125
Nitrobenzene-d5	76		38 - 105
Phenol-d5	64		41 - 118
Terphenyl-d14	55		16 - 151
2,4,6-Tribromophenol	57		10 - 120

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B3 (0-0.5)**

Lab Sample ID: 460-55357-3 | Date Sampled: 05/02/2013 1050
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87106.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	05/09/2013 0023			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		62	J	51	350
Acenaphthylene		93	J	42	350
Anthracene		300	J	43	350
Benzo[a]anthracene		1300		2.5	35
Benzo[a]pyrene		1200		2.5	35
Benzo[b]fluoranthene		1500		2.2	35
Benzo[g,h,i]perylene		390		26	350
Benzo[k]fluoranthene		540		2.7	35
Benzyl alcohol		350	U	51	350
Bis(2-chloroethoxy)methane		350	U	45	350
Bis(2-chloroethyl)ether		35	U	4.8	35
Bis(2-ethylhexyl) phthalate		170	J	120	350
4-Bromophenyl phenyl ether		350	U	35	350
Butyl benzyl phthalate		350	U	32	350
Carbazole		84	J	42	350
4-Chloroaniline		350	U	93	350
4-Chloro-3-methylphenol		350	U	53	350
2-Chloronaphthalene		350	U	39	350
2-Chlorophenol		350	U	46	350
4-Chlorophenyl phenyl ether		350	U	41	350
Chrysene		1400		41	350
Dibenz(a,h)anthracene		140		4.4	35
Dibenzofuran		45	J	41	350
1,2-Dichlorobenzene		350	U	41	350
1,3-Dichlorobenzene		350	U	32	350
1,4-Dichlorobenzene		350	U	40	350
3,3'-Dichlorobenzidine		710	U	120	710
2,4-Dichlorophenol		350	U	51	350
Diethyl phthalate		350	U	42	350
2,4-Dimethylphenol		350	U	87	350
Dimethyl phthalate		350	U	42	350
Di-n-butyl phthalate		350	U	43	350
4,6-Dinitro-2-methylphenol		1100	U	96	1100
2,4-Dinitrophenol		1100	U	200	1100
2,4-Dinitrotoluene		71	U	12	71
2,6-Dinitrotoluene		71	U	11	71
Di-n-octyl phthalate		350	U	22	350
Fluoranthene		1500		47	350
Fluorene		60	J	45	350
Hexachlorobenzene		35	U	4.8	35
Hexachlorobutadiene		71	U	8.6	71
Hexachlorocyclopentadiene		350	U	41	350
Hexachloroethane		35	U	3.9	35
Indeno[1,2,3-cd]pyrene		550		6.5	35
Isophorone		350	U	43	350
2-Methylnaphthalene		350	U	45	350

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B3 (0-0.5)**

Lab Sample ID: 460-55357-3 | Date Sampled: 05/02/2013 1050
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87106.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	05/09/2013 0023			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		350	U	60	350
4-Methylphenol		350	U	69	350
Naphthalene		52	J	41	350
2-Nitroaniline		710	U	150	710
3-Nitroaniline		710	U	120	710
4-Nitroaniline		710	U	110	710
Nitrobenzene		35	U	5.0	35
2-Nitrophenol		350	U	39	350
4-Nitrophenol		1100	U	230	1100
N-Nitrosodi-n-propylamine		35	U	5.9	35
N-Nitrosodiphenylamine		350	U	35	350
2,2'-oxybis[1-chloropropane]		350	U	39	350
Pentachlorophenol		1100	U	100	1100
Phenanthrene		1000		45	350
Phenol		350	U	47	350
Pyrene		2400		29	350
1,2,4-Trichlorobenzene		35	U	4.0	35
2,4,5-Trichlorophenol		350	U	45	350
2,4,6-Trichlorophenol		350	U	41	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	95		40 - 109
2-Fluorophenol	58		37 - 125
Nitrobenzene-d5	64		38 - 105
Phenol-d5	66		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	58		10 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B4 (0-0.5)**

Lab Sample ID: 460-55357-4

Client Matrix: Solid

% Moisture: 4.6

Date Sampled: 05/02/2013 1115

Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159904	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	z22040.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	05/09/2013 1452			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		280	J	51	350
Acenaphthylene		350	U	41	350
Anthracene		870		42	350
Benzo[a]anthracene		2300		2.4	35
Benzo[a]pyrene		2500		2.5	35
Benzo[b]fluoranthene		2800		2.2	35
Benzo[g,h,i]perylene		2000		26	350
Benzo[k]fluoranthene		940		2.6	35
Benzyl alcohol		350	U	51	350
Bis(2-chloroethoxy)methane		350	U	45	350
Bis(2-chloroethyl)ether		35	U	4.7	35
Bis(2-ethylhexyl) phthalate		200	J	120	350
4-Bromophenyl phenyl ether		350	U	34	350
Butyl benzyl phthalate		350	U	32	350
Carbazole		160	J	41	350
4-Chloroaniline		350	U	92	350
4-Chloro-3-methylphenol		350	U	52	350
2-Chloronaphthalene		350	U	39	350
2-Chlorophenol		350	U	46	350
4-Chlorophenyl phenyl ether		350	U	41	350
Chrysene		2500		40	350
Dibenz(a,h)anthracene		460		4.4	35
Dibenzofuran		140	J	41	350
1,2-Dichlorobenzene		350	U	40	350
1,3-Dichlorobenzene		350	U	31	350
1,4-Dichlorobenzene		350	U	39	350
3,3'-Dichlorobenzidine		700	U	120	700
2,4-Dichlorophenol		350	U	51	350
Diethyl phthalate		350	U	41	350
2,4-Dimethylphenol		350	U	86	350
Dimethyl phthalate		350	U	41	350
Di-n-butyl phthalate		350	U	43	350
4,6-Dinitro-2-methylphenol		1000	U	94	1000
2,4-Dinitrophenol		1000	U	200	1000
2,4-Dinitrotoluene		70	U	11	70
2,6-Dinitrotoluene		70	U	10	70
Di-n-octyl phthalate		350	U	22	350
Fluoranthene		6300		46	350
Fluorene		220	J	44	350
Hexachlorobenzene		35	U	4.7	35
Hexachlorobutadiene		70	U	8.5	70
Hexachlorocyclopentadiene		350	U	41	350
Hexachloroethane		35	U	3.9	35
Indeno[1,2,3-cd]pyrene		2200		6.4	35
Isophorone		350	U	42	350
2-Methylnaphthalene		49	J	45	350

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B4 (0-0.5)**

Lab Sample ID: 460-55357-4 | Date Sampled: 05/02/2013 1115
Client Matrix: Solid | % Moisture: 4.6 | Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159904	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	z22040.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	05/09/2013 1452			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		350	U	59	350
4-Methylphenol		350	U	68	350
Naphthalene		64	J	40	350
2-Nitroaniline		700	U	140	700
3-Nitroaniline		700	U	120	700
4-Nitroaniline		700	U	110	700
Nitrobenzene		35	U	4.9	35
2-Nitrophenol		350	U	39	350
4-Nitrophenol		1000	U	220	1000
N-Nitrosodi-n-propylamine		35	U	5.8	35
N-Nitrosodiphenylamine		350	U	34	350
2,2'-oxybis[1-chloropropane]		350	U	38	350
Pentachlorophenol		1000	U	100	1000
Phenanthrene		3500		44	350
Phenol		350	U	47	350
Pyrene		3900		29	350
1,2,4-Trichlorobenzene		35	U	3.9	35
2,4,5-Trichlorophenol		350	U	45	350
2,4,6-Trichlorophenol		350	U	41	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	87		40 - 109
2-Fluorophenol	78		37 - 125
Nitrobenzene-d5	80		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	66		16 - 151
2,4,6-Tribromophenol	68		10 - 120

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B5 (0-0.5)**

Lab Sample ID: 460-55357-5 | Date Sampled: 05/02/2013 1140
Client Matrix: Solid | % Moisture: 5.7 | Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87108.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	05/09/2013 0118			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		68	J	51	350
Acenaphthylene		98	J	41	350
Anthracene		340	J	43	350
Benzo[a]anthracene		1400		2.4	35
Benzo[a]pyrene		1400		2.5	35
Benzo[b]fluoranthene		1700		2.2	35
Benzo[g,h,i]perylene		470		26	350
Benzo[k]fluoranthene		620		2.7	35
Benzyl alcohol		350	U	51	350
Bis(2-chloroethoxy)methane		350	U	45	350
Bis(2-chloroethyl)ether		35	U	4.8	35
Bis(2-ethylhexyl) phthalate		350	U	120	350
4-Bromophenyl phenyl ether		350	U	35	350
Butyl benzyl phthalate		350	U	32	350
Carbazole		94	J	41	350
4-Chloroaniline		350	U	93	350
4-Chloro-3-methylphenol		350	U	53	350
2-Chloronaphthalene		350	U	39	350
2-Chlorophenol		350	U	46	350
4-Chlorophenyl phenyl ether		350	U	41	350
Chrysene		1500		41	350
Dibenz(a,h)anthracene		160		4.4	35
Dibenzofuran		52	J	41	350
1,2-Dichlorobenzene		350	U	41	350
1,3-Dichlorobenzene		350	U	32	350
1,4-Dichlorobenzene		350	U	39	350
3,3'-Dichlorobenzidine		710	U	120	710
2,4-Dichlorophenol		350	U	51	350
Diethyl phthalate		350	U	42	350
2,4-Dimethylphenol		350	U	86	350
Dimethyl phthalate		350	U	42	350
Di-n-butyl phthalate		350	U	43	350
4,6-Dinitro-2-methylphenol		1100	U	95	1100
2,4-Dinitrophenol		1100	U	200	1100
2,4-Dinitrotoluene		71	U	12	71
2,6-Dinitrotoluene		71	U	11	71
Di-n-octyl phthalate		350	U	22	350
Fluoranthene		1800		47	350
Fluorene		51	J	45	350
Hexachlorobenzene		35	U	4.8	35
Hexachlorobutadiene		71	U	8.5	71
Hexachlorocyclopentadiene		350	U	41	350
Hexachloroethane		35	U	3.9	35
Indeno[1,2,3-cd]pyrene		550		6.5	35
Isophorone		350	U	42	350
2-Methylnaphthalene		75	J	45	350

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B5 (0-0.5)**

Lab Sample ID: 460-55357-5 | Date Sampled: 05/02/2013 1140
Client Matrix: Solid | % Moisture: 5.7 | Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87108.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	05/09/2013 0118			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		350	U	60	350
4-Methylphenol		350	U	69	350
Naphthalene		87	J	41	350
2-Nitroaniline		710	U	150	710
3-Nitroaniline		710	U	120	710
4-Nitroaniline		710	U	110	710
Nitrobenzene		35	U	5.0	35
2-Nitrophenol		350	U	39	350
4-Nitrophenol		1100	U	230	1100
N-Nitrosodi-n-propylamine		35	U	5.8	35
N-Nitrosodiphenylamine		350	U	35	350
2,2'-oxybis[1-chloropropane]		350	U	39	350
Pentachlorophenol		1100	U	100	1100
Phenanthrene		1100		45	350
Phenol		350	U	47	350
Pyrene		2500		29	350
1,2,4-Trichlorobenzene		35	U	4.0	35
2,4,5-Trichlorophenol		350	U	45	350
2,4,6-Trichlorophenol		350	U	41	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	97		40 - 109
2-Fluorophenol	67		37 - 125
Nitrobenzene-d5	74		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	84		16 - 151
2,4,6-Tribromophenol	57		10 - 120

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B6 (0-0.5)**

Lab Sample ID: 460-55357-6 | Date Sampled: 05/02/2013 1335
Client Matrix: Solid | % Moisture: 2.7 | Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87107.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	05/09/2013 0051			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		340	U	49	340
Acenaphthylene		340	U	40	340
Anthracene		83	J	41	340
Benzo[a]anthracene		400		2.4	34
Benzo[a]pyrene		360		2.4	34
Benzo[b]fluoranthene		360		2.1	34
Benzo[g,h,i]perylene		120	J	25	340
Benzo[k]fluoranthene		180		2.6	34
Benzyl alcohol		340	U	50	340
Bis(2-chloroethoxy)methane		340	U	44	340
Bis(2-chloroethyl)ether		34	U	4.6	34
Bis(2-ethylhexyl) phthalate		340	U	110	340
4-Bromophenyl phenyl ether		340	U	34	340
Butyl benzyl phthalate		340	U	31	340
Carbazole		43	J	40	340
4-Chloroaniline		340	U	90	340
4-Chloro-3-methylphenol		340	U	51	340
2-Chloronaphthalene		340	U	38	340
2-Chlorophenol		340	U	45	340
4-Chlorophenyl phenyl ether		340	U	40	340
Chrysene		410		40	340
Dibenz(a,h)anthracene		34	U	4.3	34
Dibenzofuran		340	U	40	340
1,2-Dichlorobenzene		340	U	39	340
1,3-Dichlorobenzene		340	U	31	340
1,4-Dichlorobenzene		340	U	38	340
3,3'-Dichlorobenzidine		690	U	120	690
2,4-Dichlorophenol		340	U	50	340
Diethyl phthalate		340	U	40	340
2,4-Dimethylphenol		340	U	84	340
Dimethyl phthalate		340	U	40	340
Di-n-butyl phthalate		340	U	42	340
4,6-Dinitro-2-methylphenol		1000	U	92	1000
2,4-Dinitrophenol		1000	U	190	1000
2,4-Dinitrotoluene		69	U	11	69
2,6-Dinitrotoluene		69	U	10	69
Di-n-octyl phthalate		340	U	22	340
Fluoranthene		450		45	340
Fluorene		340	U	43	340
Hexachlorobenzene		34	U	4.6	34
Hexachlorobutadiene		69	U	8.3	69
Hexachlorocyclopentadiene		340	U	40	340
Hexachloroethane		34	U	3.8	34
Indeno[1,2,3-cd]pyrene		160		6.3	34
Isophorone		340	U	41	340
2-Methylnaphthalene		340	U	44	340

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B6 (0-0.5)**

Lab Sample ID: 460-55357-6 | Date Sampled: 05/02/2013 1335
Client Matrix: Solid | % Moisture: 2.7 | Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87107.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	05/09/2013 0051			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		340	U	58	340
4-Methylphenol		340	U	67	340
Naphthalene		340	U	39	340
2-Nitroaniline		690	U	140	690
3-Nitroaniline		690	U	120	690
4-Nitroaniline		690	U	110	690
Nitrobenzene		34	U	4.8	34
2-Nitrophenol		340	U	38	340
4-Nitrophenol		1000	U	220	1000
N-Nitrosodi-n-propylamine		34	U	5.7	34
N-Nitrosodiphenylamine		340	U	33	340
2,2'-oxybis[1-chloropropane]		340	U	38	340
Pentachlorophenol		1000	U	100	1000
Phenanthrene		390		43	340
Phenol		340	U	46	340
Pyrene		750		28	340
1,2,4-Trichlorobenzene		34	U	3.8	34
2,4,5-Trichlorophenol		340	U	44	340
2,4,6-Trichlorophenol		340	U	40	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	100		40 - 109
2-Fluorophenol	62		37 - 125
Nitrobenzene-d5	68		38 - 105
Phenol-d5	68		41 - 118
Terphenyl-d14	105		16 - 151
2,4,6-Tribromophenol	63		10 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B7 (0-0.5)**

Lab Sample ID: 460-55357-7

Client Matrix: Solid

% Moisture: 4.2

Date Sampled: 05/02/2013 1445

Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87104.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	05/08/2013 2328			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		690	U	100	690
Acenaphthylene		690	U	82	690
Anthracene		200	J	84	690
Benzo[a]anthracene		710		4.8	69
Benzo[a]pyrene		670		4.9	69
Benzo[b]fluoranthene		780		4.4	69
Benzo[g,h,i]perylene		240	J	51	690
Benzo[k]fluoranthene		350		5.2	69
Benzyl alcohol		690	U	100	690
Bis(2-chloroethoxy)methane		690	U	89	690
Bis(2-chloroethyl)ether		69	U	9.4	69
Bis(2-ethylhexyl) phthalate		690	U	230	690
4-Bromophenyl phenyl ether		690	U	68	690
Butyl benzyl phthalate		690	U	63	690
Carbazole		82	J	82	690
4-Chloroaniline		690	U	180	690
4-Chloro-3-methylphenol		690	U	100	690
2-Chloronaphthalene		690	U	77	690
2-Chlorophenol		690	U	91	690
4-Chlorophenyl phenyl ether		690	U	81	690
Chrysene		820		80	690
Dibenz(a,h)anthracene		140		8.7	69
Dibenzofuran		690	U	81	690
1,2-Dichlorobenzene		690	U	80	690
1,3-Dichlorobenzene		690	U	63	690
1,4-Dichlorobenzene		690	U	78	690
3,3'-Dichlorobenzidine		1400	U	240	1400
2,4-Dichlorophenol		690	U	100	690
Diethyl phthalate		690	U	82	690
2,4-Dimethylphenol		690	U	170	690
Dimethyl phthalate		690	U	82	690
Di-n-butyl phthalate		690	U	85	690
4,6-Dinitro-2-methylphenol		2100	U	190	2100
2,4-Dinitrophenol		2100	U	390	2100
2,4-Dinitrotoluene		140	U	23	140
2,6-Dinitrotoluene		140	U	21	140
Di-n-octyl phthalate		690	U	44	690
Fluoranthene		980		92	690
Fluorene		690	U	88	690
Hexachlorobenzene		69	U	9.4	69
Hexachlorobutadiene		140	U	17	140
Hexachlorocyclopentadiene		690	U	81	690
Hexachloroethane		69	U	7.7	69
Indeno[1,2,3-cd]pyrene		320		13	69
Isophorone		690	U	84	690
2-Methylnaphthalene		690	U	89	690

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B7 (0-0.5)**

Lab Sample ID: 460-55357-7 | Date Sampled: 05/02/2013 1445
Client Matrix: Solid | % Moisture: 4.2 | Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87104.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	05/08/2013 2328			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		690	U	120	690
4-Methylphenol		690	U	140	690
Naphthalene		690	U	80	690
2-Nitroaniline		1400	U	290	1400
3-Nitroaniline		1400	U	240	1400
4-Nitroaniline		1400	U	210	1400
Nitrobenzene		69	U	9.8	69
2-Nitrophenol		690	U	77	690
4-Nitrophenol		2100	U	440	2100
N-Nitrosodi-n-propylamine		69	U	12	69
N-Nitrosodiphenylamine		690	U	68	690
2,2'-oxybis[1-chloropropane]		690	U	76	690
Pentachlorophenol		2100	U	210	2100
Phenanthrene		650	J	88	690
Phenol		690	U	93	690
Pyrene		1200		58	690
1,2,4-Trichlorobenzene		69	U	7.8	69
2,4,5-Trichlorophenol		690	U	89	690
2,4,6-Trichlorophenol		690	U	81	690

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	92		40 - 109
2-Fluorophenol	69		37 - 125
Nitrobenzene-d5	88		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	76		16 - 151
2,4,6-Tribromophenol	57		10 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55357-9
Client Matrix: Water

Date Sampled: 05/02/2013 1500
Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159417	Instrument ID:	BNAMS6
Prep Method:	3510C	Prep Batch:	460-158940	Lab File ID:	m64628.d
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	05/06/2013 1525			Final Weight/Volume:	2 mL
Prep Date:	05/04/2013 0732			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.60	10
2-Chlorophenol	10	U	0.93	10
2-Methylphenol	10	U	1.4	10
4-Methylphenol	10	U	1.0	10
2-Nitrophenol	10	U	0.68	10
2,4-Dimethylphenol	10	U	1.2	10
2,4-Dichlorophenol	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
2,4,6-Trichlorophenol	10	U	1.4	10
2,4,5-Trichlorophenol	10	U	2.2	10
2,4-Dinitrophenol	30	U	2.0	30
4-Nitrophenol	30	U	2.0	30
4,6-Dinitro-2-methylphenol	30	U	3.0	30
Pentachlorophenol	30	U	2.7	30
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
1,3-Dichlorobenzene	10	U	1.6	10
1,4-Dichlorobenzene	10	U	1.9	10
1,2-Dichlorobenzene	10	U	1.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Hexachloroethane	1.0	U	0.15	1.0
Nitrobenzene	1.0	U	0.34	1.0
Isophorone	10	U	1.3	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
1,2,4-Trichlorobenzene	1.0	U	0.19	1.0
Naphthalene	10	U	2.0	10
4-Chloroaniline	10	U	1.3	10
Hexachlorobutadiene	2.0	U	0.68	2.0
2-Methylnaphthalene	10	U	1.5	10
Hexachlorocyclopentadiene	10	U	1.5	10
2-Chloronaphthalene	10	U	1.3	10
2-Nitroaniline	20	U	2.0	20
Dimethyl phthalate	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
2,6-Dinitrotoluene	2.0	U	0.27	2.0
3-Nitroaniline	20	U	2.9	20
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
4-Nitroaniline	20	U	2.9	20
N-Nitrosodiphenylamine	10	U	1.0	10
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorobenzene	1.0	U	0.20	1.0
Phenanthrene	10	U	1.2	10

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55357-9
Client Matrix: Water

Date Sampled: 05/02/2013 1500
Date Received: 05/02/2013 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159417	Instrument ID:	BNAMS6
Prep Method:	3510C	Prep Batch:	460-158940	Lab File ID:	m64628.d
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	05/06/2013 1525			Final Weight/Volume:	2 mL
Prep Date:	05/04/2013 0732			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Anthracene	10	U	0.85	10
Carbazole	10	U	1.2	10
Di-n-butyl phthalate	10	U	1.0	10
Fluoranthene	10	U	1.1	10
Pyrene	10	U	1.1	10
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	20	U	3.2	20
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	10	U	1.4	10
Bis(2-ethylhexyl) phthalate	10	U	0.81	10
Di-n-octyl phthalate	10	U	0.88	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	0.93	10
Benzyl alcohol	10	U	1.1	10
2,2'-oxybis[1-chloropropane]	10	U	1.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	75		60 - 114
Phenol-d5	22		4 - 86
Terphenyl-d14	96		72 - 130
2,4,6-Tribromophenol	80		51 - 126
2-Fluorophenol	33		15 - 96
2-Fluorobiphenyl	73		50 - 120

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B2 (0-0.5)**

Lab Sample ID: 460-55357-2 | Date Sampled: 05/02/2013 1015
Client Matrix: Solid | % Moisture: 4.3 | Date Received: 05/02/2013 1645

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-159367	Instrument ID:	PESTGC1
Prep Method:	3546	Prep Batch:	460-158936	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 1749			Injection Volume:	1 uL
Prep Date:	05/04/2013 0427			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		7.0	U	1.6	7.0
beta-BHC		7.0	U	1.7	7.0
delta-BHC		7.0	U	1.3	7.0
gamma-BHC (Lindane)		7.0	U	1.3	7.0
4,4'-DDD		7.0	U	1.4	7.0
4,4'-DDE		7.0	U	1.4	7.0
4,4'-DDT		4.2	J	1.7	7.0
Dieldrin		7.0	U	1.3	7.0
Endosulfan I		7.0	U	1.6	7.0
Endosulfan II		7.0	U	1.4	7.0
Endosulfan sulfate		7.0	U	1.4	7.0
Endrin		7.0	U	1.7	7.0
Endrin aldehyde		7.0	U	1.0	7.0
Endrin ketone		7.0	U	1.4	7.0
Heptachlor		7.0	U	1.7	7.0
Heptachlor epoxide		7.0	U	1.6	7.0
Methoxychlor		7.0	U	1.7	7.0
Toxaphene		70	U	19	70
gamma-Chlordane		7.0	U	1.4	7.0
alpha-Chlordane		7.0	U	1.4	7.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	126		37 - 150
DCB Decachlorobiphenyl	115		60 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B2 (0-0.5)**

Lab Sample ID: 460-55357-2
Client Matrix: Solid
% Moisture: 4.3

Date Sampled: 05/02/2013 1015
Date Received: 05/02/2013 1645

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-159367	Instrument ID:	PESTGC1
Prep Method:	3546	Prep Batch:	460-158936	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 1749			Injection Volume:	1 uL
Prep Date:	05/04/2013 0427			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	116		37 - 150
DCB Decachlorobiphenyl	111		60 - 150

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B1 (0-0.5)**

Lab Sample ID: 460-55357-1 | Date Sampled: 05/02/2013 0945
Client Matrix: Solid | % Moisture: 5.8 | Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0530			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		71	U	16	71
Aroclor 1221		71	U	16	71
Aroclor 1232		71	U	16	71
Aroclor 1242		71	U	16	71
Aroclor 1248		71	U	16	71
Aroclor 1254		71	U	20	71
Aroclor 1260		71	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	123		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B1 (0-0.5)**

Lab Sample ID: 460-55357-1
Client Matrix: Solid
% Moisture: 5.8
Date Sampled: 05/02/2013 0945
Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0530			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B2 (0-0.5)**

Lab Sample ID: 460-55357-2
Client Matrix: Solid
% Moisture: 4.3
Date Sampled: 05/02/2013 1015
Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0545			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	16	70
Aroclor 1221		70	U	16	70
Aroclor 1232		70	U	16	70
Aroclor 1242		70	U	16	70
Aroclor 1248		70	U	16	70
Aroclor 1254		70	U	20	70
Aroclor 1260		70	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	118		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B2 (0-0.5)**

Lab Sample ID: 460-55357-2
Client Matrix: Solid
% Moisture: 4.3
Date Sampled: 05/02/2013 1015
Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0545			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		45 - 138

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B3 (0-0.5)**

Lab Sample ID: 460-55357-3 | Date Sampled: 05/02/2013 1050
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0601			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		71	U	16	71
Aroclor 1221		71	U	16	71
Aroclor 1232		71	U	16	71
Aroclor 1242		71	U	16	71
Aroclor 1248		71	U	16	71
Aroclor 1254		71	U	20	71
Aroclor 1260		71	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B3 (0-0.5)**

Lab Sample ID: 460-55357-3
Client Matrix: Solid
% Moisture: 6.0

Date Sampled: 05/02/2013 1050
Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0601			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78		45 - 138

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B4 (0-0.5)**

Lab Sample ID: 460-55357-4 | Date Sampled: 05/02/2013 1115
Client Matrix: Solid | % Moisture: 4.6 | Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0616			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	16	70
Aroclor 1221		70	U	16	70
Aroclor 1232		70	U	16	70
Aroclor 1242		70	U	16	70
Aroclor 1248		70	U	16	70
Aroclor 1254		70	U	20	70
Aroclor 1260		70	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80	p	45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B4 (0-0.5)**

Lab Sample ID: 460-55357-4
Client Matrix: Solid
% Moisture: 4.6
Date Sampled: 05/02/2013 1115
Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0616			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	123		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B5 (0-0.5)**

Lab Sample ID: 460-55357-5

Client Matrix: Solid

% Moisture: 5.7

Date Sampled: 05/02/2013 1140

Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0631			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		71	U	16	71
Aroclor 1221		71	U	16	71
Aroclor 1232		71	U	16	71
Aroclor 1242		71	U	16	71
Aroclor 1248		71	U	16	71
Aroclor 1254		71	U	20	71
Aroclor 1260		71	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B5 (0-0.5)**

Lab Sample ID: 460-55357-5
Client Matrix: Solid
% Moisture: 5.7
Date Sampled: 05/02/2013 1140
Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0631			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B6 (0-0.5)**

Lab Sample ID: 460-55357-6

Client Matrix: Solid

% Moisture: 2.7

Date Sampled: 05/02/2013 1335

Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0646			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		69	U	15	69
Aroclor 1221		69	U	15	69
Aroclor 1232		69	U	15	69
Aroclor 1242		69	U	15	69
Aroclor 1248		69	U	15	69
Aroclor 1254		69	U	19	69
Aroclor 1260		69	U	19	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B6 (0-0.5)**

Lab Sample ID: 460-55357-6
Client Matrix: Solid
% Moisture: 2.7

Date Sampled: 05/02/2013 1335
Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0646			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B7 (0-0.5)**

Lab Sample ID: 460-55357-7

Client Matrix: Solid

% Moisture: 4.2

Date Sampled: 05/02/2013 1445

Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0701			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	16	70
Aroclor 1221		70	U	16	70
Aroclor 1232		70	U	16	70
Aroclor 1242		70	U	16	70
Aroclor 1248		70	U	16	70
Aroclor 1254		70	U	20	70
Aroclor 1260		70	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **B7 (0-0.5)**

Lab Sample ID: 460-55357-7
Client Matrix: Solid
% Moisture: 4.2

Date Sampled: 05/02/2013 1445
Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-158934	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2013 0701			Injection Volume:	1 uL
Prep Date:	05/04/2013 0321			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55357-9
Client Matrix: Water

Date Sampled: 05/02/2013 1500
Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159045	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-158770	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	05/05/2013 2011			Injection Volume:	1 uL
Prep Date:	05/03/2013 0819			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.40	U *	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U *	0.21	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	125		37 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55357-9
Client Matrix: Water

Date Sampled: 05/02/2013 1500
Date Received: 05/02/2013 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159045	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-158770	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	05/05/2013 2011			Injection Volume:	1 uL
Prep Date:	05/03/2013 0819			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		37 - 150

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B1 (0-0.5)**

Lab Sample ID: 460-55357-1 | Date Sampled: 05/02/2013 0945

Client Matrix: Solid | % Moisture: 5.8 | Date Received: 05/02/2013 1645

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-158889	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-158778	Lab File ID:	05032013.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	05/03/2013 1553			Final Weight/Volume:	50 mL
Prep Date:	05/03/2013 0850				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		5810		18.6	40.8
Antimony		2.0	U	1.3	2.0
Arsenic		11.8		0.96	1.0
Barium		115		1.2	40.8
Beryllium		0.32	J	0.15	0.41
Cadmium		0.31	J	0.15	1.0
Calcium		14700		72.3	1020
Chromium		20.0		0.88	2.0
Cobalt		5.4	J	0.87	10.2
Copper		53.4		2.0	5.1
Iron		16100		12.3	30.6
Lead		201		0.88	1.0
Magnesium		3050		73.5	1020
Manganese		241		0.90	3.1
Nickel		16.3		0.90	8.2
Potassium		874	J	109	1020
Selenium		2.0	U	1.3	2.0
Silver		2.0	U	0.20	2.0
Sodium		223	J	161	1020
Thallium		2.0	U	1.2	2.0
Vanadium		26.6		0.78	10.2
Zinc		163		1.1	6.1

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159051	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159020	Lab File ID:	159019a.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	05/05/2013 2134			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 0851				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.41		0.012	0.017

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B2 (0-0.5)**

Lab Sample ID: 460-55357-2 | Date Sampled: 05/02/2013 1015
Client Matrix: Solid | % Moisture: 4.3 | Date Received: 05/02/2013 1645

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-158889	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-158778	Lab File ID:	05032013.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	05/03/2013 1557			Final Weight/Volume:	50 mL
Prep Date:	05/03/2013 0850				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		5630		18.1	39.8
Antimony		1.2	J	1.2	2.0
Arsenic		4.9		0.94	1.0
Barium		97.2		1.1	39.8
Beryllium		0.31	J	0.14	0.40
Cadmium		0.36	J	0.15	1.0
Calcium		19100		70.5	995
Chromium		18.1		0.86	2.0
Cobalt		4.9	J	0.85	10
Copper		47.1		1.9	5.0
Iron		17000		12.0	29.9
Lead		192		0.86	1.0
Magnesium		3380		71.7	995
Manganese		236		0.88	3.0
Nickel		16.9		0.88	8.0
Potassium		1010		106	995
Selenium		2.0	U	1.3	2.0
Silver		2.0	U	0.20	2.0
Sodium		184	J	157	995
Thallium		2.0	U	1.1	2.0
Vanadium		28.6		0.76	10
Zinc		185		1.1	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159051	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159020	Lab File ID:	159019a.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	05/05/2013 2136			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 0851				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.82		0.012	0.017

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B3 (0-0.5)**

Lab Sample ID: 460-55357-3 | Date Sampled: 05/02/2013 1050
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 05/02/2013 1645

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-158889	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-158778	Lab File ID:	05032013.asc
Dilution:	4.0			Initial Weight/Volume:	1.11 g
Analysis Date:	05/03/2013 1600			Final Weight/Volume:	50 mL
Prep Date:	05/03/2013 0850				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6030		17.4	38.3
Antimony		1.9	U	1.2	1.9
Arsenic		5.2		0.90	0.96
Barium		97.1		1.1	38.3
Beryllium		0.31	J	0.14	0.38
Cadmium		0.35	J	0.14	0.96
Calcium		26500		67.8	958
Chromium		17.4		0.82	1.9
Cobalt		5.0	J	0.82	9.6
Copper		48.6		1.9	4.8
Iron		14700		11.6	28.7
Lead		204		0.82	0.96
Magnesium		3750		69.0	958
Manganese		243		0.84	2.9
Nickel		16.1		0.84	7.7
Potassium		1000		103	958
Selenium		1.9	U	1.3	1.9
Silver		1.9	U	0.19	1.9
Sodium		257	J	151	958
Thallium		1.9	U	1.1	1.9
Vanadium		21.8		0.74	9.6
Zinc		206		1.0	5.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159051	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159020	Lab File ID:	159019a.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	05/05/2013 2138			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 0851				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.62		0.012	0.017

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B4 (0-0.5)**

Lab Sample ID: 460-55357-4 | Date Sampled: 05/02/2013 1115
Client Matrix: Solid | % Moisture: 4.6 | Date Received: 05/02/2013 1645

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-158889	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-158778	Lab File ID:	05032013.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	05/03/2013 1604			Final Weight/Volume:	50 mL
Prep Date:	05/03/2013 0850				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		5760		18.2	39.9
Antimony		2.0	U	1.2	2.0
Arsenic		34.9		0.94	1.0
Barium		190		1.1	39.9
Beryllium		0.35	J	0.14	0.40
Cadmium		0.46	J	0.15	1.0
Calcium		10300		70.7	999
Chromium		31.3		0.86	2.0
Cobalt		5.5	J	0.85	10
Copper		99.9		1.9	5.0
Iron		18700		12.1	30.0
Lead		308		0.86	1.0
Magnesium		2420		71.9	999
Manganese		284		0.88	3.0
Nickel		19.8		0.88	8.0
Potassium		911	J	107	999
Selenium		2.0	U	1.3	2.0
Silver		2.0	U	0.20	2.0
Sodium		267	J	158	999
Thallium		2.0	U	1.1	2.0
Vanadium		29.0		0.77	10
Zinc		206		1.1	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159051	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159020	Lab File ID:	159019a.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	05/05/2013 2141			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 0851				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.59		0.012	0.017

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B5 (0-0.5)**

Lab Sample ID: 460-55357-5 | Date Sampled: 05/02/2013 1140
Client Matrix: Solid | % Moisture: 5.7 | Date Received: 05/02/2013 1645

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-158889	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-158778	Lab File ID:	05032013.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	05/03/2013 1608			Final Weight/Volume:	50 mL
Prep Date:	05/03/2013 0850				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6050		18.6	40.8
Antimony		2.0	U	1.3	2.0
Arsenic		8.9		0.96	1.0
Barium		115		1.2	40.8
Beryllium		0.37	J	0.15	0.41
Cadmium		0.30	J	0.15	1.0
Calcium		6780		72.2	1020
Chromium		22.0		0.88	2.0
Cobalt		6.7	J	0.87	10.2
Copper		74.6		2.0	5.1
Iron		23100		12.3	30.6
Lead		288		0.88	1.0
Magnesium		2520		73.4	1020
Manganese		391		0.90	3.1
Nickel		18.7		0.90	8.2
Potassium		1050		109	1020
Selenium		2.0	U	1.3	2.0
Silver		2.0	U	0.20	2.0
Sodium		194	J	161	1020
Thallium		2.0	U	1.2	2.0
Vanadium		28.9		0.78	10.2
Zinc		170		1.1	6.1

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159051	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159020	Lab File ID:	159019a.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	05/05/2013 2143			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 0851				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.47		0.012	0.017

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B6 (0-0.5)**

Lab Sample ID: 460-55357-6 | Date Sampled: 05/02/2013 1335
Client Matrix: Solid | % Moisture: 2.7 | Date Received: 05/02/2013 1645

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-158889	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-158778	Lab File ID:	05032013.asc
Dilution:	4.0			Initial Weight/Volume:	1.10 g
Analysis Date:	05/03/2013 1611			Final Weight/Volume:	50 mL
Prep Date:	05/03/2013 0850				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		2590		17.0	37.4
Antimony		1.9	U	1.2	1.9
Arsenic		3.2		0.88	0.93
Barium		28.5	J	1.1	37.4
Beryllium		0.27	J	0.13	0.37
Cadmium		0.93	U	0.14	0.93
Calcium		3680		66.2	935
Chromium		9.9		0.80	1.9
Cobalt		3.8	J	0.80	9.3
Copper		19.1		1.8	4.7
Iron		9470		11.3	28.0
Lead		62.7		0.80	0.93
Magnesium		1190		67.3	935
Manganese		118		0.82	2.8
Nickel		9.1		0.82	7.5
Potassium		739	J	100	935
Selenium		1.9	U	1.2	1.9
Silver		1.9	U	0.19	1.9
Sodium		935	U	148	935
Thallium		1.9	U	1.1	1.9
Vanadium		11.2		0.72	9.3
Zinc		69.9		1.0	5.6

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159051	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159020	Lab File ID:	159019a.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	05/05/2013 2149			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 0851				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.15		0.012	0.017

Client: Henningson, Durham & Richardson | Job Number: 460-55357-1

Client Sample ID: **B7 (0-0.5)**

Lab Sample ID: 460-55357-7 | Date Sampled: 05/02/2013 1445
Client Matrix: Solid | % Moisture: 4.2 | Date Received: 05/02/2013 1645

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-160612	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-158778	Lab File ID:	05132013.asc
Dilution:	4.0			Initial Weight/Volume:	1.00 g
Analysis Date:	05/13/2013 1933			Final Weight/Volume:	50 mL
Prep Date:	05/03/2013 0850				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		5940		19.0	41.8
Antimony		2.1	U	1.3	2.1
Arsenic		5.4		0.98	1.0
Barium		101		1.2	41.8
Beryllium		0.29	J	0.15	0.42
Cadmium		0.59	J	0.15	1.0
Calcium		23600		73.9	1040
Chromium		17.5		0.90	2.1
Cobalt		4.8	J	0.89	10.4
Copper		72.5		2.0	5.2
Iron		14000		12.6	31.3
Lead		176		0.90	1.0
Magnesium		3680		75.2	1040
Manganese		218		0.92	3.1
Nickel		17.5		0.92	8.4
Potassium		1190		112	1040
Selenium		2.1	U	1.4	2.1
Silver		2.1	U	0.21	2.1
Sodium		171	J	165	1040
Thallium		2.1	U	1.2	2.1
Vanadium		25.5		0.80	10.4
Zinc		159		1.1	6.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159051	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159020	Lab File ID:	159019a.PRN
Dilution:	2.0			Initial Weight/Volume:	0.63 g
Analysis Date:	05/05/2013 2211			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 0851				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.91		0.024	0.034

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55357-9
Client Matrix: Water

Date Sampled: 05/02/2013 1500
Date Received: 05/02/2013 1645

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-158889	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-158761	Lab File ID:	05032013.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	05/03/2013 1347			Final Weight/Volume:	100 mL
Prep Date:	05/03/2013 0729				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	72.1	200
Antimony	10.0	U	7.4	10.0
Arsenic	5.0	U	3.7	5.0
Barium	200	U	5.9	200
Beryllium	2.0	U	0.78	2.0
Cadmium	5.0	U	0.82	5.0
Calcium	308	J	305	5000
Chromium	10.0	U	4.5	10.0
Cobalt	50.0	U	4.3	50.0
Copper	25.0	U	7.8	25.0
Iron	150	U	73.6	150
Lead	5.0	U	4.0	5.0
Magnesium	5000	U	321	5000
Manganese	15.0	U	4.3	15.0
Nickel	40.0	U	5.0	40.0
Potassium	5000	U	525	5000
Selenium	10.0	U	5.8	10.0
Silver	10.0	U	1.3	10.0
Sodium	5000	U	821	5000
Thallium	10.0	U	5.2	10.0
Vanadium	50.0	U	4.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-158921	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-158893	Lab File ID:	158893HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	05/03/2013 2101			Final Weight/Volume:	30 mL
Prep Date:	05/03/2013 1645				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

General Chemistry

Client Sample ID: **B1 (0-0.5)**

Lab Sample ID: 460-55357-1 Date Sampled: 05/02/2013 0945

Client Matrix: Solid Date Received: 05/02/2013 1645

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N
Percent Solids	94.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N

General Chemistry

Client Sample ID: **B2 (0-0.5)**

Lab Sample ID: 460-55357-2 Date Sampled: 05/02/2013 1015

Client Matrix: Solid Date Received: 05/02/2013 1645

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N
Percent Solids	95.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N

General Chemistry

Client Sample ID: **B3 (0-0.5)**

Lab Sample ID: 460-55357-3 Date Sampled: 05/02/2013 1050

Client Matrix: Solid Date Received: 05/02/2013 1645

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N
Percent Solids	94.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N

General Chemistry

Client Sample ID: **B4 (0-0.5)**

Lab Sample ID: 460-55357-4 Date Sampled: 05/02/2013 1115

Client Matrix: Solid Date Received: 05/02/2013 1645

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N
Percent Solids	95.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N

General Chemistry

Client Sample ID: **B5 (0-0.5)**

Lab Sample ID: 460-55357-5 Date Sampled: 05/02/2013 1140

Client Matrix: Solid Date Received: 05/02/2013 1645

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N
Percent Solids	94.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N

General Chemistry

Client Sample ID: **B6 (0-0.5)**

Lab Sample ID: 460-55357-6 Date Sampled: 05/02/2013 1335

Client Matrix: Solid Date Received: 05/02/2013 1645

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	2.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N
Percent Solids	97.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N

General Chemistry

Client Sample ID: **B7 (0-0.5)**

Lab Sample ID: 460-55357-7 Date Sampled: 05/02/2013 1445

Client Matrix: Solid Date Received: 05/02/2013 1645

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N
Percent Solids	95.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158852	Analysis Date: 05/03/2013 1320						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: Henningson, Durham & Richardson Job Number: 460-55357-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
GC Semi VOA		
	U	Analyzed for but not detected.
	E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

QUALITY CONTROL RESULTS

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-158707					
LB3 460-158707/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-55357-1	B1 (0-0.5)	T	Solid	5035	
460-55357-2	B2 (0-0.5)	T	Solid	5035	
460-55357-3	B3 (0-0.5)	T	Solid	5035	
460-55357-4	B4 (0-0.5)	T	Solid	5035	
460-55357-5	B5 (0-0.5)	T	Solid	5035	
460-55357-6	B6 (0-0.5)	T	Solid	5035	
460-55357-7	B7 (0-0.5)	T	Solid	5035	
Analysis Batch:460-158768					
LCS 460-158768/3	Lab Control Sample	T	Water	8260B	
MB 460-158768/7	Method Blank	T	Water	8260B	
460-55357-8	Trip Blank	T	Water	8260B	
460-55357-9	FB-1	T	Water	8260B	
Analysis Batch:460-159050					
LCS 460-159050/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-159050/26	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-159050/4	Method Blank	T	Solid	8260B	
LB3 460-158707/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260B	460-158707
460-55357-1	B1 (0-0.5)	T	Solid	8260B	460-158707
460-55357-2	B2 (0-0.5)	T	Solid	8260B	460-158707
460-55357-3	B3 (0-0.5)	T	Solid	8260B	460-158707
460-55357-4	B4 (0-0.5)	T	Solid	8260B	460-158707
460-55357-5	B5 (0-0.5)	T	Solid	8260B	460-158707
460-55357-6	B6 (0-0.5)	T	Solid	8260B	460-158707
460-55357-7	B7 (0-0.5)	T	Solid	8260B	460-158707

Report Basis
T = Total

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-158940					
LCS 460-158940/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-158940/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-158940/1-A	Method Blank	T	Water	3510C	
460-55357-9	FB-1	T	Water	3510C	
Prep Batch: 460-159028					
LCS 460-159028/2-A	Lab Control Sample	T	Solid	3541	
MB 460-159028/1-A	Method Blank	T	Solid	3541	
460-55357-1	B1 (0-0.5)	T	Solid	3541	
460-55357-2	B2 (0-0.5)	T	Solid	3541	
Prep Batch: 460-159104					
LCS 460-159104/2-A	Lab Control Sample	T	Solid	3541	
MB 460-159104/1-A	Method Blank	T	Solid	3541	
460-55357-3	B3 (0-0.5)	T	Solid	3541	
460-55357-4	B4 (0-0.5)	T	Solid	3541	
460-55357-5	B5 (0-0.5)	T	Solid	3541	
460-55357-6	B6 (0-0.5)	T	Solid	3541	
460-55357-7	B7 (0-0.5)	T	Solid	3541	
Analysis Batch:460-159417					
MB 460-158940/1-A	Method Blank	T	Water	8270C	460-158940
460-55357-9	FB-1	T	Water	8270C	460-158940
Analysis Batch:460-159419					
LCS 460-158940/2-A	Lab Control Sample	T	Water	8270C	460-158940
LCSD 460-158940/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-158940
Analysis Batch:460-159429					
LCS 460-159028/2-A	Lab Control Sample	T	Solid	8270C	460-159028
MB 460-159028/1-A	Method Blank	T	Solid	8270C	460-159028
Analysis Batch:460-159670					
LCS 460-159104/2-A	Lab Control Sample	T	Solid	8270C	460-159104
Analysis Batch:460-159846					
460-55357-1	B1 (0-0.5)	T	Solid	8270C	460-159028
Analysis Batch:460-159878					
MB 460-159104/1-A	Method Blank	T	Solid	8270C	460-159104
460-55357-3	B3 (0-0.5)	T	Solid	8270C	460-159104
460-55357-5	B5 (0-0.5)	T	Solid	8270C	460-159104
460-55357-6	B6 (0-0.5)	T	Solid	8270C	460-159104
460-55357-7	B7 (0-0.5)	T	Solid	8270C	460-159104

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-159904					
460-55357-2	B2 (0-0.5)	T	Solid	8270C	460-159028
460-55357-4	B4 (0-0.5)	T	Solid	8270C	460-159104

Report Basis

T = Total

Client: Henningson, Durham & Richardson Job Number: 460-55357-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-158770					
LCS 460-158770/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-158770/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-158770/1-A	Method Blank	T	Water	3510C	
460-55357-9	FB-1	T	Water	3510C	
Prep Batch: 460-158934					
LCS 460-158934/2-A	Lab Control Sample	T	Solid	3546	
MB 460-158934/1-A	Method Blank	T	Solid	3546	
460-55357-1	B1 (0-0.5)	T	Solid	3546	
460-55357-2	B2 (0-0.5)	T	Solid	3546	
460-55357-3	B3 (0-0.5)	T	Solid	3546	
460-55357-4	B4 (0-0.5)	T	Solid	3546	
460-55357-5	B5 (0-0.5)	T	Solid	3546	
460-55357-6	B6 (0-0.5)	T	Solid	3546	
460-55357-7	B7 (0-0.5)	T	Solid	3546	
Prep Batch: 460-158936					
LCS 460-158936/2-A	Lab Control Sample	T	Solid	3546	
MB 460-158936/1-A	Method Blank	T	Solid	3546	
460-55357-2	B2 (0-0.5)	T	Solid	3546	
Analysis Batch:460-159010					
LCS 460-158934/2-A	Lab Control Sample	T	Solid	8082	460-158934
MB 460-158934/1-A	Method Blank	T	Solid	8082	460-158934
460-55357-1	B1 (0-0.5)	T	Solid	8082	460-158934
460-55357-2	B2 (0-0.5)	T	Solid	8082	460-158934
460-55357-3	B3 (0-0.5)	T	Solid	8082	460-158934
460-55357-4	B4 (0-0.5)	T	Solid	8082	460-158934
460-55357-5	B5 (0-0.5)	T	Solid	8082	460-158934
460-55357-6	B6 (0-0.5)	T	Solid	8082	460-158934
460-55357-7	B7 (0-0.5)	T	Solid	8082	460-158934
Analysis Batch:460-159045					
LCS 460-158770/2-A	Lab Control Sample	T	Water	8082	460-158770
LCSD 460-158770/3-A	Lab Control Sample Duplicate	T	Water	8082	460-158770
MB 460-158770/1-A	Method Blank	T	Water	8082	460-158770
460-55357-9	FB-1	T	Water	8082	460-158770
Analysis Batch:460-159162					
LCS 460-158936/2-A	Lab Control Sample	T	Solid	8081A	460-158936
MB 460-158936/1-A	Method Blank	T	Solid	8081A	460-158936
Analysis Batch:460-159367					
460-55357-2	B2 (0-0.5)	T	Solid	8081A	460-158936

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis

T = Total

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-158761					
LCS 460-158761/2-A	Lab Control Sample	T	Water	3010A	
MB 460-158761/1-A	Method Blank	T	Water	3010A	
460-55357-9	FB-1	T	Water	3010A	
Prep Batch: 460-158778					
LCSSRM 460-158778/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-158778/1-A ^2	Method Blank	T	Solid	3050B	
460-55357-1	B1 (0-0.5)	T	Solid	3050B	
460-55357-2	B2 (0-0.5)	T	Solid	3050B	
460-55357-3	B3 (0-0.5)	T	Solid	3050B	
460-55357-4	B4 (0-0.5)	T	Solid	3050B	
460-55357-5	B5 (0-0.5)	T	Solid	3050B	
460-55357-6	B6 (0-0.5)	T	Solid	3050B	
460-55357-7	B7 (0-0.5)	T	Solid	3050B	
Analysis Batch:460-158889					
LCS 460-158761/2-A	Lab Control Sample	T	Water	6010B	460-158761
MB 460-158761/1-A	Method Blank	T	Water	6010B	460-158761
LCSSRM 460-158778/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-158778
MB 460-158778/1-A ^2	Method Blank	T	Solid	6010B	460-158778
460-55357-1	B1 (0-0.5)	T	Solid	6010B	460-158778
460-55357-2	B2 (0-0.5)	T	Solid	6010B	460-158778
460-55357-3	B3 (0-0.5)	T	Solid	6010B	460-158778
460-55357-4	B4 (0-0.5)	T	Solid	6010B	460-158778
460-55357-5	B5 (0-0.5)	T	Solid	6010B	460-158778
460-55357-6	B6 (0-0.5)	T	Solid	6010B	460-158778
460-55357-9	FB-1	T	Water	6010B	460-158761
Prep Batch: 460-158893					
LCS 460-158893/12-A	Lab Control Sample	T	Water	7470A	
MB 460-158893/11-A	Method Blank	T	Water	7470A	
460-55357-9	FB-1	T	Water	7470A	
Analysis Batch:460-158921					
LCS 460-158893/12-A	Lab Control Sample	T	Water	7470A	460-158893
MB 460-158893/11-A	Method Blank	T	Water	7470A	460-158893
460-55357-9	FB-1	T	Water	7470A	460-158893

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-159020					
LCSSRM 460-159020/2-A ^50	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-159020/1-A	Method Blank	T	Solid	7471A	
460-55357-1	B1 (0-0.5)	T	Solid	7471A	
460-55357-2	B2 (0-0.5)	T	Solid	7471A	
460-55357-3	B3 (0-0.5)	T	Solid	7471A	
460-55357-4	B4 (0-0.5)	T	Solid	7471A	
460-55357-5	B5 (0-0.5)	T	Solid	7471A	
460-55357-6	B6 (0-0.5)	T	Solid	7471A	
460-55357-7	B7 (0-0.5)	T	Solid	7471A	
Analysis Batch:460-159051					
LCSSRM 460-159020/2-A ^50	LCS-Certified Reference Material	T	Solid	7471A	460-159020
MB 460-159020/1-A	Method Blank	T	Solid	7471A	460-159020
460-55357-1	B1 (0-0.5)	T	Solid	7471A	460-159020
460-55357-2	B2 (0-0.5)	T	Solid	7471A	460-159020
460-55357-3	B3 (0-0.5)	T	Solid	7471A	460-159020
460-55357-4	B4 (0-0.5)	T	Solid	7471A	460-159020
460-55357-5	B5 (0-0.5)	T	Solid	7471A	460-159020
460-55357-6	B6 (0-0.5)	T	Solid	7471A	460-159020
460-55357-7	B7 (0-0.5)	T	Solid	7471A	460-159020
Analysis Batch:460-160612					
460-55357-7	B7 (0-0.5)	T	Solid	6010B	460-158778

Report Basis
T = Total

General Chemistry

Analysis Batch:460-158852					
460-55357-1	B1 (0-0.5)	T	Solid	Moisture	
460-55357-2	B2 (0-0.5)	T	Solid	Moisture	
460-55357-3	B3 (0-0.5)	T	Solid	Moisture	
460-55357-4	B4 (0-0.5)	T	Solid	Moisture	
460-55357-5	B5 (0-0.5)	T	Solid	Moisture	
460-55357-6	B6 (0-0.5)	T	Solid	Moisture	
460-55357-7	B7 (0-0.5)	T	Solid	Moisture	

Report Basis
T = Total

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DCA %Rec	TOL %Rec
460-55357-1	B1 (0-0.5)	89	102	89
460-55357-2	B2 (0-0.5)	88	100	88
460-55357-3	B3 (0-0.5)	88	96	86
460-55357-4	B4 (0-0.5)	82	105	87
460-55357-5	B5 (0-0.5)	85	110	94
460-55357-6	B6 (0-0.5)	86	94	88
460-55357-7	B7 (0-0.5)	82	101	89

Surrogate	Acceptance Limits
BFB = Bromofluorobenzene	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
MB 460-159050/4		91	89	86
LB3 460-158707/1-A		94	92	88
LCS 460-159050/3		101	89	87
LCSD 460-159050/26		100	92	90

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-55357-8	Trip Blank	110	89	88
460-55357-9	FB-1	111	91	88
MB 460-158768/7		106	89	91
LCS 460-158768/3		102	92	95

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
460-55357-1	B1 (0-0.5)	92	73	80	69	69	78
460-55357-2	B2 (0-0.5)	81	71	76	64	55	57
460-55357-3	B3 (0-0.5)	95	58	64	66	86	58
460-55357-4	B4 (0-0.5)	87	78	80	76	66	68
460-55357-5	B5 (0-0.5)	97	67	74	82	84	57
460-55357-6	B6 (0-0.5)	100	62	68	68	105	63
460-55357-7	B7 (0-0.5)	92	69	88	80	76	57

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl	40-109
2FP = 2-Fluorophenol	37-125
NBZ = Nitrobenzene-d5	38-105
PHL = Phenol-d5	41-118
TPH = Terphenyl-d14	16-151
TBP = 2,4,6-Tribromophenol	10-120

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec	2FP %Rec	FBP %Rec
MB 460-159028/1-A		92	89	104	97	85	87
MB 460-159104/1-A		90	92	120	93	79	93
LCS 460-159028/2-A		67	74	72	75	71	74
LCS 460-159104/2-A		69	76	74	75	74	78

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5	38-105
PHL = Phenol-d5	41-118
TPH = Terphenyl-d14	16-151
TBP = 2,4,6-Tribromophenol	10-120
2FP = 2-Fluorophenol	37-125
FBP = 2-Fluorobiphenyl	40-109

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec	2FP %Rec	FBP %Rec
460-55357-9	FB-1	75	22	96	80	33	73
MB 460-158940/1-A		89	31	98	96	45	91
LCS 460-158940/2-A		83	35	91	98	44	85
LCSD 460-158940/3-A		88	34	88	95	48	80

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5	60-114
PHL = Phenol-d5	4-86
TPH = Terphenyl-d14	72-130
TBP = 2,4,6-Tribromophenol	51-126
2FP = 2-Fluorophenol	15-96
FBP = 2-Fluorobiphenyl	50-120

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Surrogate Recovery Report

8081A Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-55357-2	B2 (0-0.5)	126	116	111	115
MB 460-158936/1-A		102	112	115	111
LCS 460-158936/2-A		109	115	116	113

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	37-150
DCB = DCB Decachlorobiphenyl	60-150

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-55357-1	B1 (0-0.5)	104	123
460-55357-2	B2 (0-0.5)	86	118
460-55357-3	B3 (0-0.5)	78	109
460-55357-4	B4 (0-0.5)	80p	123
460-55357-5	B5 (0-0.5)	86	112
460-55357-6	B6 (0-0.5)	100	102
460-55357-7	B7 (0-0.5)	82	112
MB 460-158934/1-A		111	113
LCS 460-158934/2-A		113	108

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	45-138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-55357-9	FB-1	89	125
MB 460-158770/1-A		115	104
LCS 460-158770/2-A		111	100
LCSD 460-158770/3-A		116	105

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	37-150

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-158707

Method: 8260B
Preparation: 5035

Lab Sample ID:	LB3 460-158707/1-A	Analysis Batch:	460-159050	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	460-158707	Lab File ID:	o73527.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/05/2013 1917	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	05/02/2013 2127				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	2.02	J	1.7	10
Bromomethane	1.0	U	0.43	1.0
Carbon disulfide	1.0	U	0.15	1.0
Chloroethane	1.0	U	0.33	1.0
Chloroform	1.0	U	0.24	1.0
Chloromethane	1.0	U	0.16	1.0
cis-1,2-Dichloroethene	1.0	U	0.11	1.0
1,1-Dichloroethane	1.0	U	0.11	1.0
1,2-Dichloroethane	1.0	U	0.18	1.0
Carbon tetrachloride	1.0	U	0.15	1.0
Bromodichloromethane	1.0	U	0.32	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,2-Dichloropropane	1.0	U	0.15	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.10	1.0
Methylene Chloride	1.0	U	0.15	1.0
Benzene	1.0	U	0.15	1.0
Methyl Ethyl Ketone	10	U	0.63	10
1,2-Dichloroethene, Total	2.0	U	0.20	2.0
Bromoform	1.0	U	0.17	1.0
Methyl isobutyl ketone (MIBK)	10	U	0.20	10
2-Hexanone	10	U	0.13	10
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.14	1.0
Chlorobenzene	1.0	U	0.18	1.0
Ethylbenzene	1.0	U	0.17	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.10	1.0
1,1,1-Trichloroethane	1.0	U	0.13	1.0
Styrene	1.0	U	0.28	1.0
1,1,2-Trichloroethane	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.12	1.0
Vinyl chloride	1.0	U	0.34	1.0
Xylenes, Total	3.0	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	70 - 130
Toluene-d8 (Surr)	92	70 - 130
Bromofluorobenzene	88	70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-158768

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-158768/7	Analysis Batch:	460-158768	Instrument ID:	VOAMS10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	r01931.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/03/2013 0855	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/03/2013 0855				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	5.0	U	2.7	5.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.17	1.0
Chloroform	1.0	U	0.080	1.0
Chloromethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.20	1.0
Methylene Chloride	1.0	U	0.18	1.0
2-Butanone	5.0	U	2.3	5.0
Benzene	1.0	U	0.080	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Styrene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.090	1.0
Vinyl chloride	1.0	U	0.14	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 130
Toluene-d8 (Surr)	89	70 - 130
Bromofluorobenzene	91	70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Control Sample - Batch: 460-158768

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-158768/3	Analysis Batch:	460-158768	Instrument ID:	VOAMS10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	r01929.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/03/2013 0758	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/03/2013 0758				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	26.5	133	45 - 156	
Bromomethane	20.0	18.7	94	55 - 153	
Carbon disulfide	20.0	21.7	108	58 - 139	
Chloroethane	20.0	21.1	106	69 - 145	
Chloroform	20.0	22.7	113	82 - 123	
Chloromethane	20.0	19.2	96	58 - 146	
cis-1,2-Dichloroethene	20.0	20.1	101	80 - 120	
1,1-Dichloroethane	20.0	20.8	104	78 - 122	
1,2-Dichloroethane	20.0	23.2	116	74 - 118	
Carbon tetrachloride	20.0	23.4	117	73 - 120	
Bromodichloromethane	20.0	21.5	107	79 - 119	
1,1-Dichloroethene	20.0	22.4	112	56 - 139	
1,2-Dichloropropane	20.0	20.0	100	80 - 120	
cis-1,3-Dichloropropene	20.0	20.2	101	80 - 120	
Dibromochloromethane	20.0	20.9	104	80 - 120	
Methylene Chloride	20.0	21.0	105	79 - 119	
2-Butanone	20.0	25.5	127	65 - 114	*
Benzene	20.0	21.5	107	83 - 124	
Bromoform	20.0	19.3	97	73 - 123	
4-Methyl-2-pentanone	20.0	21.0	105	53 - 120	
2-Hexanone	20.0	19.9	99	53 - 121	
1,1,2,2-Tetrachloroethane	20.0	20.1	101	74 - 126	
Tetrachloroethene	20.0	20.8	104	68 - 139	
Toluene	20.0	21.7	108	80 - 120	
Chlorobenzene	20.0	21.1	105	81 - 121	
Ethylbenzene	20.0	21.0	105	79 - 126	
trans-1,2-Dichloroethene	20.0	20.4	102	75 - 122	
trans-1,3-Dichloropropene	20.0	19.7	98	78 - 118	
1,1,1-Trichloroethane	20.0	22.4	112	74 - 128	
Styrene	20.0	21.2	106	69 - 112	
1,1,2-Trichloroethane	20.0	20.4	102	79 - 119	
Trichloroethene	20.0	20.9	105	78 - 119	
Vinyl chloride	20.0	23.4	117	61 - 144	
Xylenes, Total	60.0	64.2	107	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 130
Toluene-d8 (Surr)	92	70 - 130
Bromofluorobenzene	95	70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-159050

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-159050/4	Analysis Batch:	460-159050	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o73526.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/05/2013 1848	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	2.04	J	1.7	10
Bromomethane	1.0	U	0.43	1.0
Carbon disulfide	1.0	U	0.15	1.0
Chloroethane	1.0	U	0.33	1.0
Chloroform	1.0	U	0.24	1.0
Chloromethane	1.0	U	0.16	1.0
cis-1,2-Dichloroethene	1.0	U	0.11	1.0
1,1-Dichloroethane	1.0	U	0.11	1.0
1,2-Dichloroethane	1.0	U	0.18	1.0
Carbon tetrachloride	1.0	U	0.15	1.0
Bromodichloromethane	1.0	U	0.32	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,2-Dichloropropane	1.0	U	0.15	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.10	1.0
Methylene Chloride	1.0	U	0.15	1.0
Benzene	1.0	U	0.15	1.0
Methyl Ethyl Ketone	10	U	0.63	10
1,2-Dichloroethene, Total	2.0	U	0.20	2.0
Bromoform	1.0	U	0.17	1.0
Methyl isobutyl ketone (MIBK)	10	U	0.20	10
2-Hexanone	10	U	0.13	10
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.14	1.0
Chlorobenzene	1.0	U	0.18	1.0
Ethylbenzene	1.0	U	0.17	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.10	1.0
1,1,1-Trichloroethane	1.0	U	0.13	1.0
Styrene	1.0	U	0.28	1.0
1,1,2-Trichloroethane	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.12	1.0
Vinyl chloride	1.0	U	0.34	1.0
Xylenes, Total	3.0	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 130
Toluene-d8 (Surr)	89	70 - 130
Bromofluorobenzene	86	70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-159050

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-159050/3	Analysis Batch:	460-159050	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o73523.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/05/2013 1734	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-159050/26	Analysis Batch:	460-159050	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o73524.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/05/2013 1759	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	94	95	27 - 164	1	30		
Bromomethane	88	87	54 - 142	1	30		
Carbon disulfide	105	109	72 - 128	4	30		
Chloroethane	90	89	56 - 146	0	30		
Chloroform	95	106	77 - 120	10	30		
Chloromethane	94	97	50 - 151	3	30		
cis-1,2-Dichloroethene	104	98	80 - 120	6	30		
1,1-Dichloroethane	90	94	76 - 125	5	30		
1,2-Dichloroethane	94	100	76 - 118	6	30		
Carbon tetrachloride	80	82	79 - 118	3	30		
Bromodichloromethane	91	92	79 - 119	2	30		
1,1-Dichloroethene	107	109	71 - 126	2	30		
1,2-Dichloropropane	101	106	82 - 122	5	30		
cis-1,3-Dichloropropene	109	109	80 - 123	0	30		
Dibromochloromethane	71	73	68 - 120	3	30		
Methylene Chloride	94	97	74 - 137	4	30		
Benzene	112	115	77 - 117	3	30		
Methyl Ethyl Ketone	114	114	77 - 117	0	30		
Bromoform	62	63	59 - 125	3	30		
Methyl isobutyl ketone (MIBK)	94	107	68 - 120	13	30		
2-Hexanone	76	81	70 - 122	6	30		
1,1,2,2-Tetrachloroethane	93	105	79 - 122	13	30		
Tetrachloroethene	81	87	80 - 120	7	30		
Toluene	92	94	75 - 115	2	30		
Chlorobenzene	89	93	80 - 120	5	30		
Ethylbenzene	87	92	81 - 121	6	30		
trans-1,2-Dichloroethene	97	105	75 - 122	8	30		
trans-1,3-Dichloropropene	69	73	67 - 121	6	30		
1,1,1-Trichloroethane	87	98	78 - 117	12	30		
Styrene	93	95	82 - 122	2	30		
1,1,2-Trichloroethane	91	94	73 - 118	2	30		
Trichloroethene	107	105	79 - 119	1	30		
Vinyl chloride	101	101	67 - 133	0	30		
Xylenes, Total	93	98	82 - 122	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	100	70 - 130
Toluene-d8 (Surr)	89	92	70 - 130
Bromofluorobenzene	87	90	70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-158940

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-158940/1-A	Analysis Batch:	460-159417	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-158940	Lab File ID:	m64626.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/06/2013 1432	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/04/2013 0732			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
4-Chloro-3-methylphenol	10	U	1.1	10
2-Chlorophenol	10	U	0.93	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
1,2-Dichlorobenzene	10	U	1.3	10
1,3-Dichlorobenzene	10	U	1.6	10
1,4-Dichlorobenzene	10	U	1.9	10
4-Chloroaniline	10	U	1.3	10
2,4-Dichlorophenol	10	U	1.1	10
2,4-Dimethylphenol	10	U	1.2	10
2-Chloronaphthalene	10	U	1.3	10
Dimethyl phthalate	10	U	1.1	10
4,6-Dinitro-2-methylphenol	30	U	3.0	30
Acenaphthylene	10	U	1.8	10
2,4-Dinitrophenol	30	U	2.0	30
2,6-Dinitrotoluene	2.0	U	0.27	2.0
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
Hexachlorobutadiene	2.0	U	0.68	2.0
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorocyclopentadiene	10	U	1.5	10
Hexachlorobenzene	1.0	U	0.20	1.0
Hexachloroethane	1.0	U	0.15	1.0
Anthracene	10	U	0.85	10
Isophorone	10	U	1.3	10
2-Methylnaphthalene	10	U	1.5	10
Carbazole	10	U	1.2	10
2-Methylphenol	10	U	1.4	10
Di-n-butyl phthalate	10	U	1.0	10
4-Methylphenol	10	U	1.0	10
Fluoranthene	10	U	1.1	10
Naphthalene	10	U	2.0	10
2-Nitroaniline	20	U	2.0	20
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	20	U	3.2	20
3-Nitroaniline	20	U	2.9	20
4-Nitroaniline	20	U	2.9	20
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	10	U	1.4	10
Nitrobenzene	1.0	U	0.34	1.0
Bis(2-ethylhexyl) phthalate	10	U	0.81	10

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-158940

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-158940/1-A	Analysis Batch:	460-159417	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-158940	Lab File ID:	m64626.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/06/2013 1432	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/04/2013 0732			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Nitrophenol	10	U	0.68	10
Di-n-octyl phthalate	10	U	0.88	10
4-Nitrophenol	30	U	2.0	30
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
N-Nitrosodiphenylamine	10	U	1.0	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Pentachlorophenol	30	U	2.7	30
Benzo[g,h,i]perylene	10	U	0.93	10
Phenanthrene	10	U	1.2	10
Benzyl alcohol	10	U	1.1	10
Phenol	10	U	0.60	10
Pyrene	10	U	1.1	10
1,2,4-Trichlorobenzene	1.0	U	0.19	1.0
2,4,5-Trichlorophenol	10	U	2.2	10
2,2'-oxybis[1-chloropropane]	10	U	1.3	10
2,4,6-Trichlorophenol	10	U	1.4	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	89	60 - 114
Phenol-d5	31	4 - 86
Terphenyl-d14	98	72 - 130
2,4,6-Tribromophenol	96	51 - 126
2-Fluorophenol	45	15 - 96
2-Fluorobiphenyl	91	50 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-158940

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-158940/2-A	Analysis Batch:	460-159419	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-158940	Lab File ID:	m64653.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/07/2013 0945	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/04/2013 0732			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-158940/3-A	Analysis Batch:	460-159419	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-158940	Lab File ID:	m64654.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/07/2013 1006	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/04/2013 0732			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Bis(2-chloroethyl)ether	87	91	43 - 104	4	30		
4-Chloro-3-methylphenol	88	86	50 - 120	1	30		
2-Chlorophenol	81	84	43 - 117	3	30		
Bis(2-chloroethoxy)methane	95	94	50 - 119	1	30		
1,2-Dichlorobenzene	91	92	36 - 115	1	30		
1,3-Dichlorobenzene	90	92	32 - 113	2	30		
1,4-Dichlorobenzene	87	89	32 - 115	3	30		
4-Chloroaniline	91	84	31 - 123	8	30		
2,4-Dichlorophenol	83	86	57 - 114	3	30		
2,4-Dimethylphenol	78	79	31 - 119	1	30		
2-Chloronaphthalene	91	88	44 - 124	3	30		
Dimethyl phthalate	99	98	54 - 121	1	30		
4,6-Dinitro-2-methylphenol	103	101	52 - 132	2	30		
Acenaphthylene	95	93	46 - 122	2	30		
2,4-Dinitrophenol	104	99	28 - 142	5	30		
2,6-Dinitrotoluene	104	102	52 - 130	2	30		
Acenaphthene	90	83	47 - 114	9	30		
Dibenzofuran	93	94	46 - 122	1	30		
2,4-Dinitrotoluene	111	107	55 - 127	3	30		
Diethyl phthalate	105	102	51 - 122	3	30		
4-Chlorophenyl phenyl ether	96	91	48 - 120	5	30		
Fluorene	96	94	48 - 122	2	30		
Hexachlorobutadiene	85	83	37 - 109	3	30		
4-Bromophenyl phenyl ether	91	99	52 - 122	8	30		
Hexachlorocyclopentadiene	77	77	18 - 92	1	30		
Hexachlorobenzene	94	96	52 - 122	3	30		
Hexachloroethane	87	89	41 - 104	2	30		
Anthracene	97	96	54 - 120	1	30		
Isophorone	87	89	47 - 109	2	30		
2-Methylnaphthalene	88	93	46 - 111	5	30		
Carbazole	106	106	54 - 130	0	30		
2-Methylphenol	69	73	39 - 108	5	30		
Di-n-butyl phthalate	106	105	51 - 129	1	30		
4-Methylphenol	60	63	28 - 112	5	30		
Fluoranthene	100	103	55 - 121	2	30		

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-158940

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-158940/2-A	Analysis Batch:	460-159419	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-158940	Lab File ID:	m64653.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/07/2013 0945	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/04/2013 0732			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-158940/3-A	Analysis Batch:	460-159419	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-158940	Lab File ID:	m64654.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/07/2013 1006	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/04/2013 0732			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Naphthalene	91	89	44 - 120	3	30		
2-Nitroaniline	98	96	45 - 122	2	30		
Butyl benzyl phthalate	97	96	53 - 129	1	30		
3,3'-Dichlorobenzidine	81	82	55 - 128	1	30		
3-Nitroaniline	107	103	43 - 129	4	30		
4-Nitroaniline	111	117	49 - 133	5	30		
Benzo[a]anthracene	90	88	54 - 119	3	30		
Chrysene	97	93	53 - 116	4	30		
Nitrobenzene	84	85	47 - 115	1	30		
Bis(2-ethylhexyl) phthalate	96	94	53 - 121	3	30		
2-Nitrophenol	91	89	53 - 122	1	30		
Di-n-octyl phthalate	102	98	51 - 135	4	30		
4-Nitrophenol	47	45	10 - 123	4	30		
Benzo[b]fluoranthene	92	93	52 - 126	2	30		
Benzo[k]fluoranthene	100	92	52 - 122	9	30		
N-Nitrosodi-n-propylamine	94	98	43 - 124	4	30		
Benzo[a]pyrene	98	96	51 - 130	2	30		
N-Nitrosodiphenylamine	104	104	60 - 133	0	30		
Indeno[1,2,3-cd]pyrene	94	95	55 - 123	1	30		
Dibenz(a,h)anthracene	105	100	51 - 137	5	30		
Pentachlorophenol	99	95	39 - 125	4	30		
Benzo[g,h,i]perylene	99	95	55 - 124	5	30		
Phenanthrene	97	97	54 - 124	0	30		
Benzyl alcohol	78	78	40 - 117	0	30		
Phenol	39	39	10 - 98	0	30		
Pyrene	94	94	50 - 124	1	30		
1,2,4-Trichlorobenzene	87	89	46 - 111	3	30		
2,4,5-Trichlorophenol	89	89	53 - 122	0	30		
2,2'-oxybis[1-chloropropane]	92	92	45 - 118	0	30		
2,4,6-Trichlorophenol	90	85	45 - 132	6	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	83	88	60 - 114
Phenol-d5	35	34	4 - 86
Terphenyl-d14	91	88	72 - 130
2,4,6-Tribromophenol	98	95	51 - 126

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorophenol	44	48	15 - 96
2-Fluorobiphenyl	85	80	50 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-159028

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-159028/1-A	Analysis Batch:	460-159429	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159028	Lab File ID:	u87037.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/07/2013 0747	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/05/2013 1319			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bis(2-chloroethyl)ether	33	U	4.5	33
4-Chloro-3-methylphenol	330	U	50	330
2-Chlorophenol	330	U	44	330
Bis(2-chloroethoxy)methane	330	U	43	330
1,2-Dichlorobenzene	330	U	38	330
1,3-Dichlorobenzene	330	U	30	330
1,4-Dichlorobenzene	330	U	37	330
4-Chloroaniline	330	U	88	330
2,4-Dichlorophenol	330	U	48	330
2,4-Dimethylphenol	330	U	82	330
2-Chloronaphthalene	330	U	37	330
Dimethyl phthalate	330	U	39	330
4,6-Dinitro-2-methylphenol	1000	U	90	1000
Acenaphthylene	330	U	39	330
2,4-Dinitrophenol	1000	U	190	1000
2,6-Dinitrotoluene	67	U	10	67
Acenaphthene	330	U	48	330
Dibenzofuran	330	U	39	330
2,4-Dinitrotoluene	67	U	11	67
Diethyl phthalate	330	U	39	330
4-Chlorophenyl phenyl ether	330	U	39	330
Fluorene	330	U	42	330
Hexachlorobutadiene	67	U	8.1	67
4-Bromophenyl phenyl ether	330	U	33	330
Hexachlorocyclopentadiene	330	U	39	330
Hexachlorobenzene	33	U	4.5	33
Hexachloroethane	33	U	3.7	33
Anthracene	330	U	40	330
Isophorone	330	U	40	330
2-Methylnaphthalene	330	U	43	330
Carbazole	330	U	39	330
2-Methylphenol	330	U	56	330
Di-n-butyl phthalate	330	U	41	330
4-Methylphenol	330	U	65	330
Fluoranthene	330	U	44	330
Naphthalene	330	U	38	330
2-Nitroaniline	670	U	140	670
Butyl benzyl phthalate	330	U	30	330
3,3'-Dichlorobenzidine	670	U	120	670
3-Nitroaniline	670	U	120	670
4-Nitroaniline	670	U	100	670
Benzo[a]anthracene	33	U	2.3	33
Chrysene	330	U	39	330
Nitrobenzene	33	U	4.7	33
Bis(2-ethylhexyl) phthalate	330	U	110	330

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-159028

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-159028/1-A	Analysis Batch:	460-159429	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159028	Lab File ID:	u87037.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/07/2013 0747	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/05/2013 1319			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Nitrophenol	330	U	37	330
Di-n-octyl phthalate	330	U	21	330
4-Nitrophenol	1000	U	210	1000
Benzo[b]fluoranthene	33	U	2.1	33
Benzo[k]fluoranthene	33	U	2.5	33
N-Nitrosodi-n-propylamine	33	U	5.5	33
Benzo[a]pyrene	33	U	2.3	33
N-Nitrosodiphenylamine	330	U	33	330
Indeno[1,2,3-cd]pyrene	33	U	6.2	33
Dibenz(a,h)anthracene	33	U	4.2	33
Pentachlorophenol	1000	U	99	1000
Benzo[g,h,i]perylene	330	U	25	330
Phenanthrene	330	U	42	330
Benzyl alcohol	330	U	48	330
Phenol	330	U	44	330
Pyrene	330	U	28	330
1,2,4-Trichlorobenzene	33	U	3.8	33
2,4,5-Trichlorophenol	330	U	43	330
2,2'-oxybis[1-chloropropane]	330	U	37	330
2,4,6-Trichlorophenol	330	U	39	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	92	38 - 105
Phenol-d5	89	41 - 118
Terphenyl-d14	104	16 - 151
2,4,6-Tribromophenol	97	10 - 120
2-Fluorophenol	85	37 - 125
2-Fluorobiphenyl	87	40 - 109

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Control Sample - Batch: 460-159028

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-159028/2-A	Analysis Batch:	460-159429	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159028	Lab File ID:	u87036.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/07/2013 0715	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/05/2013 1319			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bis(2-chloroethyl)ether	3330	2520	76	44 - 101	
4-Chloro-3-methylphenol	6670	5080	76	55 - 117	
2-Chlorophenol	6670	5390	81	56 - 110	
Bis(2-chloroethoxy)methane	3330	2480	74	51 - 100	
1,2-Dichlorobenzene	3330	2300	69	48 - 87	
1,3-Dichlorobenzene	3330	2260	68	47 - 84	
1,4-Dichlorobenzene	3330	2260	68	47 - 85	
4-Chloroaniline	3330	1590	48	10 - 96	
2,4-Dichlorophenol	6670	5390	81	58 - 115	
2,4-Dimethylphenol	6670	5190	78	56 - 112	
2-Chloronaphthalene	3330	2520	76	51 - 102	
Dimethyl phthalate	3330	2810	84	52 - 112	
4,6-Dinitro-2-methylphenol	6670	4020	60	10 - 110	
Acenaphthylene	3330	2760	83	51 - 103	
2,4-Dinitrophenol	6670	4060	61	10 - 129	
2,6-Dinitrotoluene	3330	2940	88	51 - 115	
Acenaphthene	3330	2460	74	46 - 100	
Dibenzofuran	3330	2750	83	52 - 106	
2,4-Dinitrotoluene	3330	2760	83	53 - 110	
Diethyl phthalate	3330	2660	80	52 - 114	
4-Chlorophenyl phenyl ether	3330	2260	68	50 - 106	
Fluorene	3330	2460	74	51 - 108	
Hexachlorobutadiene	3330	2100	63	45 - 98	
4-Bromophenyl phenyl ether	3330	2350	71	44 - 102	
Hexachlorocyclopentadiene	3330	1660	50	24 - 98	
Hexachlorobenzene	3330	2270	68	43 - 104	
Hexachloroethane	3330	2320	70	45 - 90	
Anthracene	3330	2480	74	50 - 107	
Isophorone	3330	2370	71	48 - 97	
2-Methylnaphthalene	3330	2390	72	51 - 98	
Carbazole	3330	2600	78	49 - 104	
2-Methylphenol	6670	5250	79	54 - 117	
Di-n-butyl phthalate	3330	2530	76	50 - 108	
4-Methylphenol	6670	4920	74	47 - 103	
Fluoranthene	3330	2420	73	49 - 108	
Naphthalene	3330	2340	70	53 - 94	
2-Nitroaniline	3330	2410	72	51 - 109	
Butyl benzyl phthalate	3330	2630	79	49 - 117	
3,3'-Dichlorobenzidine	3330	1370	41	24 - 105	
3-Nitroaniline	3330	1930	58	32 - 104	
4-Nitroaniline	3330	2230	67	45 - 106	

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Control Sample - Batch: 460-159028

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-159028/2-A	Analysis Batch:	460-159429	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159028	Lab File ID:	u87036.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/07/2013 0715	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/05/2013 1319			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzo[a]anthracene	3330	2660	80	46 - 112	
Chrysene	3330	2750	82	45 - 114	
Nitrobenzene	3330	2480	74	42 - 106	
Bis(2-ethylhexyl) phthalate	3330	2730	82	49 - 119	
2-Nitrophenol	6670	5050	76	55 - 101	
Di-n-octyl phthalate	3330	2690	81	40 - 106	
4-Nitrophenol	6670	5640	85	45 - 114	
Benzo[b]fluoranthene	3330	2440	73	33 - 96	
Benzo[k]fluoranthene	3330	2400	72	35 - 115	
N-Nitrosodi-n-propylamine	3330	2460	74	42 - 107	
Benzo[a]pyrene	3330	2650	80	36 - 89	
N-Nitrosodiphenylamine	3330	2640	79	49 - 106	
Indeno[1,2,3-cd]pyrene	3330	2230	67	43 - 109	
Dibenz(a,h)anthracene	3330	2150	65	43 - 107	
Pentachlorophenol	6670	4000	60	19 - 113	
Benzo[g,h,i]perylene	3330	1670	50	43 - 106	
Phenanthrene	3330	2400	72	48 - 108	
Benzyl alcohol	3330	2690	81	51 - 104	
Phenol	6670	5050	76	54 - 115	
Pyrene	3330	2680	80	49 - 116	
1,2,4-Trichlorobenzene	3330	2260	68	48 - 94	
2,4,5-Trichlorophenol	6670	6120	92	50 - 115	
2,2'-oxybis[1-chloropropane]	3330	2560	77	45 - 102	
2,4,6-Trichlorophenol	6670	5000	75	53 - 118	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	67	38 - 105
Phenol-d5	74	41 - 118
Terphenyl-d14	72	16 - 151
2,4,6-Tribromophenol	75	10 - 120
2-Fluorophenol	71	37 - 125
2-Fluorobiphenyl	74	40 - 109

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-159104

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-159104/1-A	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159104	Lab File ID:	u87094.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/08/2013 1853	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bis(2-chloroethyl)ether	33	U	4.5	33
4-Chloro-3-methylphenol	330	U	50	330
2-Chlorophenol	330	U	44	330
Bis(2-chloroethoxy)methane	330	U	43	330
1,2-Dichlorobenzene	330	U	38	330
1,3-Dichlorobenzene	330	U	30	330
1,4-Dichlorobenzene	330	U	37	330
4-Chloroaniline	330	U	88	330
2,4-Dichlorophenol	330	U	48	330
2,4-Dimethylphenol	330	U	82	330
2-Chloronaphthalene	330	U	37	330
Dimethyl phthalate	330	U	39	330
4,6-Dinitro-2-methylphenol	1000	U	90	1000
Acenaphthylene	330	U	39	330
2,4-Dinitrophenol	1000	U	190	1000
2,6-Dinitrotoluene	67	U	10	67
Acenaphthene	330	U	48	330
Dibenzofuran	330	U	39	330
2,4-Dinitrotoluene	67	U	11	67
Diethyl phthalate	330	U	39	330
4-Chlorophenyl phenyl ether	330	U	39	330
Fluorene	330	U	42	330
Hexachlorobutadiene	67	U	8.1	67
4-Bromophenyl phenyl ether	330	U	33	330
Hexachlorocyclopentadiene	330	U	39	330
Hexachlorobenzene	33	U	4.5	33
Hexachloroethane	33	U	3.7	33
Anthracene	330	U	40	330
Isophorone	330	U	40	330
2-Methylnaphthalene	330	U	43	330
Carbazole	330	U	39	330
2-Methylphenol	330	U	56	330
Di-n-butyl phthalate	330	U	41	330
4-Methylphenol	330	U	65	330
Fluoranthene	330	U	44	330
Naphthalene	330	U	38	330
2-Nitroaniline	670	U	140	670
Butyl benzyl phthalate	330	U	30	330
3,3'-Dichlorobenzidine	670	U	120	670
3-Nitroaniline	670	U	120	670
4-Nitroaniline	670	U	100	670
Benzo[a]anthracene	33	U	2.3	33
Chrysene	330	U	39	330
Nitrobenzene	33	U	4.7	33
Bis(2-ethylhexyl) phthalate	330	U	110	330

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-159104

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-159104/1-A	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159104	Lab File ID:	u87094.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/08/2013 1853	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Nitrophenol	330	U	37	330
Di-n-octyl phthalate	330	U	21	330
4-Nitrophenol	1000	U	210	1000
Benzo[b]fluoranthene	33	U	2.1	33
Benzo[k]fluoranthene	33	U	2.5	33
N-Nitrosodi-n-propylamine	33	U	5.5	33
Benzo[a]pyrene	33	U	2.3	33
N-Nitrosodiphenylamine	330	U	33	330
Indeno[1,2,3-cd]pyrene	33	U	6.2	33
Dibenz(a,h)anthracene	33	U	4.2	33
Pentachlorophenol	1000	U	99	1000
Benzo[g,h,i]perylene	330	U	25	330
Phenanthrene	330	U	42	330
Benzyl alcohol	330	U	48	330
Phenol	330	U	44	330
Pyrene	330	U	28	330
1,2,4-Trichlorobenzene	33	U	3.8	33
2,4,5-Trichlorophenol	330	U	43	330
2,2'-oxybis[1-chloropropane]	330	U	37	330
2,4,6-Trichlorophenol	330	U	39	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	90	38 - 105
Phenol-d5	92	41 - 118
Terphenyl-d14	120	16 - 151
2,4,6-Tribromophenol	93	10 - 120
2-Fluorophenol	79	37 - 125
2-Fluorobiphenyl	93	40 - 109

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Control Sample - Batch: 460-159104

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-159104/2-A	Analysis Batch:	460-159670	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159104	Lab File ID:	u87068.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/08/2013 0548	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bis(2-chloroethyl)ether	3330	3150	95	44 - 101	
4-Chloro-3-methylphenol	6670	5890	88	55 - 117	
2-Chlorophenol	6670	5720	86	56 - 110	
Bis(2-chloroethoxy)methane	3330	2790	84	51 - 100	
1,2-Dichlorobenzene	3330	2570	77	48 - 87	
1,3-Dichlorobenzene	3330	2590	78	47 - 84	
1,4-Dichlorobenzene	3330	2620	79	47 - 85	
4-Chloroaniline	3330	1710	51	10 - 96	
2,4-Dichlorophenol	6670	6160	92	58 - 115	
2,4-Dimethylphenol	6670	5540	83	56 - 112	
2-Chloronaphthalene	3330	2900	87	51 - 102	
Dimethyl phthalate	3330	2900	87	52 - 112	
4,6-Dinitro-2-methylphenol	6670	3210	48	10 - 110	
Acenaphthylene	3330	3130	94	51 - 103	
2,4-Dinitrophenol	6670	2850	43	10 - 129	
2,6-Dinitrotoluene	3330	3070	92	51 - 115	
Acenaphthene	3330	2800	84	46 - 100	
Dibenzofuran	3330	3150	94	52 - 106	
2,4-Dinitrotoluene	3330	3120	93	53 - 110	
Diethyl phthalate	3330	2760	83	52 - 114	
4-Chlorophenyl phenyl ether	3330	2910	87	50 - 106	
Fluorene	3330	3050	92	51 - 108	
Hexachlorobutadiene	3330	2410	72	45 - 98	
4-Bromophenyl phenyl ether	3330	2550	77	44 - 102	
Hexachlorocyclopentadiene	3330	1840	55	24 - 98	
Hexachlorobenzene	3330	2530	76	43 - 104	
Hexachloroethane	3330	2490	75	45 - 90	
Anthracene	3330	2900	87	50 - 107	
Isophorone	3330	2770	83	48 - 97	
2-Methylnaphthalene	3330	2530	76	51 - 98	
Carbazole	3330	2640	79	49 - 104	
2-Methylphenol	6670	5740	86	54 - 117	
Di-n-butyl phthalate	3330	2610	78	50 - 108	
4-Methylphenol	6670	5410	81	47 - 103	
Fluoranthene	3330	2670	80	49 - 108	
Naphthalene	3330	2650	79	53 - 94	
2-Nitroaniline	3330	2650	80	51 - 109	
Butyl benzyl phthalate	3330	2880	86	49 - 117	
3,3'-Dichlorobenzidine	3330	1190	36	24 - 105	
3-Nitroaniline	3330	1960	59	32 - 104	
4-Nitroaniline	3330	2480	74	45 - 106	

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Control Sample - Batch: 460-159104

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-159104/2-A	Analysis Batch:	460-159670	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159104	Lab File ID:	u87068.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/08/2013 0548	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzo[a]anthracene	3330	2640	79	46 - 112	
Chrysene	3330	2690	81	45 - 114	
Nitrobenzene	3330	2600	78	42 - 106	
Bis(2-ethylhexyl) phthalate	3330	2960	89	49 - 119	
2-Nitrophenol	6670	5820	87	55 - 101	
Di-n-octyl phthalate	3330	3330	100	40 - 106	
4-Nitrophenol	6670	6490	97	45 - 114	
Benzo[b]fluoranthene	3330	2750	83	33 - 96	
Benzo[k]fluoranthene	3330	2750	83	35 - 115	
N-Nitrosodi-n-propylamine	3330	2910	87	42 - 107	
Benzo[a]pyrene	3330	2850	86	36 - 89	
N-Nitrosodiphenylamine	3330	2810	84	49 - 106	
Indeno[1,2,3-cd]pyrene	3330	2530	76	43 - 109	
Dibenz(a,h)anthracene	3330	2520	76	43 - 107	
Pentachlorophenol	6670	4050	61	19 - 113	
Benzo[g,h,i]perylene	3330	2130	64	43 - 106	
Phenanthrene	3330	2700	81	48 - 108	
Benzyl alcohol	3330	3020	91	51 - 104	
Phenol	6670	5580	84	54 - 115	
Pyrene	3330	3150	94	49 - 116	
1,2,4-Trichlorobenzene	3330	2770	83	48 - 94	
2,4,5-Trichlorophenol	6670	6890	103	50 - 115	
2,2'-oxybis[1-chloropropane]	3330	2650	80	45 - 102	
2,4,6-Trichlorophenol	6670	5670	85	53 - 118	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	69	38 - 105
Phenol-d5	76	41 - 118
Terphenyl-d14	74	16 - 151
2,4,6-Tribromophenol	75	10 - 120
2-Fluorophenol	74	37 - 125
2-Fluorobiphenyl	78	40 - 109

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-158936

Method: 8081A
Preparation: 3546

Lab Sample ID:	MB 460-158936/1-A	Analysis Batch:	460-159162	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-158936	Lab File ID:	WR712777.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	05/07/2013 1039	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/04/2013 0427			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
alpha-BHC	6.7	U	1.5	6.7
beta-BHC	6.7	U	1.6	6.7
delta-BHC	6.7	U	1.2	6.7
gamma-BHC (Lindane)	6.7	U	1.2	6.7
4,4'-DDD	6.7	U	1.3	6.7
4,4'-DDE	6.7	U	1.3	6.7
4,4'-DDT	6.7	U	1.6	6.7
Dieldrin	6.7	U	1.2	6.7
Endosulfan I	6.7	U	1.5	6.7
Endosulfan II	6.7	U	1.3	6.7
Endosulfan sulfate	6.7	U	1.3	6.7
Endrin	6.7	U	1.6	6.7
Endrin aldehyde	6.7	U	1.0	6.7
Endrin ketone	6.7	U	1.3	6.7
Heptachlor	6.7	U	1.6	6.7
Heptachlor epoxide	6.7	U	1.5	6.7
Methoxychlor	6.7	U	1.6	6.7
Toxaphene	67	U	18	67
gamma-Chlordane	6.7	U	1.3	6.7
alpha-Chlordane	6.7	U	1.3	6.7

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	112	37 - 150
DCB Decachlorobiphenyl	115	60 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	102	37 - 150
DCB Decachlorobiphenyl	111	60 - 150

Lab Control Sample - Batch: 460-158936 **Method: 8081A**
Preparation: 3546

Lab Sample ID:	LCS 460-158936/2-A	Analysis Batch:	460-159162	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-158936	Lab File ID:	WR712778.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.97 g
Analysis Date:	05/07/2013 1055	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/04/2013 0427			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	134	130	97	68 - 133	
beta-BHC	134	131	98	67 - 137	
delta-BHC	134	130	97	65 - 141	
gamma-BHC (Lindane)	134	131	98	68 - 134	
4,4'-DDD	134	148	111	69 - 150	
4,4'-DDE	134	140	105	70 - 147	
4,4'-DDT	134	133	100	63 - 146	
Dieldrin	134	129	97	63 - 129	
Endosulfan I	134	140	105	69 - 140	
Endosulfan II	134	135	101	66 - 136	
Endosulfan sulfate	134	130	97	65 - 137	
Endrin	134	139	104	67 - 142	
Endrin aldehyde	134	140	105	67 - 134	
Endrin ketone	134	134	101	68 - 146	
Heptachlor	134	138	103	67 - 136	
Heptachlor epoxide	134	133	99	68 - 136	
Methoxychlor	134	129	96	52 - 150	
gamma-Chlordane	134	135	101	67 - 140	
alpha-Chlordane	134	135	101	66 - 138	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	115	37 - 150
DCB Decachlorobiphenyl	116	60 - 150

Lab Control Sample - Batch: 460-158936 **Method: 8081A**
Preparation: 3546

Lab Sample ID:	LCS 460-158936/2-A	Analysis Batch:	460-159162	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-158936	Lab File ID:	WR712778.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.97 g
Analysis Date:	05/07/2013 1055	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/04/2013 0427			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	134	124	93	68 - 133	
beta-BHC	134	127	95	67 - 137	
delta-BHC	134	127	95	65 - 141	
gamma-BHC (Lindane)	134	128	96	68 - 134	
4,4'-DDD	134	139	104	69 - 150	

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Control Sample - Batch: 460-158936

Method: 8081A
Preparation: 3546

Lab Sample ID:	LCS 460-158936/2-A	Analysis Batch:	460-159162	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-158936	Lab File ID:	WR712778.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.97 g
Analysis Date:	05/07/2013 1055	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/04/2013 0427			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDE	134	136	102	70 - 147	
4,4'-DDT	134	128	95	63 - 146	
Dieldrin	134	122	92	63 - 129	
Endosulfan I	134	133	100	69 - 140	
Endosulfan II	134	130	98	66 - 136	
Endosulfan sulfate	134	129	96	65 - 137	
Endrin	134	134	100	67 - 142	
Endrin aldehyde	134	127	95	67 - 134	
Endrin ketone	134	134	100	68 - 146	
Heptachlor	134	128	96	67 - 136	
Heptachlor epoxide	134	132	99	68 - 136	
Methoxychlor	134	122	92	52 - 150	
gamma-Chlordane	134	134	100	67 - 140	
alpha-Chlordane	134	113	85	66 - 138	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	109	37 - 150
DCB Decachlorobiphenyl	113	60 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-158770

Method: 8082
Preparation: 3510C

Lab Sample ID:	MB 460-158770/1-A	Analysis Batch:	460-159045	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-158770	Lab File ID:	VR485475.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	05/05/2013 1839	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	05/03/2013 0819			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.40	U	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U	0.21	0.40

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	115	37 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	37 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-158770

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-158770/2-A	Analysis Batch:	460-159045	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-158770	Lab File ID:	VR485476.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	05/05/2013 1855	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	05/03/2013 0819			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-158770/3-A	Analysis Batch:	460-159045	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-158770	Lab File ID:	VR485477.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	05/05/2013 1910	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	05/03/2013 0819			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	158	146	71 - 126	7	30	E *	*
Aroclor 1260	142	142	73 - 130	0	30	*	*

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	111	116	37 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-158770

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-158770/2-A	Analysis Batch:	460-159045	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-158770	Lab File ID:	VR485476.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	05/05/2013 1855	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	05/03/2013 0819			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-158770/3-A	Analysis Batch:	460-159045	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-158770	Lab File ID:	VR485477.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	05/05/2013 1910	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	05/03/2013 0819			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	129	142	71 - 126	10	30	E *	*
Aroclor 1260	130	137	73 - 130	5	30		*

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	105	37 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-158934

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-158934/1-A	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-158934	Lab File ID:	VR485431.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	05/05/2013 0144	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/04/2013 0321			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	67	U	15	67
Aroclor 1221	67	U	15	67
Aroclor 1232	67	U	15	67
Aroclor 1242	67	U	15	67
Aroclor 1248	67	U	15	67
Aroclor 1254	67	U	19	67
Aroclor 1260	67	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	113	45 - 138

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	111	45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Control Sample - Batch: 460-158934

Method: 8082
Preparation: 3546

Lab Sample ID:	LCS 460-158934/2-A	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-158934	Lab File ID:	VR485432.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.98 g
Analysis Date:	05/05/2013 0159	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/04/2013 0321			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	334	432	129	75 - 150	
Aroclor 1260	334	457	137	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	113	45 - 138

Lab Control Sample - Batch: 460-158934

Method: 8082
Preparation: 3546

Lab Sample ID:	LCS 460-158934/2-A	Analysis Batch:	460-159010	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-158934	Lab File ID:	VR485432.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.98 g
Analysis Date:	05/05/2013 0159	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/04/2013 0321			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	334	427	128	75 - 150	
Aroclor 1260	334	432	129	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	108	45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-158761

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 460-158761/1-A	Analysis Batch:	460-158889	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-158761	Lab File ID:	05032013.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/03/2013 1339	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/03/2013 0729				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	72.1	200
Antimony	10.0	U	7.4	10.0
Arsenic	5.0	U	3.7	5.0
Barium	200	U	5.9	200
Beryllium	2.0	U	0.78	2.0
Cadmium	5.0	U	0.82	5.0
Calcium	5000	U	305	5000
Chromium	10.0	U	4.5	10.0
Cobalt	50.0	U	4.3	50.0
Copper	25.0	U	7.8	25.0
Iron	150	U	73.6	150
Lead	5.0	U	4.0	5.0
Magnesium	5000	U	321	5000
Manganese	15.0	U	4.3	15.0
Nickel	40.0	U	5.0	40.0
Potassium	5000	U	525	5000
Selenium	10.0	U	5.8	10.0
Silver	10.0	U	1.3	10.0
Sodium	5000	U	821	5000
Thallium	10.0	U	5.2	10.0
Vanadium	50.0	U	4.0	50.0
Zinc	30.0	U	5.8	30.0

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Lab Control Sample - Batch: 460-158761

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 460-158761/2-A	Analysis Batch:	460-158889	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-158761	Lab File ID:	05032013.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/03/2013 1329	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/03/2013 0729				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	1968	98	80 - 120	
Antimony	500	444.2	89	80 - 120	
Arsenic	2000	1917	96	80 - 120	
Barium	2000	2116	106	80 - 120	
Beryllium	50.0	51.61	103	80 - 120	
Cadmium	50.0	52.22	104	80 - 120	
Calcium	20000	20370	102	80 - 120	
Chromium	200	208.8	104	80 - 120	
Cobalt	500	524.5	105	80 - 120	
Copper	250	249.5	100	80 - 120	
Iron	1000	1066	107	80 - 120	
Lead	500	537.9	108	80 - 120	
Magnesium	20000	20110	101	80 - 120	
Manganese	500	534.6	107	80 - 120	
Nickel	500	530.6	106	80 - 120	
Potassium	20000	19800	99	80 - 120	
Selenium	2000	1935	97	80 - 120	
Silver	50.0	47.67	95	80 - 120	
Sodium	20000	20740	104	80 - 120	
Thallium	2000	2234	112	80 - 120	
Vanadium	500	509.0	102	80 - 120	
Zinc	500	531.1	106	80 - 120	

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-158778

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-158778/1-A ^2	Analysis Batch:	460-158889	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-158778	Lab File ID:	05032013.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	05/03/2013 1507	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/03/2013 0850				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	20.0	U	9.1	20.0
Antimony	1.0	U	0.62	1.0
Arsenic	0.50	U	0.47	0.50
Barium	20.0	U	0.57	20.0
Beryllium	0.20	U	0.072	0.20
Cadmium	0.50	U	0.074	0.50
Calcium	500	U	35.4	500
Chromium	1.0	U	0.43	1.0
Cobalt	5.0	U	0.43	5.0
Copper	2.5	U	0.97	2.5
Iron	15.0	U	6.1	15.0
Lead	0.50	U	0.43	0.50
Magnesium	500	U	36.0	500
Manganese	1.5	U	0.44	1.5
Nickel	4.0	U	0.44	4.0
Potassium	500	U	53.5	500
Selenium	1.0	U	0.66	1.0
Silver	1.0	U	0.10	1.0
Sodium	500	U	79.0	500
Thallium	1.0	U	0.57	1.0
Vanadium	5.0	U	0.38	5.0
Zinc	3.0	U	0.54	3.0

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

LCS-Certified Reference Material - Batch: 460-158778

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-158889	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-158778	Lab File ID:	05032013.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	05/03/2013 1456	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/03/2013 0850				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	9220	7085	76.9	43.3 - 156.8	
Antimony	119	187.3	157.7	20.8 - 252.5	
Arsenic	166	152.8	91.8	70.8 - 129.8	
Barium	211	205.0	97.2	73.2 - 126.8	
Beryllium	109	104.5	95.9	75.1 - 125.5	
Cadmium	102	103.2	101.2	73.0 - 126.2	
Calcium	6800	6754	99.3	74.4 - 125.8	
Chromium	118	117.9	100.1	69.7 - 129.4	
Cobalt	130	135.8	104.7	74.4 - 125.2	
Copper	117	112.5	96.3	74.6 - 124.6	
Iron	12900	12910	100.3	32.2 - 167.7	
Lead	76.1	76.99	101.1	68.7 - 131.3	
Magnesium	2750	2465	89.6	65.1 - 135.3	
Manganese	335	352.3	105.3	75.4 - 125.1	
Nickel	69.3	72.89	105.2	70.9 - 129.0	
Potassium	3100	2715	87.6	62.9 - 136.7	
Selenium	125	116.8	93.6	66.7 - 134.1	
Silver	41.9	38.24	91.3	66.2 - 134.0	
Sodium	347	322.6	93.1	42.9 - 156.9	J
Thallium	206	220.0	106.8	69.2 - 130.8	
Vanadium	86.2	85.62	99.3	63.1 - 136.6	
Zinc	273	275.8	100.9	71.4 - 128.6	

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-158893

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 460-158893/11-A	Analysis Batch:	460-158921	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-158893	Lab File ID:	158893HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	05/03/2013 2051	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	05/03/2013 1645				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.16	0.20

Lab Control Sample - Batch: 460-158893

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 460-158893/12-A	Analysis Batch:	460-158921	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-158893	Lab File ID:	158893HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	05/03/2013 2053	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	05/03/2013 1645				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.932	93	80 - 120	

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Method Blank - Batch: 460-159020

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 460-159020/1-A	Analysis Batch:	460-159051	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-159020	Lab File ID:	159019a.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	05/05/2013 2108	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 0851				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.017	U	0.012	0.017

LCS-Certified Reference Material - Batch: 460-159020

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-159051	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-159020	Lab File ID:	159019a.PRN
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	05/05/2013 2110	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 0851				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	25.1	24.42	97.3	51.4 - 148.2	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS I

460-55357 Chain of

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3817
) Fax: (732) 549-3679

Page 1 of 1

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
Ed Schwetz	Michael V. Pantiano	Con Ed N 1st Street
Company: HDR	P. O. #	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program:
Address: 1 Blue Hill Plaza	Analysis Turnaround Time: Standard ☐	
City: Pearl River State: NY 10965	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone: 845 735-8300 Fax:		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs 8260	SVOCs 8270	TAL Metals 6010 / 7471	PCBs 8082	Rest 8021	% Moisture	LAB USE ONLY Sample Numbers
B1 (0-0.5)	5.2.13	0945	Soil	6	X	X	X	X		X	1
B2 (0-0.5)		1015			X	X	X	X	X	X	2
B3 (0-0.5)		1050			X	X	X	X		X	3
B4 (0-0.5)		1115			X	X	X	X		X	4
B5 (0-0.5)		1140			X	X	X	X		X	5
B6 (0-0.5)		1335			X	X	X	X		X	6
B7 (0-0.5)		1445	↓	↓	X	X	X	X		X	7
Trip Blank		-	Water	3	X						8
FB-1	↓	1500	water		3	2	1	2			9
XXXX

TestAmerica Edison Receipt Temperature and pH Log

Page ____ of ____

Job Number: 55367

Number of Coolers: 1 IR Gun # 17

Temp. Cooler #1 (Deg C) (Raw/Corrected): 2.8/2.9 Temp. Cooler #4 (Deg C) (Raw/Corrected): ____ Temp. Cooler #7 (Deg C) (Raw/Corrected): ____

Temp. Cooler #2 (Deg C) (Raw/Corrected): ____ Temp. Cooler #5 (Deg C) (Raw/Corrected): ____ Temp. Cooler #8 (Deg C) (Raw/Corrected): ____

Temp. Cooler #3 (Deg C) (Raw/Corrected): ____ Temp. Cooler #6 (Deg C) (Raw/Corrected): ____ Temp. Cooler #9 (Deg C) (Raw/Corrected): ____

Sample No.	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	*Metals (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
9				LZ									

If pH adjustments are required record the information below:

Sample No(s). adjusted: ____

Preservative Name/Conc.: ____ Volume of Preservative used (ml): ____

Lot # of Preservative: ____ Expiration Date: ____

Project Manager and the Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 3, 10/8/12

Initials: AJH Date: 5/2/13

Login Sample Receipt Checklist

Client: Henningson, Durham & Richardson

Job Number: 460-55357-1

Login Number: 55357

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.4° C IR #4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-55458-1

Job Description: Con Ed North 1st Street

For:
Henningson, Durham & Richardson
One Blue Hill Plaza
PO BOX 1509
Pearl River, NY 10965

Attention: Mr. Edward Schwetz

Approved for release.
Kristina Blocker
Project Manager I
5/16/2013 2:23 PM

Designee for
Melissa Haas, Project Manager I
128 Long Hill Cross Road, Shelton, CT, 06484
melissa.haas@testamericainc.com
05/16/2013

cc: Mr. Brian Montroy
Mr. Michael Pantliano

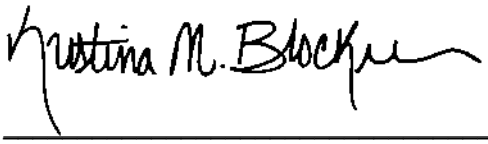
The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Job Number: 460-55458-1

Job Description: Con Ed North 1st Street

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Approved for release.
Kristina Blocker
Project Manager I
5/16/2013 2:23 PM

Designee for
Melissa Haas

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CASE NARRATIVE

Client: Henningson, Durham & Richardson

Project: Con Ed North 1st Street

Report Number: 460-55458-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 05/03/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.1º C and 2.1º C.

Except:

An analysis was not selected on the COC for the following sample: Trip Blank (460-55458-11) .
The sample will be analyzed for volatiles.

The following sample was activated for pesticides analysis by the client on 5/10/13: B2 (5-7) (460-55458-3). This analysis was not originally requested on the chain-of-custody (COC).

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS
Samples 460-55458-2 through 460-55458-7 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 05/05/2013 and analyzed on 05/06/2013.

Samples 460-55458-2 through 460-55458-7(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

DISSOLVED METALS
Samples 460-55458-8 through 460-55458-10 were analyzed for Dissolved metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 05/10/2013.

Samples 460-55458-8(30X), 460-55458-8(4X), 460-55458-9(30X), 460-55458-9(4X), 460-55458-10(30X) and 460-55458-10(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the dissolved metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL METALS
Samples 460-55458-1 and 460-55458-8 through 460-55458-10 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 05/06/2013 and analyzed on 05/07/2013 and 05/08/2013.

Iron and Sodium failed the recovery criteria low for the MS of sample 460-55458-8 in batch 460-159503. Magnesium and Potassium failed the recovery criteria high.

Refer to the QC report for details.

Samples 460-55458-8(30X), 460-55458-8(4X), 460-55458-9(30X), 460-55458-9(4X), 460-55458-10(30X) and 460-55458-10(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

DISSOLVED MERCURY

Samples 460-55458-8 through 460-55458-10 were analyzed for dissolved mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 05/06/2013.

No difficulties were encountered during the dissolved mercury analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-55458-1 and 460-55458-8 through 460-55458-10 were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 05/08/2013.

No difficulties were encountered during the Hg analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-55458-2 through 460-55458-7 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 05/06/2013.

Samples 460-55458-2(3X) and 460-55458-4(3X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Hg analyses.

All quality control parameters were within the acceptance limits.

ORGANOCHLORINE PESTICIDES

Sample 460-55458-3 was analyzed for organochlorine pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 05/06/2013 and analyzed on 05/15/2013.

No difficulties were encountered during the pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples 460-55458-2 through 460-55458-7 were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared on 05/06/2013 and analyzed on 05/06/2013 and 05/07/2013.

The continuing calibration verification (CCV) associated with batch 159589 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-55458-1 and 460-55458-8 through 460-55458-10 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 05/08/2013 and analyzed on 05/08/2013 and 05/09/2013.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria high for LCS 460-159589/2-A. Refer to the QC report for details.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-55458-2 through 460-55458-7 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 05/03/2013 and analyzed on 05/08/2013.

Acetone was detected in method blank LB3 460-158922/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank MB 460-159543/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

1,1,1-Trichloroethane, 2-Hexanone and Methyl Ethyl Ketone failed the recovery criteria high for LCS 460-159543/3.
cis-1,3-Dichloropropene failed the recovery criteria low for LCSD 460-159543/4. Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-55458-1 and 460-55458-9 through 460-55458-11 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/08/2013.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-55458-2 through 460-55458-7 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 05/06/2013 and analyzed on 05/10/2013.

Samples 460-55458-2(2X), 460-55458-6(5X) and 460-55458-7(2X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the semivolatiles analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-55458-1 and 460-55458-8 through 460-55458-10 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 05/06/2013 and 05/07/2013 and analyzed on 05/08/2013 and 05/09/2013.

Hexachlorocyclopentadiene failed the recovery criteria high for LCS 460-159336/2-A. Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples 460-55458-2 through 460-55458-7 were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 05/04/2013.

No difficulties were encountered during the %solids/moisture analyses.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55458-1FB	**FB-1**					
Methylene Chloride		1.6		1.0	ug/L	8260B
Chloroform		0.37	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55458-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55458-2	**B1 (4.5-6.0)**					
Acetone		4.7	J B	11	ug/Kg	8260B
Acenaphthene		930		790	ug/Kg	8270C
Anthracene		2000		790	ug/Kg	8270C
Benzo[a]anthracene		4200		79	ug/Kg	8270C
Benzo[a]pyrene		3600		79	ug/Kg	8270C
Benzo[b]fluoranthene		4200		79	ug/Kg	8270C
Benzo[g,h,i]perylene		1800		790	ug/Kg	8270C
Benzo[k]fluoranthene		1700		79	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		490	J	790	ug/Kg	8270C
Carbazole		490	J	790	ug/Kg	8270C
Chrysene		4900		790	ug/Kg	8270C
Dibenz(a,h)anthracene		540		79	ug/Kg	8270C
Dibenzofuran		390	J	790	ug/Kg	8270C
Fluoranthene		6400		790	ug/Kg	8270C
Fluorene		660	J	790	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		2100		79	ug/Kg	8270C
2-Methylnaphthalene		380	J	790	ug/Kg	8270C
Naphthalene		170	J	790	ug/Kg	8270C
Phenanthrene		10000		790	ug/Kg	8270C
Pyrene		12000		790	ug/Kg	8270C
Aluminum		6640		42.9	mg/Kg	6010B
Arsenic		15.7		1.1	mg/Kg	6010B
Barium		120		42.9	mg/Kg	6010B
Beryllium		0.42	J	0.43	mg/Kg	6010B
Cadmium		1.7		1.1	mg/Kg	6010B
Calcium		4820		1070	mg/Kg	6010B
Chromium		23.9		2.1	mg/Kg	6010B
Cobalt		8.6	J	10.7	mg/Kg	6010B
Copper		120		5.4	mg/Kg	6010B
Iron		18600		32.2	mg/Kg	6010B
Lead		428		1.1	mg/Kg	6010B
Magnesium		5500		1070	mg/Kg	6010B
Manganese		355		3.2	mg/Kg	6010B
Nickel		59.0		8.6	mg/Kg	6010B
Potassium		1590		1070	mg/Kg	6010B
Sodium		1240		1070	mg/Kg	6010B
Vanadium		50.8		10.7	mg/Kg	6010B
Zinc		567		6.4	mg/Kg	6010B
Mercury		1.2		0.059	mg/Kg	7471A
Percent Moisture		16.8		1.0	%	Moisture
Percent Solids		83.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55458-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55458-3	**B2 (5-7)**					
Acetone		6.4	J B	10	ug/Kg	8260B
Anthracene		140	J	370	ug/Kg	8270C
Benzo[a]anthracene		530		37	ug/Kg	8270C
Benzo[a]pyrene		520		37	ug/Kg	8270C
Benzo[b]fluoranthene		610		37	ug/Kg	8270C
Benzo[g,h,i]perylene		250	J	370	ug/Kg	8270C
Benzo[k]fluoranthene		210		37	ug/Kg	8270C
Carbazole		48	J	370	ug/Kg	8270C
Chrysene		550		370	ug/Kg	8270C
Dibenz(a,h)anthracene		52		37	ug/Kg	8270C
Fluoranthene		800		370	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		290		37	ug/Kg	8270C
Phenanthrene		680		370	ug/Kg	8270C
Pyrene		1500		370	ug/Kg	8270C
Aluminum		5600		38.3	mg/Kg	6010B
Arsenic		6.6		0.96	mg/Kg	6010B
Barium		65.6		38.3	mg/Kg	6010B
Beryllium		0.27	J	0.38	mg/Kg	6010B
Cadmium		0.44	J	0.96	mg/Kg	6010B
Calcium		4220		957	mg/Kg	6010B
Chromium		14.9		1.9	mg/Kg	6010B
Cobalt		9.5	J	9.6	mg/Kg	6010B
Copper		40.5		4.8	mg/Kg	6010B
Iron		14600		28.7	mg/Kg	6010B
Lead		157		0.96	mg/Kg	6010B
Magnesium		3310		957	mg/Kg	6010B
Manganese		240		2.9	mg/Kg	6010B
Nickel		38.9		7.7	mg/Kg	6010B
Potassium		1130		957	mg/Kg	6010B
Sodium		523	J	957	mg/Kg	6010B
Vanadium		20.1		9.6	mg/Kg	6010B
Zinc		278		5.7	mg/Kg	6010B
Mercury		0.48		0.018	mg/Kg	7471A
Percent Moisture		10.7		1.0	%	Moisture
Percent Solids		89.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55458-4	**B3 (4.5-6)**					
Acetone		4.2	J B	9.6	ug/Kg	8260B
Benzo[a]anthracene		110		38	ug/Kg	8270C
Benzo[a]pyrene		84		38	ug/Kg	8270C
Benzo[b]fluoranthene		140		38	ug/Kg	8270C
Benzo[g,h,i]perylene		45	J	380	ug/Kg	8270C
Benzo[k]fluoranthene		33	J	38	ug/Kg	8270C
Chrysene		96	J	380	ug/Kg	8270C
Fluoranthene		110	J	380	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		45		38	ug/Kg	8270C
Phenanthrene		67	J	380	ug/Kg	8270C
Pyrene		190	J	380	ug/Kg	8270C
Aluminum		1010		42.8	mg/Kg	6010B
Arsenic		2.5		1.1	mg/Kg	6010B
Barium		172		42.8	mg/Kg	6010B
Calcium		8960		1070	mg/Kg	6010B
Chromium		4.9		2.1	mg/Kg	6010B
Copper		12.6		5.3	mg/Kg	6010B
Iron		2300		32.1	mg/Kg	6010B
Lead		426		1.1	mg/Kg	6010B
Magnesium		501	J	1070	mg/Kg	6010B
Manganese		17.8		3.2	mg/Kg	6010B
Nickel		5.7	J	8.6	mg/Kg	6010B
Potassium		434	J	1070	mg/Kg	6010B
Silver		0.40	J	2.1	mg/Kg	6010B
Sodium		1610		1070	mg/Kg	6010B
Vanadium		21.2		10.7	mg/Kg	6010B
Zinc		12.1		6.4	mg/Kg	6010B
Mercury		1.3		0.057	mg/Kg	7471A
Percent Moisture		14.2		1.0	%	Moisture
Percent Solids		85.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55458-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55458-5	**B4 (5-6.5)**					
Acenaphthene		84	J	380	ug/Kg	8270C
Anthracene		190	J	380	ug/Kg	8270C
Benzo[a]anthracene		660		38	ug/Kg	8270C
Benzo[a]pyrene		620		38	ug/Kg	8270C
Benzo[b]fluoranthene		750		38	ug/Kg	8270C
Benzo[g,h,i]perylene		280	J	380	ug/Kg	8270C
Benzo[k]fluoranthene		240		38	ug/Kg	8270C
Carbazole		74	J	380	ug/Kg	8270C
Chrysene		720		380	ug/Kg	8270C
Dibenz(a,h)anthracene		79		38	ug/Kg	8270C
Dibenzofuran		62	J	380	ug/Kg	8270C
Fluoranthene		910		380	ug/Kg	8270C
Fluorene		55	J	380	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		320		38	ug/Kg	8270C
Naphthalene		45	J	380	ug/Kg	8270C
Phenanthrene		860		380	ug/Kg	8270C
Pyrene		1900		380	ug/Kg	8270C
Aluminum		6310		43.1	mg/Kg	6010B
Arsenic		48.1		1.1	mg/Kg	6010B
Barium		69.6		43.1	mg/Kg	6010B
Beryllium		0.37	J	0.43	mg/Kg	6010B
Calcium		1540		1080	mg/Kg	6010B
Chromium		15.8		2.2	mg/Kg	6010B
Cobalt		6.0	J	10.8	mg/Kg	6010B
Copper		42.7		5.4	mg/Kg	6010B
Iron		19100		32.3	mg/Kg	6010B
Lead		267		1.1	mg/Kg	6010B
Magnesium		2090		1080	mg/Kg	6010B
Manganese		242		3.2	mg/Kg	6010B
Nickel		11.3		8.6	mg/Kg	6010B
Potassium		1340		1080	mg/Kg	6010B
Sodium		575	J	1080	mg/Kg	6010B
Vanadium		24.8		10.8	mg/Kg	6010B
Zinc		46.2		6.5	mg/Kg	6010B
Mercury		0.33		0.019	mg/Kg	7471A
Percent Moisture		14.1		1.0	%	Moisture
Percent Solids		85.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55458-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55458-6	**B5 (5-6.5)**					
Acetone		13	J B	14	ug/Kg	8260B
Acenaphthene		350	J	1900	ug/Kg	8270C
Acenaphthylene		890	J	1900	ug/Kg	8270C
Anthracene		1400	J	1900	ug/Kg	8270C
Benzo[a]anthracene		4400		190	ug/Kg	8270C
Benzo[a]pyrene		5000		190	ug/Kg	8270C
Benzo[b]fluoranthene		7000		190	ug/Kg	8270C
Benzo[g,h,i]perylene		1200	J	1900	ug/Kg	8270C
Benzo[k]fluoranthene		2000		190	ug/Kg	8270C
Carbazole		370	J	1900	ug/Kg	8270C
Chrysene		5600		1900	ug/Kg	8270C
Dibenz(a,h)anthracene		610		190	ug/Kg	8270C
Dibenzofuran		310	J	1900	ug/Kg	8270C
Fluoranthene		4100		1900	ug/Kg	8270C
Fluorene		370	J	1900	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1500		190	ug/Kg	8270C
2-Methylnaphthalene		380	J	1900	ug/Kg	8270C
Naphthalene		270	J	1900	ug/Kg	8270C
Phenanthrene		4700		1900	ug/Kg	8270C
Pyrene		5600		1900	ug/Kg	8270C
Aluminum		3690		42.3	mg/Kg	6010B
Arsenic		10.8		1.1	mg/Kg	6010B
Barium		107		42.3	mg/Kg	6010B
Beryllium		0.31	J	0.42	mg/Kg	6010B
Cadmium		0.25	J	1.1	mg/Kg	6010B
Calcium		43300		1060	mg/Kg	6010B
Chromium		22.9		2.1	mg/Kg	6010B
Cobalt		5.0	J	10.6	mg/Kg	6010B
Copper		992		5.3	mg/Kg	6010B
Iron		11700		31.7	mg/Kg	6010B
Lead		288		1.1	mg/Kg	6010B
Magnesium		19400		1060	mg/Kg	6010B
Manganese		156		3.2	mg/Kg	6010B
Nickel		28.4		8.5	mg/Kg	6010B
Potassium		669	J	1060	mg/Kg	6010B
Sodium		883	J	1060	mg/Kg	6010B
Vanadium		17.9		10.6	mg/Kg	6010B
Zinc		185		6.3	mg/Kg	6010B
Mercury		0.48		0.018	mg/Kg	7471A
Percent Moisture		11.6		1.0	%	Moisture
Percent Solids		88.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55458-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55458-7	**B6 (5-6.5)**					
Acetone		16	B	15	ug/Kg	8260B
Acenaphthene		270	J	790	ug/Kg	8270C
Acenaphthylene		160	J	790	ug/Kg	8270C
Anthracene		870		790	ug/Kg	8270C
Benzo[a]anthracene		3000		79	ug/Kg	8270C
Benzo[a]pyrene		3000		79	ug/Kg	8270C
Benzo[b]fluoranthene		2800		79	ug/Kg	8270C
Benzo[g,h,i]perylene		1500		790	ug/Kg	8270C
Benzo[k]fluoranthene		1000		79	ug/Kg	8270C
Carbazole		350	J	790	ug/Kg	8270C
Chrysene		4500		790	ug/Kg	8270C
Dibenz(a,h)anthracene		560		79	ug/Kg	8270C
Dibenzofuran		210	J	790	ug/Kg	8270C
Fluoranthene		3600		790	ug/Kg	8270C
Fluorene		210	J	790	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1100		79	ug/Kg	8270C
2-Methylnaphthalene		610	J	790	ug/Kg	8270C
Naphthalene		390	J	790	ug/Kg	8270C
Phenanthrene		5100		790	ug/Kg	8270C
Pyrene		5200		790	ug/Kg	8270C
Aluminum		5000		46.0	mg/Kg	6010B
Arsenic		22.8		1.1	mg/Kg	6010B
Barium		265		46.0	mg/Kg	6010B
Beryllium		0.39	J	0.46	mg/Kg	6010B
Cadmium		0.54	J	1.1	mg/Kg	6010B
Calcium		7720		1150	mg/Kg	6010B
Chromium		17.5		2.3	mg/Kg	6010B
Cobalt		7.7	J	11.5	mg/Kg	6010B
Copper		116		5.7	mg/Kg	6010B
Iron		33300		34.5	mg/Kg	6010B
Lead		645		1.1	mg/Kg	6010B
Magnesium		1690		1150	mg/Kg	6010B
Manganese		210		3.4	mg/Kg	6010B
Nickel		20.2		9.2	mg/Kg	6010B
Potassium		646	J	1150	mg/Kg	6010B
Sodium		392	J	1150	mg/Kg	6010B
Vanadium		17.5		11.5	mg/Kg	6010B
Zinc		475		6.9	mg/Kg	6010B
Mercury		0.85		0.020	mg/Kg	7471A
Percent Moisture		17.1		1.0	%	Moisture
Percent Solids		82.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55458-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55458-8	**B7 (GW)**					
Aluminum		685	J	800	ug/L	6010B
Barium		51.4	J	800	ug/L	6010B
Calcium		260000		20000	ug/L	6010B
Iron		1080		600	ug/L	6010B
Lead		28.9		20.0	ug/L	6010B
Magnesium		768000		20000	ug/L	6010B
Manganese		38.5	J	60.0	ug/L	6010B
Potassium		238000		20000	ug/L	6010B
Sodium		6150000		150000	ug/L	6010B
Dissolved						
Barium		40.6	J	800	ug/L	6010B
Calcium		272000		20000	ug/L	6010B
Potassium		272000		20000	ug/L	6010B
Magnesium		815000		20000	ug/L	6010B
Sodium		5890000		150000	ug/L	6010B
460-55458-9	**B2 (GW)**					
Chloroform		0.18	J	1.0	ug/L	8260B
Aluminum		11200		800	ug/L	6010B
Arsenic		16.0	J	20.0	ug/L	6010B
Barium		103	J	800	ug/L	6010B
Calcium		249000		20000	ug/L	6010B
Chromium		27.5	J	40.0	ug/L	6010B
Copper		61.1	J	100	ug/L	6010B
Iron		14900		600	ug/L	6010B
Lead		188		20.0	ug/L	6010B
Magnesium		653000		20000	ug/L	6010B
Manganese		1230		60.0	ug/L	6010B
Nickel		40.6	J	160	ug/L	6010B
Potassium		212000		20000	ug/L	6010B
Sodium		4870000		150000	ug/L	6010B
Vanadium		32.6	J	200	ug/L	6010B
Zinc		313		120	ug/L	6010B
Mercury		0.79		0.20	ug/L	7470A
Dissolved						
Barium		45.0	J	800	ug/L	6010B
Calcium		251000		20000	ug/L	6010B
Potassium		214000		20000	ug/L	6010B
Magnesium		645000		20000	ug/L	6010B
Sodium		4930000		150000	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Henningson, Durham & Richardson Job Number: 460-55458-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-55458-10	**B5 (GW)**					
Chloroform		0.21	J	1.0	ug/L	8260B
Aluminum		1150		800	ug/L	6010B
Barium		49.9	J	800	ug/L	6010B
Calcium		254000		20000	ug/L	6010B
Iron		2100		600	ug/L	6010B
Lead		66.8		20.0	ug/L	6010B
Magnesium		764000		20000	ug/L	6010B
Manganese		69.5		60.0	ug/L	6010B
Potassium		255000		20000	ug/L	6010B
Sodium		5830000		150000	ug/L	6010B
Zinc		43.6	J	120	ug/L	6010B
Mercury		0.25		0.20	ug/L	7470A
Dissolved						
Barium		40.7	J	800	ug/L	6010B
Calcium		272000		20000	ug/L	6010B
Potassium		265000		20000	ug/L	6010B
Magnesium		815000		20000	ug/L	6010B
Sodium		6090000		150000	ug/L	6010B
460-55458-11TB	**TRIP BLANK**					
Methylene Chloride		1.6		1.0	ug/L	8260B
Chloroform		0.30	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081A	
Microwave Extraction	TAL EDI		SW846 3546
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Microwave Extraction	TAL EDI		SW846 3546
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury (CVAA)	TAL EDI	SW846 7471A	
Preparation, Mercury	TAL EDI		SW846 7471A
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Sample Filtration	TAL EDI		FILTRATION
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Sample Filtration	TAL EDI		FILTRATION

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Shalayda, Monica	MS
SW846 8081A	Manlangit, Ferdie	FM
SW846 8082	Boykin, Carol B	CBB
SW846 6010B	Chang, Churn Der	CDC
SW846 7470A	Sheikh, Razia B	RBS
SW846 7470A	Staib, Thomas	TS
SW846 7471A	Patel, Purva H	PHP
EPA Moisture	Martinez, Victor	VM

SAMPLE SUMMARY

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-55458-1FB	FB-1	Water	05/03/2013 0700	05/03/2013 1700
460-55458-2	B1 (4.5-6.0)	Solid	05/03/2013 0830	05/03/2013 1700
460-55458-3	B2 (5-7)	Solid	05/03/2013 0945	05/03/2013 1700
460-55458-4	B3 (4.5-6)	Solid	05/03/2013 1000	05/03/2013 1700
460-55458-5	B4 (5-6.5)	Solid	05/03/2013 1045	05/03/2013 1700
460-55458-6	B5 (5-6.5)	Solid	05/03/2013 1135	05/03/2013 1700
460-55458-7	B6 (5-6.5)	Solid	05/03/2013 1200	05/03/2013 1700
460-55458-8	B7 (GW)	Water	05/03/2013 1330	05/03/2013 1700
460-55458-9	B2 (GW)	Water	05/03/2013 1400	05/03/2013 1700
460-55458-10	B5 (GW)	Water	05/03/2013 1300	05/03/2013 1700
460-55458-11TB	Trip Blank	Water	05/03/2013 1410	05/03/2013 1700

SAMPLE RESULTS

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55458-1FB
Client Matrix: Water

Date Sampled: 05/03/2013 0700
Date Received: 05/03/2013 1700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159503	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r02087.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/08/2013 0314			Final Weight/Volume:	5 mL
Prep Date:	05/08/2013 0314				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.6		0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.37	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	93		70 - 130

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B1 (4.5-6.0)**

Lab Sample ID: 460-55458-2 | Date Sampled: 05/03/2013 0830
Client Matrix: Solid | % Moisture: 16.8 | Date Received: 05/03/2013 1700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159543	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-158922	Lab File ID:	d32624.d
Dilution:	1.0			Initial Weight/Volume:	5.31 g
Analysis Date:	05/08/2013 1424			Final Weight/Volume:	5 mL
Prep Date:	05/03/2013 2257				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		4.7	J B	1.9	11
Benzene		1.1	U	0.17	1.1
Bromodichloromethane		1.1	U	0.36	1.1
Bromoform		1.1	U	0.19	1.1
Bromomethane		1.1	U	0.49	1.1
Carbon disulfide		1.1	U	0.17	1.1
Carbon tetrachloride		1.1	U	0.17	1.1
Chlorobenzene		1.1	U	0.20	1.1
Chloroethane		1.1	U	0.37	1.1
Chloroform		1.1	U	0.27	1.1
Chloromethane		1.1	U	0.18	1.1
cis-1,2-Dichloroethene		1.1	U	0.12	1.1
cis-1,3-Dichloropropene		1.1	U *	0.16	1.1
Dibromochloromethane		1.1	U	0.11	1.1
1,1-Dichloroethane		1.1	U	0.12	1.1
1,2-Dichloroethane		1.1	U	0.20	1.1
1,1-Dichloroethene		1.1	U	0.21	1.1
1,2-Dichloropropane		1.1	U	0.17	1.1
Ethylbenzene		1.1	U	0.19	1.1
2-Hexanone		11	U *	0.15	11
Methylene Chloride		1.1	U	0.17	1.1
Methyl Ethyl Ketone		11	U *	0.71	11
1,2-Dichloroethene, Total		2.3	U	0.23	2.3
Methyl isobutyl ketone (MIBK)		11	U	0.23	11
Styrene		1.1	U	0.32	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.10	1.1
Tetrachloroethene		1.1	U	0.14	1.1
Toluene		1.1	U	0.16	1.1
trans-1,2-Dichloroethene		1.1	U	0.15	1.1
trans-1,3-Dichloropropene		1.1	U	0.11	1.1
1,1,1-Trichloroethane		1.1	U *	0.15	1.1
1,1,2-Trichloroethane		1.1	U	0.16	1.1
Trichloroethene		1.1	U	0.14	1.1
Vinyl chloride		1.1	U	0.38	1.1
Xylenes, Total		3.4	U	0.76	3.4

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	83		70 - 130
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	83		70 - 130

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B2 (5-7)**

Lab Sample ID: 460-55458-3 | Date Sampled: 05/03/2013 0945
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 05/03/2013 1700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159543	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-158922	Lab File ID:	d32625.d
Dilution:	1.0			Initial Weight/Volume:	5.34 g
Analysis Date:	05/08/2013 1448			Final Weight/Volume:	5 mL
Prep Date:	05/03/2013 2258				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		6.4	J B	1.8	10
Benzene		1.0	U	0.16	1.0
Bromodichloromethane		1.0	U	0.34	1.0
Bromoform		1.0	U	0.18	1.0
Bromomethane		1.0	U	0.45	1.0
Carbon disulfide		1.0	U	0.16	1.0
Carbon tetrachloride		1.0	U	0.16	1.0
Chlorobenzene		1.0	U	0.19	1.0
Chloroethane		1.0	U	0.35	1.0
Chloroform		1.0	U	0.25	1.0
Chloromethane		1.0	U	0.17	1.0
cis-1,2-Dichloroethene		1.0	U	0.12	1.0
cis-1,3-Dichloropropene		1.0	U *	0.15	1.0
Dibromochloromethane		1.0	U	0.10	1.0
1,1-Dichloroethane		1.0	U	0.12	1.0
1,2-Dichloroethane		1.0	U	0.19	1.0
1,1-Dichloroethene		1.0	U	0.20	1.0
1,2-Dichloropropane		1.0	U	0.16	1.0
Ethylbenzene		1.0	U	0.18	1.0
2-Hexanone		10	U *	0.14	10
Methylene Chloride		1.0	U	0.16	1.0
Methyl Ethyl Ketone		10	U *	0.66	10
1,2-Dichloroethene, Total		2.1	U	0.21	2.1
Methyl isobutyl ketone (MIBK)		10	U	0.21	10
Styrene		1.0	U	0.29	1.0
1,1,2,2-Tetrachloroethane		1.0	U	0.094	1.0
Tetrachloroethene		1.0	U	0.13	1.0
Toluene		1.0	U	0.15	1.0
trans-1,2-Dichloroethene		1.0	U	0.14	1.0
trans-1,3-Dichloropropene		1.0	U	0.10	1.0
1,1,1-Trichloroethane		1.0	U *	0.14	1.0
1,1,2-Trichloroethane		1.0	U	0.15	1.0
Trichloroethene		1.0	U	0.13	1.0
Vinyl chloride		1.0	U	0.36	1.0
Xylenes, Total		3.1	U	0.70	3.1

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	92		70 - 130
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
Toluene-d8 (Surr)	93		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B3 (4.5-6)**

Lab Sample ID: 460-55458-4

Client Matrix: Solid

% Moisture: 14.2

Date Sampled: 05/03/2013 1000

Date Received: 05/03/2013 1700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159543	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-158922	Lab File ID:	d32626.d
Dilution:	1.0			Initial Weight/Volume:	6.04 g
Analysis Date:	05/08/2013 1511			Final Weight/Volume:	5 mL
Prep Date:	05/03/2013 2259				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		4.2	J B	1.6	9.6
Benzene		0.96	U	0.14	0.96
Bromodichloromethane		0.96	U	0.31	0.96
Bromoform		0.96	U	0.16	0.96
Bromomethane		0.96	U	0.41	0.96
Carbon disulfide		0.96	U	0.14	0.96
Carbon tetrachloride		0.96	U	0.14	0.96
Chlorobenzene		0.96	U	0.17	0.96
Chloroethane		0.96	U	0.32	0.96
Chloroform		0.96	U	0.23	0.96
Chloromethane		0.96	U	0.15	0.96
cis-1,2-Dichloroethene		0.96	U	0.11	0.96
cis-1,3-Dichloropropene		0.96	U *	0.14	0.96
Dibromochloromethane		0.96	U	0.096	0.96
1,1-Dichloroethane		0.96	U	0.11	0.96
1,2-Dichloroethane		0.96	U	0.17	0.96
1,1-Dichloroethene		0.96	U	0.18	0.96
1,2-Dichloropropane		0.96	U	0.14	0.96
Ethylbenzene		0.96	U	0.16	0.96
2-Hexanone		9.6	U *	0.13	9.6
Methylene Chloride		0.96	U	0.14	0.96
Methyl Ethyl Ketone		9.6	U *	0.61	9.6
1,2-Dichloroethene, Total		1.9	U	0.19	1.9
Methyl isobutyl ketone (MIBK)		9.6	U	0.19	9.6
Styrene		0.96	U	0.27	0.96
1,1,2,2-Tetrachloroethane		0.96	U	0.087	0.96
Tetrachloroethene		0.96	U	0.12	0.96
Toluene		0.96	U	0.14	0.96
trans-1,2-Dichloroethene		0.96	U	0.13	0.96
trans-1,3-Dichloropropene		0.96	U	0.096	0.96
1,1,1-Trichloroethane		0.96	U *	0.13	0.96
1,1,2-Trichloroethane		0.96	U	0.14	0.96
Trichloroethene		0.96	U	0.12	0.96
Vinyl chloride		0.96	U	0.33	0.96
Xylenes, Total		2.9	U	0.65	2.9

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	88		70 - 130
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
Toluene-d8 (Surr)	87		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B4 (5-6.5)**

Lab Sample ID: 460-55458-5

Client Matrix: Solid

% Moisture: 14.1

Date Sampled: 05/03/2013 1045

Date Received: 05/03/2013 1700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159543	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-158922	Lab File ID:	d32627.d
Dilution:	1.0			Initial Weight/Volume:	5.39 g
Analysis Date:	05/08/2013 1535			Final Weight/Volume:	5 mL
Prep Date:	05/03/2013 2300				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		11	U	1.8	11
Benzene		1.1	U	0.16	1.1
Bromodichloromethane		1.1	U	0.35	1.1
Bromoform		1.1	U	0.18	1.1
Bromomethane		1.1	U	0.46	1.1
Carbon disulfide		1.1	U	0.16	1.1
Carbon tetrachloride		1.1	U	0.16	1.1
Chlorobenzene		1.1	U	0.19	1.1
Chloroethane		1.1	U	0.36	1.1
Chloroform		1.1	U	0.26	1.1
Chloromethane		1.1	U	0.17	1.1
cis-1,2-Dichloroethene		1.1	U	0.12	1.1
cis-1,3-Dichloropropene		1.1	U *	0.15	1.1
Dibromochloromethane		1.1	U	0.11	1.1
1,1-Dichloroethane		1.1	U	0.12	1.1
1,2-Dichloroethane		1.1	U	0.19	1.1
1,1-Dichloroethene		1.1	U	0.21	1.1
1,2-Dichloropropane		1.1	U	0.16	1.1
Ethylbenzene		1.1	U	0.18	1.1
2-Hexanone		11	U *	0.14	11
Methylene Chloride		1.1	U	0.16	1.1
Methyl Ethyl Ketone		11	U *	0.68	11
1,2-Dichloroethene, Total		2.2	U	0.22	2.2
Methyl isobutyl ketone (MIBK)		11	U	0.22	11
Styrene		1.1	U	0.30	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.097	1.1
Tetrachloroethene		1.1	U	0.13	1.1
Toluene		1.1	U	0.15	1.1
trans-1,2-Dichloroethene		1.1	U	0.14	1.1
trans-1,3-Dichloropropene		1.1	U	0.11	1.1
1,1,1-Trichloroethane		1.1	U *	0.14	1.1
1,1,2-Trichloroethane		1.1	U	0.15	1.1
Trichloroethene		1.1	U	0.13	1.1
Vinyl chloride		1.1	U	0.37	1.1
Xylenes, Total		3.2	U	0.72	3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	88		70 - 130
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	85		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B5 (5-6.5)**

Lab Sample ID: 460-55458-6
Client Matrix: Solid
% Moisture: 11.6
Date Sampled: 05/03/2013 1135
Date Received: 05/03/2013 1700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159543	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-158922	Lab File ID:	d32628.d
Dilution:	1.0			Initial Weight/Volume:	4.00 g
Analysis Date:	05/08/2013 1559			Final Weight/Volume:	5 mL
Prep Date:	05/03/2013 2301				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		13	J B	2.4	14
Benzene		1.4	U	0.21	1.4
Bromodichloromethane		1.4	U	0.45	1.4
Bromoform		1.4	U	0.24	1.4
Bromomethane		1.4	U	0.61	1.4
Carbon disulfide		1.4	U	0.21	1.4
Carbon tetrachloride		1.4	U	0.21	1.4
Chlorobenzene		1.4	U	0.25	1.4
Chloroethane		1.4	U	0.47	1.4
Chloroform		1.4	U	0.34	1.4
Chloromethane		1.4	U	0.23	1.4
cis-1,2-Dichloroethene		1.4	U	0.16	1.4
cis-1,3-Dichloropropene		1.4	U *	0.20	1.4
Dibromochloromethane		1.4	U	0.14	1.4
1,1-Dichloroethane		1.4	U	0.16	1.4
1,2-Dichloroethane		1.4	U	0.25	1.4
1,1-Dichloroethene		1.4	U	0.27	1.4
1,2-Dichloropropane		1.4	U	0.21	1.4
Ethylbenzene		1.4	U	0.24	1.4
2-Hexanone		14	U *	0.18	14
Methylene Chloride		1.4	U	0.21	1.4
Methyl Ethyl Ketone		14	U *	0.89	14
1,2-Dichloroethene, Total		2.8	U	0.28	2.8
Methyl isobutyl ketone (MIBK)		14	U	0.28	14
Styrene		1.4	U	0.40	1.4
1,1,2,2-Tetrachloroethane		1.4	U	0.13	1.4
Tetrachloroethene		1.4	U	0.17	1.4
Toluene		1.4	U	0.20	1.4
trans-1,2-Dichloroethene		1.4	U	0.18	1.4
trans-1,3-Dichloropropene		1.4	U	0.14	1.4
1,1,1-Trichloroethane		1.4	U *	0.18	1.4
1,1,2-Trichloroethane		1.4	U	0.20	1.4
Trichloroethene		1.4	U	0.17	1.4
Vinyl chloride		1.4	U	0.48	1.4
Xylenes, Total		4.2	U	0.95	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	107		70 - 130
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B6 (5-6.5)**

Lab Sample ID: 460-55458-7 | Date Sampled: 05/03/2013 1200
Client Matrix: Solid | % Moisture: 17.1 | Date Received: 05/03/2013 1700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159543	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-158922	Lab File ID:	d32629.d
Dilution:	1.0			Initial Weight/Volume:	3.95 g
Analysis Date:	05/08/2013 1623			Final Weight/Volume:	5 mL
Prep Date:	05/03/2013 2302				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		16	B	2.6	15
Benzene		1.5	U	0.23	1.5
Bromodichloromethane		1.5	U	0.49	1.5
Bromoform		1.5	U	0.26	1.5
Bromomethane		1.5	U	0.66	1.5
Carbon disulfide		1.5	U	0.23	1.5
Carbon tetrachloride		1.5	U	0.23	1.5
Chlorobenzene		1.5	U	0.27	1.5
Chloroethane		1.5	U	0.50	1.5
Chloroform		1.5	U	0.37	1.5
Chloromethane		1.5	U	0.24	1.5
cis-1,2-Dichloroethene		1.5	U	0.17	1.5
cis-1,3-Dichloropropene		1.5	U *	0.21	1.5
Dibromochloromethane		1.5	U	0.15	1.5
1,1-Dichloroethane		1.5	U	0.17	1.5
1,2-Dichloroethane		1.5	U	0.27	1.5
1,1-Dichloroethene		1.5	U	0.29	1.5
1,2-Dichloropropane		1.5	U	0.23	1.5
Ethylbenzene		1.5	U	0.26	1.5
2-Hexanone		15	U *	0.20	15
Methylene Chloride		1.5	U	0.23	1.5
Methyl Ethyl Ketone		15	U *	0.96	15
1,2-Dichloroethene, Total		3.1	U	0.31	3.1
Methyl isobutyl ketone (MIBK)		15	U	0.31	15
Styrene		1.5	U	0.43	1.5
1,1,2,2-Tetrachloroethane		1.5	U	0.14	1.5
Tetrachloroethene		1.5	U	0.18	1.5
Toluene		1.5	U	0.21	1.5
trans-1,2-Dichloroethene		1.5	U	0.20	1.5
trans-1,3-Dichloropropene		1.5	U	0.15	1.5
1,1,1-Trichloroethane		1.5	U *	0.20	1.5
1,1,2-Trichloroethane		1.5	U	0.21	1.5
Trichloroethene		1.5	U	0.18	1.5
Vinyl chloride		1.5	U	0.52	1.5
Xylenes, Total		4.6	U	1.0	4.6

Surrogate	%Rec	Qualifier	Acceptance Limits
Bromofluorobenzene	118		70 - 130
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B2 (GW)**

Lab Sample ID: 460-55458-9
Client Matrix: Water

Date Sampled: 05/03/2013 1400
Date Received: 05/03/2013 1700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159503	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r02097.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/08/2013 0731			Final Weight/Volume:	5 mL
Prep Date:	05/08/2013 0731				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.18	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,2-Dichloroethene, Total	2.0	U	0.29	2.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	92		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B5 (GW)**

Lab Sample ID: 460-55458-10
Client Matrix: Water

Date Sampled: 05/03/2013 1300
Date Received: 05/03/2013 1700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159503	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r02096.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/08/2013 0706			Final Weight/Volume:	5 mL
Prep Date:	05/08/2013 0706				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.21	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,2-Dichloroethene, Total	2.0	U	0.29	2.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	89		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-55458-11TB
Client Matrix: Water

Date Sampled: 05/03/2013 1410
Date Received: 05/03/2013 1700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-159503	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r02088.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/08/2013 0340			Final Weight/Volume:	5 mL
Prep Date:	05/08/2013 0340				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.6		0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.30	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	93		70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55458-1FB
Client Matrix: Water

Date Sampled: 05/03/2013 0700
Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159874	Instrument ID:	BNAMS6
Prep Method:	3510C	Prep Batch:	460-159128	Lab File ID:	m64697.d
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	05/08/2013 0857			Final Weight/Volume:	2 mL
Prep Date:	05/06/2013 1054			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.60	10
2-Chlorophenol	10	U	0.93	10
2-Methylphenol	10	U	1.4	10
4-Methylphenol	10	U	1.0	10
2-Nitrophenol	10	U	0.68	10
2,4-Dimethylphenol	10	U	1.2	10
2,4-Dichlorophenol	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
2,4,6-Trichlorophenol	10	U	1.4	10
2,4,5-Trichlorophenol	10	U	2.2	10
2,4-Dinitrophenol	30	U	2.0	30
4-Nitrophenol	30	U	2.0	30
4,6-Dinitro-2-methylphenol	30	U	3.0	30
Pentachlorophenol	30	U	2.7	30
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
1,3-Dichlorobenzene	10	U	1.6	10
1,4-Dichlorobenzene	10	U	1.9	10
1,2-Dichlorobenzene	10	U	1.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Hexachloroethane	1.0	U	0.15	1.0
Nitrobenzene	1.0	U	0.34	1.0
Isophorone	10	U	1.3	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
1,2,4-Trichlorobenzene	1.0	U	0.19	1.0
Naphthalene	10	U	2.0	10
4-Chloroaniline	10	U	1.3	10
Hexachlorobutadiene	2.0	U	0.68	2.0
2-Methylnaphthalene	10	U	1.5	10
Hexachlorocyclopentadiene	10	U	1.5	10
2-Chloronaphthalene	10	U	1.3	10
2-Nitroaniline	20	U	2.0	20
Dimethyl phthalate	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
2,6-Dinitrotoluene	2.0	U	0.27	2.0
3-Nitroaniline	20	U	2.9	20
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
4-Nitroaniline	20	U	2.9	20
N-Nitrosodiphenylamine	10	U	1.0	10
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorobenzene	1.0	U	0.20	1.0
Phenanthrene	10	U	1.2	10

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55458-1FB
Client Matrix: Water

Date Sampled: 05/03/2013 0700
Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159874	Instrument ID:	BNAMS6
Prep Method:	3510C	Prep Batch:	460-159128	Lab File ID:	m64697.d
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	05/08/2013 0857			Final Weight/Volume:	2 mL
Prep Date:	05/06/2013 1054			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Anthracene	10	U	0.85	10
Carbazole	10	U	1.2	10
Di-n-butyl phthalate	10	U	1.0	10
Fluoranthene	10	U	1.1	10
Pyrene	10	U	1.1	10
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	20	U	3.2	20
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	10	U	1.4	10
Bis(2-ethylhexyl) phthalate	10	U	0.81	10
Di-n-octyl phthalate	10	U	0.88	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	0.93	10
Benzyl alcohol	10	U	1.1	10
2,2'-oxybis[1-chloropropane]	10	U	1.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	87		60 - 114
Phenol-d5	31		4 - 86
Terphenyl-d14	103		72 - 130
2,4,6-Tribromophenol	95		51 - 126
2-Fluorophenol	48		15 - 96
2-Fluorobiphenyl	91		50 - 120

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B1 (4.5-6.0)**

Lab Sample ID: 460-55458-2 | Date Sampled: 05/03/2013 0830
Client Matrix: Solid | % Moisture: 16.8 | Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160167	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87169.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	05/10/2013 1337			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		930		120	790
Acenaphthylene		790	U	94	790
Anthracene		2000		96	790
Benzo[a]anthracene		4200		5.5	79
Benzo[a]pyrene		3600		5.6	79
Benzo[b]fluoranthene		4200		5.0	79
Benzo[g,h,i]perylene		1800		59	790
Benzo[k]fluoranthene		1700		6.0	79
Benzyl alcohol		790	U	120	790
Bis(2-chloroethoxy)methane		790	U	100	790
Bis(2-chloroethyl)ether		79	U	11	79
Bis(2-ethylhexyl) phthalate		490	J	260	790
4-Bromophenyl phenyl ether		790	U	79	790
Butyl benzyl phthalate		790	U	73	790
Carbazole		490	J	94	790
4-Chloroaniline		790	U	210	790
4-Chloro-3-methylphenol		790	U	120	790
2-Chloronaphthalene		790	U	89	790
2-Chlorophenol		790	U	100	790
4-Chlorophenyl phenyl ether		790	U	93	790
Chrysene		4900		93	790
Dibenz(a,h)anthracene		540		10	79
Dibenzofuran		390	J	93	790
1,2-Dichlorobenzene		790	U	92	790
1,3-Dichlorobenzene		790	U	72	790
1,4-Dichlorobenzene		790	U	89	790
3,3'-Dichlorobenzidine		1600	U	280	1600
2,4-Dichlorophenol		790	U	120	790
Diethyl phthalate		790	U	95	790
2,4-Dimethylphenol		790	U	200	790
Dimethyl phthalate		790	U	94	790
Di-n-butyl phthalate		790	U	98	790
4,6-Dinitro-2-methylphenol		2400	U	220	2400
2,4-Dinitrophenol		2400	U	450	2400
2,4-Dinitrotoluene		160	U	26	160
2,6-Dinitrotoluene		160	U	24	160
Di-n-octyl phthalate		790	U	51	790
Fluoranthene		6400		110	790
Fluorene		660	J	100	790
Hexachlorobenzene		79	U	11	79
Hexachlorobutadiene		160	U	19	160
Hexachlorocyclopentadiene		790	U	93	790
Hexachloroethane		79	U	8.8	79
Indeno[1,2,3-cd]pyrene		2100		15	79
Isophorone		790	U	96	790
2-Methylnaphthalene		380	J	100	790

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B1 (4.5-6.0)**

Lab Sample ID: 460-55458-2 | Date Sampled: 05/03/2013 0830
Client Matrix: Solid | % Moisture: 16.8 | Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160167	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87169.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	05/10/2013 1337			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		790	U	140	790
4-Methylphenol		790	U	160	790
Naphthalene		170	J	92	790
2-Nitroaniline		1600	U	330	1600
3-Nitroaniline		1600	U	280	1600
4-Nitroaniline		1600	U	250	1600
Nitrobenzene		79	U	11	79
2-Nitrophenol		790	U	89	790
4-Nitrophenol		2400	U	510	2400
N-Nitrosodi-n-propylamine		79	U	13	79
N-Nitrosodiphenylamine		790	U	78	790
2,2'-oxybis[1-chloropropane]		790	U	88	790
Pentachlorophenol		2400	U	240	2400
Phenanthrene		10000		100	790
Phenol		790	U	110	790
Pyrene		12000		66	790
1,2,4-Trichlorobenzene		79	U	9.0	79
2,4,5-Trichlorophenol		790	U	100	790
2,4,6-Trichlorophenol		790	U	93	790

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	84		40 - 109
2-Fluorophenol	76		37 - 125
Nitrobenzene-d5	73		38 - 105
Phenol-d5	81		41 - 118
Terphenyl-d14	88		16 - 151
2,4,6-Tribromophenol	62		10 - 120

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B2 (5-7)**

Lab Sample ID: 460-55458-3 | Date Sampled: 05/03/2013 0945
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160167	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87167.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	05/10/2013 1242			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		370	U	54	370
Acenaphthylene		370	U	44	370
Anthracene		140	J	45	370
Benzo[a]anthracene		530		2.6	37
Benzo[a]pyrene		520		2.6	37
Benzo[b]fluoranthene		610		2.3	37
Benzo[g,h,i]perylene		250	J	27	370
Benzo[k]fluoranthene		210		2.8	37
Benzyl alcohol		370	U	54	370
Bis(2-chloroethoxy)methane		370	U	48	370
Bis(2-chloroethyl)ether		37	U	5.0	37
Bis(2-ethylhexyl) phthalate		370	U	120	370
4-Bromophenyl phenyl ether		370	U	37	370
Butyl benzyl phthalate		370	U	34	370
Carbazole		48	J	44	370
4-Chloroaniline		370	U	98	370
4-Chloro-3-methylphenol		370	U	56	370
2-Chloronaphthalene		370	U	41	370
2-Chlorophenol		370	U	49	370
4-Chlorophenyl phenyl ether		370	U	43	370
Chrysene		550		43	370
Dibenz(a,h)anthracene		52		4.7	37
Dibenzofuran		370	U	43	370
1,2-Dichlorobenzene		370	U	43	370
1,3-Dichlorobenzene		370	U	33	370
1,4-Dichlorobenzene		370	U	42	370
3,3'-Dichlorobenzidine		750	U	130	750
2,4-Dichlorophenol		370	U	54	370
Diethyl phthalate		370	U	44	370
2,4-Dimethylphenol		370	U	91	370
Dimethyl phthalate		370	U	44	370
Di-n-butyl phthalate		370	U	46	370
4,6-Dinitro-2-methylphenol		1100	U	100	1100
2,4-Dinitrophenol		1100	U	210	1100
2,4-Dinitrotoluene		75	U	12	75
2,6-Dinitrotoluene		75	U	11	75
Di-n-octyl phthalate		370	U	24	370
Fluoranthene		800		49	370
Fluorene		370	U	47	370
Hexachlorobenzene		37	U	5.0	37
Hexachlorobutadiene		75	U	9.0	75
Hexachlorocyclopentadiene		370	U	43	370
Hexachloroethane		37	U	4.1	37
Indeno[1,2,3-cd]pyrene		290		6.9	37
Isophorone		370	U	45	370
2-Methylnaphthalene		370	U	47	370

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B2 (5-7)**

Lab Sample ID: 460-55458-3 | Date Sampled: 05/03/2013 0945
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160167	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87167.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	05/10/2013 1242			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		370	U	63	370
4-Methylphenol		370	U	73	370
Naphthalene		370	U	43	370
2-Nitroaniline		750	U	150	750
3-Nitroaniline		750	U	130	750
4-Nitroaniline		750	U	110	750
Nitrobenzene		37	U	5.2	37
2-Nitrophenol		370	U	41	370
4-Nitrophenol		1100	U	240	1100
N-Nitrosodi-n-propylamine		37	U	6.2	37
N-Nitrosodiphenylamine		370	U	36	370
2,2'-oxybis[1-chloropropane]		370	U	41	370
Pentachlorophenol		1100	U	110	1100
Phenanthrene		680		47	370
Phenol		370	U	50	370
Pyrene		1500		31	370
1,2,4-Trichlorobenzene		37	U	4.2	37
2,4,5-Trichlorophenol		370	U	48	370
2,4,6-Trichlorophenol		370	U	43	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	54		40 - 109
2-Fluorophenol	59		37 - 125
Nitrobenzene-d5	52		38 - 105
Phenol-d5	71		41 - 118
Terphenyl-d14	119		16 - 151
2,4,6-Tribromophenol	59		10 - 120

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B3 (4.5-6)**

Lab Sample ID: 460-55458-4 | Date Sampled: 05/03/2013 1000
Client Matrix: Solid | % Moisture: 14.2 | Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160167	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87168.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	05/10/2013 1309			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		380	U	56	380
Acenaphthylene		380	U	46	380
Anthracene		380	U	47	380
Benzo[a]anthracene		110		2.7	38
Benzo[a]pyrene		84		2.7	38
Benzo[b]fluoranthene		140		2.4	38
Benzo[g,h,i]perylene		45	J	29	380
Benzo[k]fluoranthene		33	J	2.9	38
Benzyl alcohol		380	U	56	380
Bis(2-chloroethoxy)methane		380	U	50	380
Bis(2-chloroethyl)ether		38	U	5.3	38
Bis(2-ethylhexyl) phthalate		380	U	130	380
4-Bromophenyl phenyl ether		380	U	38	380
Butyl benzyl phthalate		380	U	35	380
Carbazole		380	U	46	380
4-Chloroaniline		380	U	100	380
4-Chloro-3-methylphenol		380	U	58	380
2-Chloronaphthalene		380	U	43	380
2-Chlorophenol		380	U	51	380
4-Chlorophenyl phenyl ether		380	U	45	380
Chrysene		96	J	45	380
Dibenz(a,h)anthracene		38	U	4.9	38
Dibenzofuran		380	U	45	380
1,2-Dichlorobenzene		380	U	45	380
1,3-Dichlorobenzene		380	U	35	380
1,4-Dichlorobenzene		380	U	43	380
3,3'-Dichlorobenzidine		780	U	140	780
2,4-Dichlorophenol		380	U	56	380
Diethyl phthalate		380	U	46	380
2,4-Dimethylphenol		380	U	95	380
Dimethyl phthalate		380	U	46	380
Di-n-butyl phthalate		380	U	48	380
4,6-Dinitro-2-methylphenol		1200	U	100	1200
2,4-Dinitrophenol		1200	U	220	1200
2,4-Dinitrotoluene		78	U	13	78
2,6-Dinitrotoluene		78	U	12	78
Di-n-octyl phthalate		380	U	25	380
Fluoranthene		110	J	51	380
Fluorene		380	U	49	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorobutadiene		78	U	9.4	78
Hexachlorocyclopentadiene		380	U	45	380
Hexachloroethane		38	U	4.3	38
Indeno[1,2,3-cd]pyrene		45		7.2	38
Isophorone		380	U	47	380
2-Methylnaphthalene		380	U	50	380

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B3 (4.5-6)**

Lab Sample ID: 460-55458-4 | Date Sampled: 05/03/2013 1000
Client Matrix: Solid | % Moisture: 14.2 | Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160167	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87168.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	05/10/2013 1309			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		380	U	66	380
4-Methylphenol		380	U	76	380
Naphthalene		380	U	45	380
2-Nitroaniline		780	U	160	780
3-Nitroaniline		780	U	140	780
4-Nitroaniline		780	U	120	780
Nitrobenzene		38	U	5.5	38
2-Nitrophenol		380	U	43	380
4-Nitrophenol		1200	U	250	1200
N-Nitrosodi-n-propylamine		38	U	6.4	38
N-Nitrosodiphenylamine		380	U	38	380
2,2'-oxybis[1-chloropropane]		380	U	43	380
Pentachlorophenol		1200	U	110	1200
Phenanthrene		67	J	49	380
Phenol		380	U	52	380
Pyrene		190	J	32	380
1,2,4-Trichlorobenzene		38	U	4.4	38
2,4,5-Trichlorophenol		380	U	50	380
2,4,6-Trichlorophenol		380	U	45	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	54		40 - 109
2-Fluorophenol	53		37 - 125
Nitrobenzene-d5	50		38 - 105
Phenol-d5	63		41 - 118
Terphenyl-d14	112		16 - 151
2,4,6-Tribromophenol	64		10 - 120

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B4 (5-6.5)**

Lab Sample ID: 460-55458-5 | Date Sampled: 05/03/2013 1045
Client Matrix: Solid | % Moisture: 14.1 | Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160160	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87148.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	05/10/2013 0159			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		84	J	56	380
Acenaphthylene		380	U	46	380
Anthracene		190	J	47	380
Benzo[a]anthracene		660		2.7	38
Benzo[a]pyrene		620		2.7	38
Benzo[b]fluoranthene		750		2.4	38
Benzo[g,h,i]perylene		280	J	29	380
Benzo[k]fluoranthene		240		2.9	38
Benzyl alcohol		380	U	56	380
Bis(2-chloroethoxy)methane		380	U	50	380
Bis(2-chloroethyl)ether		38	U	5.2	38
Bis(2-ethylhexyl) phthalate		380	U	130	380
4-Bromophenyl phenyl ether		380	U	38	380
Butyl benzyl phthalate		380	U	35	380
Carbazole		74	J	46	380
4-Chloroaniline		380	U	100	380
4-Chloro-3-methylphenol		380	U	58	380
2-Chloronaphthalene		380	U	43	380
2-Chlorophenol		380	U	51	380
4-Chlorophenyl phenyl ether		380	U	45	380
Chrysene		720		45	380
Dibenz(a,h)anthracene		79		4.9	38
Dibenzofuran		62	J	45	380
1,2-Dichlorobenzene		380	U	45	380
1,3-Dichlorobenzene		380	U	35	380
1,4-Dichlorobenzene		380	U	43	380
3,3'-Dichlorobenzidine		780	U	130	780
2,4-Dichlorophenol		380	U	56	380
Diethyl phthalate		380	U	46	380
2,4-Dimethylphenol		380	U	95	380
Dimethyl phthalate		380	U	46	380
Di-n-butyl phthalate		380	U	47	380
4,6-Dinitro-2-methylphenol		1200	U	100	1200
2,4-Dinitrophenol		1200	U	220	1200
2,4-Dinitrotoluene		78	U	13	78
2,6-Dinitrotoluene		78	U	12	78
Di-n-octyl phthalate		380	U	25	380
Fluoranthene		910		51	380
Fluorene		55	J	49	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorobutadiene		78	U	9.4	78
Hexachlorocyclopentadiene		380	U	45	380
Hexachloroethane		38	U	4.3	38
Indeno[1,2,3-cd]pyrene		320		7.2	38
Isophorone		380	U	47	380
2-Methylnaphthalene		380	U	49	380

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B4 (5-6.5)**

Lab Sample ID: 460-55458-5 | Date Sampled: 05/03/2013 1045
Client Matrix: Solid | % Moisture: 14.1 | Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160160	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87148.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	05/10/2013 0159			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		380	U	66	380
4-Methylphenol		380	U	76	380
Naphthalene		45	J	45	380
2-Nitroaniline		780	U	160	780
3-Nitroaniline		780	U	140	780
4-Nitroaniline		780	U	120	780
Nitrobenzene		38	U	5.5	38
2-Nitrophenol		380	U	43	380
4-Nitrophenol		1200	U	250	1200
N-Nitrosodi-n-propylamine		38	U	6.4	38
N-Nitrosodiphenylamine		380	U	38	380
2,2'-oxybis[1-chloropropane]		380	U	43	380
Pentachlorophenol		1200	U	110	1200
Phenanthrene		860		49	380
Phenol		380	U	52	380
Pyrene		1900		32	380
1,2,4-Trichlorobenzene		38	U	4.4	38
2,4,5-Trichlorophenol		380	U	50	380
2,4,6-Trichlorophenol		380	U	45	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	57		40 - 109
2-Fluorophenol	59		37 - 125
Nitrobenzene-d5	50		38 - 105
Phenol-d5	70		41 - 118
Terphenyl-d14	148		16 - 151
2,4,6-Tribromophenol	83		10 - 120

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B5 (5-6.5)**

Lab Sample ID: 460-55458-6 | Date Sampled: 05/03/2013 1135
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160167	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87173.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	05/10/2013 1527			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		350	J	270	1900
Acenaphthylene		890	J	220	1900
Anthracene		1400	J	230	1900
Benzo[a]anthracene		4400		13	190
Benzo[a]pyrene		5000		13	190
Benzo[b]fluoranthene		7000		12	190
Benzo[g,h,i]perylene		1200	J	140	1900
Benzo[k]fluoranthene		2000		14	190
Benzyl alcohol		1900	U	270	1900
Bis(2-chloroethoxy)methane		1900	U	240	1900
Bis(2-chloroethyl)ether		190	U	25	190
Bis(2-ethylhexyl) phthalate		1900	U	620	1900
4-Bromophenyl phenyl ether		1900	U	190	1900
Butyl benzyl phthalate		1900	U	170	1900
Carbazole		370	J	220	1900
4-Chloroaniline		1900	U	490	1900
4-Chloro-3-methylphenol		1900	U	280	1900
2-Chloronaphthalene		1900	U	210	1900
2-Chlorophenol		1900	U	250	1900
4-Chlorophenyl phenyl ether		1900	U	220	1900
Chrysene		5600		220	1900
Dibenz(a,h)anthracene		610		24	190
Dibenzofuran		310	J	220	1900
1,2-Dichlorobenzene		1900	U	220	1900
1,3-Dichlorobenzene		1900	U	170	1900
1,4-Dichlorobenzene		1900	U	210	1900
3,3'-Dichlorobenzidine		3800	U	660	3800
2,4-Dichlorophenol		1900	U	270	1900
Diethyl phthalate		1900	U	220	1900
2,4-Dimethylphenol		1900	U	460	1900
Dimethyl phthalate		1900	U	220	1900
Di-n-butyl phthalate		1900	U	230	1900
4,6-Dinitro-2-methylphenol		5700	U	510	5700
2,4-Dinitrophenol		5700	U	1100	5700
2,4-Dinitrotoluene		380	U	62	380
2,6-Dinitrotoluene		380	U	56	380
Di-n-octyl phthalate		1900	U	120	1900
Fluoranthene		4100		250	1900
Fluorene		370	J	240	1900
Hexachlorobenzene		190	U	26	190
Hexachlorobutadiene		380	U	46	380
Hexachlorocyclopentadiene		1900	U	220	1900
Hexachloroethane		190	U	21	190
Indeno[1,2,3-cd]pyrene		1500		35	190
Isophorone		1900	U	230	1900
2-Methylnaphthalene		380	J	240	1900

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B5 (5-6.5)**

Lab Sample ID: 460-55458-6 | Date Sampled: 05/03/2013 1135
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160167	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87173.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	05/10/2013 1527			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		1900	U	320	1900
4-Methylphenol		1900	U	370	1900
Naphthalene		270	J	220	1900
2-Nitroaniline		3800	U	780	3800
3-Nitroaniline		3800	U	660	3800
4-Nitroaniline		3800	U	580	3800
Nitrobenzene		190	U	27	190
2-Nitrophenol		1900	U	210	1900
4-Nitrophenol		5700	U	1200	5700
N-Nitrosodi-n-propylamine		190	U	31	190
N-Nitrosodiphenylamine		1900	U	180	1900
2,2'-oxybis[1-chloropropane]		1900	U	210	1900
Pentachlorophenol		5700	U	560	5700
Phenanthrene		4700		240	1900
Phenol		1900	U	250	1900
Pyrene		5600		160	1900
1,2,4-Trichlorobenzene		190	U	21	190
2,4,5-Trichlorophenol		1900	U	240	1900
2,4,6-Trichlorophenol		1900	U	220	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	77		40 - 109
2-Fluorophenol	58		37 - 125
Nitrobenzene-d5	56		38 - 105
Phenol-d5	59		41 - 118
Terphenyl-d14	61		16 - 151
2,4,6-Tribromophenol	54		10 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B6 (5-6.5)**

Lab Sample ID: 460-55458-7

Client Matrix: Solid

% Moisture: 17.1

Date Sampled: 05/03/2013 1200

Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160167	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87172.d
Dilution:	2.0			Initial Weight/Volume:	15.03 g
Analysis Date:	05/10/2013 1500			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		270	J	120	790
Acenaphthylene		160	J	94	790
Anthracene		870		97	790
Benzo[a]anthracene		3000		5.6	79
Benzo[a]pyrene		3000		5.6	79
Benzo[b]fluoranthene		2800		5.0	79
Benzo[g,h,i]perylene		1500		59	790
Benzo[k]fluoranthene		1000		6.0	79
Benzyl alcohol		790	U	120	790
Bis(2-chloroethoxy)methane		790	U	100	790
Bis(2-chloroethyl)ether		79	U	11	79
Bis(2-ethylhexyl) phthalate		790	U	260	790
4-Bromophenyl phenyl ether		790	U	79	790
Butyl benzyl phthalate		790	U	73	790
Carbazole		350	J	94	790
4-Chloroaniline		790	U	210	790
4-Chloro-3-methylphenol		790	U	120	790
2-Chloronaphthalene		790	U	89	790
2-Chlorophenol		790	U	100	790
4-Chlorophenyl phenyl ether		790	U	93	790
Chrysene		4500		93	790
Dibenz(a,h)anthracene		560		10	79
Dibenzofuran		210	J	93	790
1,2-Dichlorobenzene		790	U	92	790
1,3-Dichlorobenzene		790	U	72	790
1,4-Dichlorobenzene		790	U	90	790
3,3'-Dichlorobenzidine		1600	U	280	1600
2,4-Dichlorophenol		790	U	120	790
Diethyl phthalate		790	U	95	790
2,4-Dimethylphenol		790	U	200	790
Dimethyl phthalate		790	U	94	790
Di-n-butyl phthalate		790	U	98	790
4,6-Dinitro-2-methylphenol		2400	U	220	2400
2,4-Dinitrophenol		2400	U	450	2400
2,4-Dinitrotoluene		160	U	26	160
2,6-Dinitrotoluene		160	U	24	160
Di-n-octyl phthalate		790	U	51	790
Fluoranthene		3600		110	790
Fluorene		210	J	100	790
Hexachlorobenzene		79	U	11	79
Hexachlorobutadiene		160	U	19	160
Hexachlorocyclopentadiene		790	U	94	790
Hexachloroethane		79	U	8.9	79
Indeno[1,2,3-cd]pyrene		1100		15	79
Isophorone		790	U	97	790
2-Methylnaphthalene		610	J	100	790

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B6 (5-6.5)**

Lab Sample ID: 460-55458-7 | Date Sampled: 05/03/2013 1200
Client Matrix: Solid | % Moisture: 17.1 | Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-160167	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-159104	Lab File ID:	u87172.d
Dilution:	2.0			Initial Weight/Volume:	15.03 g
Analysis Date:	05/10/2013 1500			Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Methylphenol		790	U	140	790
4-Methylphenol		790	U	160	790
Naphthalene		390	J	92	790
2-Nitroaniline		1600	U	330	1600
3-Nitroaniline		1600	U	280	1600
4-Nitroaniline		1600	U	250	1600
Nitrobenzene		79	U	11	79
2-Nitrophenol		790	U	89	790
4-Nitrophenol		2400	U	510	2400
N-Nitrosodi-n-propylamine		79	U	13	79
N-Nitrosodiphenylamine		790	U	78	790
2,2'-oxybis[1-chloropropane]		790	U	88	790
Pentachlorophenol		2400	U	240	2400
Phenanthrene		5100		100	790
Phenol		790	U	110	790
Pyrene		5200		67	790
1,2,4-Trichlorobenzene		79	U	9.0	79
2,4,5-Trichlorophenol		790	U	100	790
2,4,6-Trichlorophenol		790	U	93	790

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	72		40 - 109
2-Fluorophenol	52		37 - 125
Nitrobenzene-d5	56		38 - 105
Phenol-d5	54		41 - 118
Terphenyl-d14	61		16 - 151
2,4,6-Tribromophenol	46		10 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B7 (GW)**

Lab Sample ID: 460-55458-8
Client Matrix: Water

Date Sampled: 05/03/2013 1330
Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159891	Instrument ID:	BNAMS6
Prep Method:	3510C	Prep Batch:	460-159336	Lab File ID:	m64720.d
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	05/09/2013 0203			Final Weight/Volume:	2 mL
Prep Date:	05/07/2013 1026			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.60	10
2-Chlorophenol	10	U	0.93	10
2-Methylphenol	10	U	1.4	10
4-Methylphenol	10	U	1.0	10
2-Nitrophenol	10	U	0.68	10
2,4-Dimethylphenol	10	U	1.2	10
2,4-Dichlorophenol	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
2,4,6-Trichlorophenol	10	U	1.4	10
2,4,5-Trichlorophenol	10	U	2.2	10
2,4-Dinitrophenol	30	U	2.0	30
4-Nitrophenol	30	U	2.0	30
4,6-Dinitro-2-methylphenol	30	U	3.0	30
Pentachlorophenol	30	U	2.7	30
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
1,3-Dichlorobenzene	10	U	1.6	10
1,4-Dichlorobenzene	10	U	1.9	10
1,2-Dichlorobenzene	10	U	1.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Hexachloroethane	1.0	U	0.15	1.0
Nitrobenzene	1.0	U	0.34	1.0
Isophorone	10	U	1.3	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
1,2,4-Trichlorobenzene	1.0	U	0.19	1.0
Naphthalene	10	U	2.0	10
4-Chloroaniline	10	U	1.3	10
Hexachlorobutadiene	2.0	U	0.68	2.0
2-Methylnaphthalene	10	U	1.5	10
Hexachlorocyclopentadiene	10	U *	1.5	10
2-Chloronaphthalene	10	U	1.3	10
2-Nitroaniline	20	U	2.0	20
Dimethyl phthalate	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
2,6-Dinitrotoluene	2.0	U	0.27	2.0
3-Nitroaniline	20	U	2.9	20
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
4-Nitroaniline	20	U	2.9	20
N-Nitrosodiphenylamine	10	U	1.0	10
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorobenzene	1.0	U	0.20	1.0
Phenanthrene	10	U	1.2	10

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B7 (GW)**

Lab Sample ID: 460-55458-8
Client Matrix: Water

Date Sampled: 05/03/2013 1330
Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159891	Instrument ID:	BNAMS6
Prep Method:	3510C	Prep Batch:	460-159336	Lab File ID:	m64720.d
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	05/09/2013 0203			Final Weight/Volume:	2 mL
Prep Date:	05/07/2013 1026			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Anthracene	10	U	0.85	10
Carbazole	10	U	1.2	10
Di-n-butyl phthalate	10	U	1.0	10
Fluoranthene	10	U	1.1	10
Pyrene	10	U	1.1	10
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	20	U	3.2	20
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	10	U	1.4	10
Bis(2-ethylhexyl) phthalate	10	U	0.81	10
Di-n-octyl phthalate	10	U	0.88	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	0.93	10
Benzyl alcohol	10	U	1.1	10
2,2'-oxybis[1-chloropropane]	10	U	1.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	88		60 - 114
Phenol-d5	41		4 - 86
Terphenyl-d14	103		72 - 130
2,4,6-Tribromophenol	99		51 - 126
2-Fluorophenol	48		15 - 96
2-Fluorobiphenyl	89		50 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B2 (GW)**

Lab Sample ID: 460-55458-9
Client Matrix: Water

Date Sampled: 05/03/2013 1400
Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159891	Instrument ID:	BNAMS6
Prep Method:	3510C	Prep Batch:	460-159336	Lab File ID:	m64721.d
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	05/09/2013 0224			Final Weight/Volume:	2 mL
Prep Date:	05/07/2013 1026			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.60	10
2-Chlorophenol	10	U	0.93	10
2-Methylphenol	10	U	1.4	10
4-Methylphenol	10	U	1.0	10
2-Nitrophenol	10	U	0.68	10
2,4-Dimethylphenol	10	U	1.2	10
2,4-Dichlorophenol	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
2,4,6-Trichlorophenol	10	U	1.4	10
2,4,5-Trichlorophenol	10	U	2.2	10
2,4-Dinitrophenol	30	U	2.0	30
4-Nitrophenol	30	U	2.0	30
4,6-Dinitro-2-methylphenol	30	U	3.0	30
Pentachlorophenol	30	U	2.7	30
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
1,3-Dichlorobenzene	10	U	1.6	10
1,4-Dichlorobenzene	10	U	1.9	10
1,2-Dichlorobenzene	10	U	1.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Hexachloroethane	1.0	U	0.15	1.0
Nitrobenzene	1.0	U	0.34	1.0
Isophorone	10	U	1.3	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
1,2,4-Trichlorobenzene	1.0	U	0.19	1.0
Naphthalene	10	U	2.0	10
4-Chloroaniline	10	U	1.3	10
Hexachlorobutadiene	2.0	U	0.68	2.0
2-Methylnaphthalene	10	U	1.5	10
Hexachlorocyclopentadiene	10	U *	1.5	10
2-Chloronaphthalene	10	U	1.3	10
2-Nitroaniline	20	U	2.0	20
Dimethyl phthalate	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
2,6-Dinitrotoluene	2.0	U	0.27	2.0
3-Nitroaniline	20	U	2.9	20
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
4-Nitroaniline	20	U	2.9	20
N-Nitrosodiphenylamine	10	U	1.0	10
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorobenzene	1.0	U	0.20	1.0
Phenanthrene	10	U	1.2	10

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B2 (GW)**

Lab Sample ID: 460-55458-9
Client Matrix: Water

Date Sampled: 05/03/2013 1400
Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159891	Instrument ID:	BNAMS6
Prep Method:	3510C	Prep Batch:	460-159336	Lab File ID:	m64721.d
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	05/09/2013 0224			Final Weight/Volume:	2 mL
Prep Date:	05/07/2013 1026			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Anthracene	10	U	0.85	10
Carbazole	10	U	1.2	10
Di-n-butyl phthalate	10	U	1.0	10
Fluoranthene	10	U	1.1	10
Pyrene	10	U	1.1	10
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	20	U	3.2	20
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	10	U	1.4	10
Bis(2-ethylhexyl) phthalate	10	U	0.81	10
Di-n-octyl phthalate	10	U	0.88	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	0.93	10
Benzyl alcohol	10	U	1.1	10
2,2'-oxybis[1-chloropropane]	10	U	1.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		60 - 114
Phenol-d5	40		4 - 86
Terphenyl-d14	96		72 - 130
2,4,6-Tribromophenol	94		51 - 126
2-Fluorophenol	50		15 - 96
2-Fluorobiphenyl	84		50 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B5 (GW)**

Lab Sample ID: 460-55458-10
Client Matrix: Water

Date Sampled: 05/03/2013 1300
Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159891	Instrument ID:	BNAMS6
Prep Method:	3510C	Prep Batch:	460-159336	Lab File ID:	m64722.d
Dilution:	1.0			Initial Weight/Volume:	248 mL
Analysis Date:	05/09/2013 0246			Final Weight/Volume:	2 mL
Prep Date:	05/07/2013 1026			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.60	10
2-Chlorophenol	10	U	0.94	10
2-Methylphenol	10	U	1.4	10
4-Methylphenol	10	U	1.0	10
2-Nitrophenol	10	U	0.69	10
2,4-Dimethylphenol	10	U	1.2	10
2,4-Dichlorophenol	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
2,4,6-Trichlorophenol	10	U	1.4	10
2,4,5-Trichlorophenol	10	U	2.2	10
2,4-Dinitrophenol	30	U	2.0	30
4-Nitrophenol	30	U	2.0	30
4,6-Dinitro-2-methylphenol	30	U	3.0	30
Pentachlorophenol	30	U	2.7	30
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
1,3-Dichlorobenzene	10	U	1.6	10
1,4-Dichlorobenzene	10	U	1.9	10
1,2-Dichlorobenzene	10	U	1.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Hexachloroethane	1.0	U	0.15	1.0
Nitrobenzene	1.0	U	0.34	1.0
Isophorone	10	U	1.3	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
1,2,4-Trichlorobenzene	1.0	U	0.19	1.0
Naphthalene	10	U	2.0	10
4-Chloroaniline	10	U	1.3	10
Hexachlorobutadiene	2.0	U	0.69	2.0
2-Methylnaphthalene	10	U	1.5	10
Hexachlorocyclopentadiene	10	U *	1.5	10
2-Chloronaphthalene	10	U	1.3	10
2-Nitroaniline	20	U	2.0	20
Dimethyl phthalate	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
2,6-Dinitrotoluene	2.0	U	0.27	2.0
3-Nitroaniline	20	U	2.9	20
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
4-Nitroaniline	20	U	2.9	20
N-Nitrosodiphenylamine	10	U	1.0	10
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorobenzene	1.0	U	0.20	1.0
Phenanthrene	10	U	1.2	10

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B5 (GW)**

Lab Sample ID: 460-55458-10
Client Matrix: Water

Date Sampled: 05/03/2013 1300
Date Received: 05/03/2013 1700

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-159891	Instrument ID:	BNAMS6
Prep Method:	3510C	Prep Batch:	460-159336	Lab File ID:	m64722.d
Dilution:	1.0			Initial Weight/Volume:	248 mL
Analysis Date:	05/09/2013 0246			Final Weight/Volume:	2 mL
Prep Date:	05/07/2013 1026			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Anthracene	10	U	0.86	10
Carbazole	10	U	1.2	10
Di-n-butyl phthalate	10	U	1.0	10
Fluoranthene	10	U	1.1	10
Pyrene	10	U	1.1	10
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	20	U	3.2	20
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	10	U	1.4	10
Bis(2-ethylhexyl) phthalate	10	U	0.82	10
Di-n-octyl phthalate	10	U	0.89	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	0.94	10
Benzyl alcohol	10	U	1.1	10
2,2'-oxybis[1-chloropropane]	10	U	1.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	92		60 - 114
Phenol-d5	41		4 - 86
Terphenyl-d14	105		72 - 130
2,4,6-Tribromophenol	95		51 - 126
2-Fluorophenol	49		15 - 96
2-Fluorobiphenyl	90		50 - 120

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B2 (5-7)**

Lab Sample ID: 460-55458-3 | Date Sampled: 05/03/2013 0945
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 05/03/2013 1700

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-160799	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-159075	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/15/2013 0813			Injection Volume:	1 uL
Prep Date:	05/06/2013 0648			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		7.5	U	1.7	7.5
beta-BHC		7.5	U	1.8	7.5
delta-BHC		7.5	U	1.3	7.5
gamma-BHC (Lindane)		7.5	U	1.3	7.5
4,4'-DDD		7.5	U	1.5	7.5
4,4'-DDE		7.5	U	1.5	7.5
4,4'-DDT		7.5	U	1.8	7.5
Dieldrin		7.5	U	1.3	7.5
Endosulfan I		7.5	U	1.7	7.5
Endosulfan II		7.5	U	1.5	7.5
Endosulfan sulfate		7.5	U	1.5	7.5
Endrin		7.5	U	1.8	7.5
Endrin aldehyde		7.5	U	1.1	7.5
Endrin ketone		7.5	U	1.5	7.5
Heptachlor		7.5	U	1.8	7.5
Heptachlor epoxide		7.5	U	1.7	7.5
Methoxychlor		7.5	U	1.8	7.5
Toxaphene		75	U	20	75
gamma-Chlordane		7.5	U	1.5	7.5
alpha-Chlordane		7.5	U	1.5	7.5

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	105		37 - 150
DCB Decachlorobiphenyl	110		60 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B2 (5-7)**

Lab Sample ID: 460-55458-3
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 05/03/2013 0945
Date Received: 05/03/2013 1700

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-160799	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-159075	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/15/2013 0813			Injection Volume:	1 uL
Prep Date:	05/06/2013 0648			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	95		37 - 150
DCB Decachlorobiphenyl	105		60 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55458-1FB
Client Matrix: Water

Date Sampled: 05/03/2013 0700
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-159589	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	05/08/2013 2354			Injection Volume:	1 uL
Prep Date:	05/08/2013 1017			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.40	U *	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U *	0.21	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	115		37 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55458-1FB
Client Matrix: Water

Date Sampled: 05/03/2013 0700
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-159589	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	05/08/2013 2354			Injection Volume:	1 uL
Prep Date:	05/08/2013 1017			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		37 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B1 (4.5-6.0)**

Lab Sample ID: 460-55458-2
Client Matrix: Solid
% Moisture: 16.8

Date Sampled: 05/03/2013 0830
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 2140			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		80	U	18	80
Aroclor 1221		80	U	18	80
Aroclor 1232		80	U	18	80
Aroclor 1242		80	U	18	80
Aroclor 1248		80	U	18	80
Aroclor 1254		80	U	23	80
Aroclor 1260		80	U	23	80

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B1 (4.5-6.0)**

Lab Sample ID: 460-55458-2
Client Matrix: Solid
% Moisture: 16.8

Date Sampled: 05/03/2013 0830
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 2140			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B2 (5-7)**

Lab Sample ID: 460-55458-3
Client Matrix: Solid
% Moisture: 10.7
Date Sampled: 05/03/2013 0945
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 2226			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		75	U	17	75
Aroclor 1221		75	U	17	75
Aroclor 1232		75	U	17	75
Aroclor 1242		75	U	17	75
Aroclor 1248		75	U	17	75
Aroclor 1254		75	U	21	75
Aroclor 1260		75	U	21	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B2 (5-7)**

Lab Sample ID: 460-55458-3
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 05/03/2013 0945
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 2226			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B3 (4.5-6)**

Lab Sample ID: 460-55458-4
Client Matrix: Solid
% Moisture: 14.2
Date Sampled: 05/03/2013 1000
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 2243			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		78	U	17	78
Aroclor 1221		78	U	17	78
Aroclor 1232		78	U	17	78
Aroclor 1242		78	U	17	78
Aroclor 1248		78	U	17	78
Aroclor 1254		78	U	22	78
Aroclor 1260		78	U	22	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B3 (4.5-6)**

Lab Sample ID: 460-55458-4
Client Matrix: Solid
% Moisture: 14.2

Date Sampled: 05/03/2013 1000
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 2243			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B4 (5-6.5)**

Lab Sample ID: 460-55458-5
Client Matrix: Solid
% Moisture: 14.1
Date Sampled: 05/03/2013 1045
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 2259			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		78	U	17	78
Aroclor 1221		78	U	17	78
Aroclor 1232		78	U	17	78
Aroclor 1242		78	U	17	78
Aroclor 1248		78	U	17	78
Aroclor 1254		78	U	22	78
Aroclor 1260		78	U	22	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B4 (5-6.5)**

Lab Sample ID: 460-55458-5
Client Matrix: Solid
% Moisture: 14.1
Date Sampled: 05/03/2013 1045
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 2259			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		45 - 138

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B5 (5-6.5)**

Lab Sample ID: 460-55458-6 | Date Sampled: 05/03/2013 1135
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 2316			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		76	U	17	76
Aroclor 1221		76	U	17	76
Aroclor 1232		76	U	17	76
Aroclor 1242		76	U	17	76
Aroclor 1248		76	U	17	76
Aroclor 1254		76	U	21	76
Aroclor 1260		76	U	21	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B5 (5-6.5)**

Lab Sample ID: 460-55458-6
Client Matrix: Solid
% Moisture: 11.6
Date Sampled: 05/03/2013 1135
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2013 2316			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	79		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B6 (5-6.5)**

Lab Sample ID: 460-55458-7

Client Matrix: Solid

% Moisture: 17.1

Date Sampled: 05/03/2013 1200

Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/07/2013 0049			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		81	U	18	81
Aroclor 1221		81	U	18	81
Aroclor 1232		81	U	18	81
Aroclor 1242		81	U	18	81
Aroclor 1248		81	U	18	81
Aroclor 1254		81	U	23	81
Aroclor 1260		81	U	23	81

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B6 (5-6.5)**

Lab Sample ID: 460-55458-7
Client Matrix: Solid
% Moisture: 17.1
Date Sampled: 05/03/2013 1200
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-159071	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/07/2013 0049			Injection Volume:	1 uL
Prep Date:	05/06/2013 0635			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B7 (GW)**

Lab Sample ID: 460-55458-8
Client Matrix: Water

Date Sampled: 05/03/2013 1330
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-159589	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	05/09/2013 0024			Injection Volume:	1 uL
Prep Date:	05/08/2013 1017			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.40	U *	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U *	0.21	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	133		37 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B7 (GW)**

Lab Sample ID: 460-55458-8
Client Matrix: Water

Date Sampled: 05/03/2013 1330
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-159589	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	05/09/2013 0024			Injection Volume:	1 uL
Prep Date:	05/08/2013 1017			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	132		37 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B2 (GW)**

Lab Sample ID: 460-55458-9
Client Matrix: Water

Date Sampled: 05/03/2013 1400
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-159589	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	05/09/2013 0009			Injection Volume:	1 uL
Prep Date:	05/08/2013 1017			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.40	U *	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U *	0.21	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	116		37 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B2 (GW)**

Lab Sample ID: 460-55458-9
Client Matrix: Water

Date Sampled: 05/03/2013 1400
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-159589	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	05/09/2013 0009			Injection Volume:	1 uL
Prep Date:	05/08/2013 1017			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		37 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B5 (GW)**

Lab Sample ID: 460-55458-10
Client Matrix: Water

Date Sampled: 05/03/2013 1300
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-159589	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	05/09/2013 0040			Injection Volume:	1 uL
Prep Date:	05/08/2013 1017			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.40	U *	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U *	0.21	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	142		37 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B5 (GW)**

Lab Sample ID: 460-55458-10
Client Matrix: Water

Date Sampled: 05/03/2013 1300
Date Received: 05/03/2013 1700

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-159589	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	05/09/2013 0040			Injection Volume:	1 uL
Prep Date:	05/08/2013 1017			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	142		37 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **FB-1**

Lab Sample ID: 460-55458-1FB
Client Matrix: Water

Date Sampled: 05/03/2013 0700
Date Received: 05/03/2013 1700

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-159555	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-159108	Lab File ID:	05072013A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	05/07/2013 2034			Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	72.1	200
Antimony	10.0	U	7.4	10.0
Arsenic	5.0	U	3.7	5.0
Barium	200	U	5.9	200
Beryllium	2.0	U	0.78	2.0
Cadmium	5.0	U	0.82	5.0
Calcium	5000	U	305	5000
Chromium	10.0	U	4.5	10.0
Cobalt	50.0	U	4.3	50.0
Copper	25.0	U	7.8	25.0
Iron	150	U	73.6	150
Lead	5.0	U	4.0	5.0
Magnesium	5000	U	321	5000
Manganese	15.0	U	4.3	15.0
Nickel	40.0	U	5.0	40.0
Potassium	5000	U	525	5000
Selenium	10.0	U	5.8	10.0
Silver	10.0	U	1.3	10.0
Sodium	5000	U	821	5000
Thallium	10.0	U	5.2	10.0
Vanadium	50.0	U	4.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-159760	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-159713	Lab File ID:	159713HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	05/08/2013 2034			Final Weight/Volume:	30 mL
Prep Date:	05/08/2013 1715				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B1 (4.5-6.0)**

Lab Sample ID: 460-55458-2 | Date Sampled: 05/03/2013 0830
Client Matrix: Solid | % Moisture: 16.8 | Date Received: 05/03/2013 1700

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-159201	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-159036	Lab File ID:	05062013.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	05/06/2013 1509			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 1352				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6640		19.5	42.9
Antimony		2.1	U	1.3	2.1
Arsenic		15.7		1.0	1.1
Barium		120		1.2	42.9
Beryllium		0.42	J	0.15	0.43
Cadmium		1.7		0.16	1.1
Calcium		4820		75.9	1070
Chromium		23.9		0.92	2.1
Cobalt		8.6	J	0.91	10.7
Copper		120		2.1	5.4
Iron		18600		13.0	32.2
Lead		428		0.92	1.1
Magnesium		5500		77.2	1070
Manganese		355		0.94	3.2
Nickel		59.0		0.94	8.6
Potassium		1590		115	1070
Selenium		2.1	U	1.4	2.1
Silver		2.1	U	0.21	2.1
Sodium		1240		169	1070
Thallium		2.1	U	1.2	2.1
Vanadium		50.8		0.82	10.7
Zinc		567		1.2	6.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159225	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159132	Lab File ID:	159134.PRN
Dilution:	3.0			Initial Weight/Volume:	0.62 g
Analysis Date:	05/06/2013 1953			Final Weight/Volume:	50 mL
Prep Date:	05/06/2013 1100				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.2		0.042	0.059

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B2 (5-7)**

Lab Sample ID: 460-55458-3 | Date Sampled: 05/03/2013 0945
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 05/03/2013 1700

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-159201	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-159036	Lab File ID:	05062013.asc
Dilution:	4.0			Initial Weight/Volume:	1.17 g
Analysis Date:	05/06/2013 1512			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 1352				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		5600		17.4	38.3
Antimony		1.9	U	1.2	1.9
Arsenic		6.6		0.90	0.96
Barium		65.6		1.1	38.3
Beryllium		0.27	J	0.14	0.38
Cadmium		0.44	J	0.14	0.96
Calcium		4220		67.7	957
Chromium		14.9		0.82	1.9
Cobalt		9.5	J	0.82	9.6
Copper		40.5		1.9	4.8
Iron		14600		11.6	28.7
Lead		157		0.82	0.96
Magnesium		3310		68.9	957
Manganese		240		0.84	2.9
Nickel		38.9		0.84	7.7
Potassium		1130		102	957
Selenium		1.9	U	1.3	1.9
Silver		1.9	U	0.19	1.9
Sodium		523	J	151	957
Thallium		1.9	U	1.1	1.9
Vanadium		20.1		0.73	9.6
Zinc		278		1.0	5.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159225	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159132	Lab File ID:	159134.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	05/06/2013 1955			Final Weight/Volume:	50 mL
Prep Date:	05/06/2013 1100				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.48		0.013	0.018

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B3 (4.5-6)**

Lab Sample ID: 460-55458-4 | Date Sampled: 05/03/2013 1000
Client Matrix: Solid | % Moisture: 14.2 | Date Received: 05/03/2013 1700

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-159201	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-159036	Lab File ID:	05062013.asc
Dilution:	4.0			Initial Weight/Volume:	1.09 g
Analysis Date:	05/06/2013 1516			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 1352				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		1010		19.5	42.8
Antimony		2.1	U	1.3	2.1
Arsenic		2.5		1.0	1.1
Barium		172		1.2	42.8
Beryllium		0.43	U	0.15	0.43
Cadmium		1.1	U	0.16	1.1
Calcium		8960		75.7	1070
Chromium		4.9		0.92	2.1
Cobalt		10.7	U	0.91	10.7
Copper		12.6		2.1	5.3
Iron		2300		12.9	32.1
Lead		426		0.92	1.1
Magnesium		501	J	77.0	1070
Manganese		17.8		0.94	3.2
Nickel		5.7	J	0.94	8.6
Potassium		434	J	114	1070
Selenium		2.1	U	1.4	2.1
Silver		0.40	J	0.21	2.1
Sodium		1610		169	1070
Thallium		2.1	U	1.2	2.1
Vanadium		21.2		0.82	10.7
Zinc		12.1		1.2	6.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159225	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159132	Lab File ID:	159134.PRN
Dilution:	3.0			Initial Weight/Volume:	0.63 g
Analysis Date:	05/06/2013 1957			Final Weight/Volume:	50 mL
Prep Date:	05/06/2013 1100				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.3		0.040	0.057

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B4 (5-6.5)**

Lab Sample ID: 460-55458-5 | Date Sampled: 05/03/2013 1045
Client Matrix: Solid | % Moisture: 14.1 | Date Received: 05/03/2013 1700

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-159201	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-159036	Lab File ID:	05062013.asc
Dilution:	4.0			Initial Weight/Volume:	1.08 g
Analysis Date:	05/06/2013 1519			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 1352				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6310		19.6	43.1
Antimony		2.2	U	1.3	2.2
Arsenic		48.1		1.0	1.1
Barium		69.6		1.2	43.1
Beryllium		0.37	J	0.16	0.43
Cadmium		1.1	U	0.16	1.1
Calcium		1540		76.3	1080
Chromium		15.8		0.93	2.2
Cobalt		6.0	J	0.92	10.8
Copper		42.7		2.1	5.4
Iron		19100		13.0	32.3
Lead		267		0.93	1.1
Magnesium		2090		77.6	1080
Manganese		242		0.95	3.2
Nickel		11.3		0.95	8.6
Potassium		1340		115	1080
Selenium		2.2	U	1.4	2.2
Silver		2.2	U	0.22	2.2
Sodium		575	J	170	1080
Thallium		2.2	U	1.2	2.2
Vanadium		24.8		0.83	10.8
Zinc		46.2		1.2	6.5

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159225	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159132	Lab File ID:	159134.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	05/06/2013 2000			Final Weight/Volume:	50 mL
Prep Date:	05/06/2013 1100				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.33		0.014	0.019

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B5 (5-6.5)**

Lab Sample ID: 460-55458-6 | Date Sampled: 05/03/2013 1135
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 05/03/2013 1700

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-159201	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-159036	Lab File ID:	05062013.asc
Dilution:	4.0			Initial Weight/Volume:	1.07 g
Analysis Date:	05/06/2013 1523			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 1352				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		3690		19.2	42.3
Antimony		2.1	U	1.3	2.1
Arsenic		10.8		0.99	1.1
Barium		107		1.2	42.3
Beryllium		0.31	J	0.15	0.42
Cadmium		0.25	J	0.16	1.1
Calcium		43300		74.9	1060
Chromium		22.9		0.91	2.1
Cobalt		5.0	J	0.90	10.6
Copper		992		2.1	5.3
Iron		11700		12.8	31.7
Lead		288		0.91	1.1
Magnesium		19400		76.1	1060
Manganese		156		0.93	3.2
Nickel		28.4		0.93	8.5
Potassium		669	J	113	1060
Selenium		2.1	U	1.4	2.1
Silver		2.1	U	0.21	2.1
Sodium		883	J	167	1060
Thallium		2.1	U	1.2	2.1
Vanadium		17.9		0.81	10.6
Zinc		185		1.1	6.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159225	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159132	Lab File ID:	159134.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	05/06/2013 1813			Final Weight/Volume:	50 mL
Prep Date:	05/06/2013 1100				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.48		0.013	0.018

Client: Henningson, Durham & Richardson | Job Number: 460-55458-1

Client Sample ID: **B6 (5-6.5)**

Lab Sample ID: 460-55458-7 | Date Sampled: 05/03/2013 1200
Client Matrix: Solid | % Moisture: 17.1 | Date Received: 05/03/2013 1700

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-159201	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-159036	Lab File ID:	05062013.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	05/06/2013 1527			Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 1352				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		5000		20.9	46.0
Antimony		2.3	U	1.4	2.3
Arsenic		22.8		1.1	1.1
Barium		265		1.3	46.0
Beryllium		0.39	J	0.17	0.46
Cadmium		0.54	J	0.17	1.1
Calcium		7720		81.3	1150
Chromium		17.5		0.99	2.3
Cobalt		7.7	J	0.98	11.5
Copper		116		2.2	5.7
Iron		33300		13.9	34.5
Lead		645		0.99	1.1
Magnesium		1690		82.7	1150
Manganese		210		1.0	3.4
Nickel		20.2		1.0	9.2
Potassium		646	J	123	1150
Selenium		2.3	U	1.5	2.3
Silver		2.3	U	0.23	2.3
Sodium		392	J	182	1150
Thallium		2.3	U	1.3	2.3
Vanadium		17.5		0.88	11.5
Zinc		475		1.2	6.9

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-159225	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-159132	Lab File ID:	159134.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	05/06/2013 1815			Final Weight/Volume:	50 mL
Prep Date:	05/06/2013 1100				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.85		0.014	0.020

Client Sample ID: **B7 (GW)**

Lab Sample ID: 460-55458-8 Date Sampled: 05/03/2013 1330
Client Matrix: Water Date Received: 05/03/2013 1700

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-159555	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-159108	Lab File ID:	05072013A.asc
Dilution:	4.0			Initial Weight/Volume:	100 mL
Analysis Date:	05/07/2013 2002			Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	685	J	288	800
Antimony	40.0	U	29.4	40.0
Arsenic	20.0	U	14.9	20.0
Barium	51.4	J	23.8	800
Beryllium	8.0	U	3.1	8.0
Cadmium	20.0	U	3.3	20.0
Calcium	260000		1220	20000
Chromium	40.0	U	17.8	40.0
Cobalt	200	U	17.1	200
Copper	100	U	31.4	100
Iron	1080		294	600
Lead	28.9		16.0	20.0
Magnesium	768000		1290	20000
Manganese	38.5	J	17.2	60.0
Nickel	160	U	19.9	160
Potassium	238000		2100	20000
Selenium	40.0	U	23.0	40.0
Silver	40.0	U	5.4	40.0
Thallium	40.0	U	21.0	40.0
Vanadium	200	U	16.2	200
Zinc	120	U	23.4	120

Analysis Method:	6010B	Analysis Batch:	460-159646	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-159108	Lab File ID:	05082013.asc
Dilution:	30			Initial Weight/Volume:	100 mL
Analysis Date:	05/08/2013 1648			Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	6150000		24600	150000

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-160190	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-160036	Lab File ID:	05102013A.asc
Dilution:	4.0			Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1611			Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	40.0	U	5.4	40.0
Aluminum	800	U	288	800
Arsenic	20.0	U	14.9	20.0
Barium	40.6	J	23.8	800

Client Sample ID: **B7 (GW)**

Lab Sample ID: 460-55458-8 Date Sampled: 05/03/2013 1330
Client Matrix: Water Date Received: 05/03/2013 1700

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Beryllium	8.0	U	3.1	8.0
Calcium	272000		1220	20000
Cadmium	20.0	U	3.3	20.0
Cobalt	200	U	17.1	200
Chromium	40.0	U	17.8	40.0
Copper	100	U	31.4	100
Iron	600	U	294	600
Potassium	272000		2100	20000
Magnesium	815000		1290	20000
Manganese	60.0	U	17.2	60.0
Nickel	160	U	19.9	160
Lead	20.0	U	16.0	20.0
Antimony	40.0	U	29.4	40.0
Selenium	40.0	U	23.0	40.0
Thallium	40.0	U	21.0	40.0
Vanadium	200	U	16.2	200
Zinc	120	U	23.4	120

Analysis Method:	6010B	Analysis Batch:	460-160190	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-160036	Lab File ID:	05102013A.asc
Dilution:	30			Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1518			Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	5890000		24600	150000

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-159760	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-159713	Lab File ID:	159713HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	05/08/2013 2035			Final Weight/Volume:	30 mL
Prep Date:	05/08/2013 1715				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-159215	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-159159	Lab File ID:	159159hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	05/06/2013 1517			Final Weight/Volume:	30 mL
Prep Date:	05/06/2013 1238				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B7 (GW)**

Lab Sample ID: 460-55458-8

Client Matrix: Water

Date Sampled: 05/03/2013 1330

Date Received: 05/03/2013 1700

7470A Mercury (CVAA)-Dissolved

Client Sample ID: **B2 (GW)**

Lab Sample ID: 460-55458-9 Date Sampled: 05/03/2013 1400
Client Matrix: Water Date Received: 05/03/2013 1700

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-159555	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-159108	Lab File ID:	05072013A.asc
Dilution:	4.0			Initial Weight/Volume:	100 mL
Analysis Date:	05/07/2013 2053			Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	11200		288	800
Antimony	40.0	U	29.4	40.0
Arsenic	16.0	J	14.9	20.0
Barium	103	J	23.8	800
Beryllium	8.0	U	3.1	8.0
Cadmium	20.0	U	3.3	20.0
Calcium	249000		1220	20000
Chromium	27.5	J	17.8	40.0
Cobalt	200	U	17.1	200
Copper	61.1	J	31.4	100
Iron	14900		294	600
Lead	188		16.0	20.0
Magnesium	653000		1290	20000
Manganese	1230		17.2	60.0
Nickel	40.6	J	19.9	160
Potassium	212000		2100	20000
Selenium	40.0	U	23.0	40.0
Silver	40.0	U	5.4	40.0
Thallium	40.0	U	21.0	40.0
Vanadium	32.6	J	16.2	200
Zinc	313		23.4	120

Analysis Method:	6010B	Analysis Batch:	460-159555	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-159108	Lab File ID:	05072013A.asc
Dilution:	30			Initial Weight/Volume:	100 mL
Analysis Date:	05/07/2013 2057			Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	4870000		24600	150000

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-160190	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-160036	Lab File ID:	05102013A.asc
Dilution:	4.0			Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1544			Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	40.0	U	5.4	40.0
Aluminum	800	U	288	800
Arsenic	20.0	U	14.9	20.0
Barium	45.0	J	23.8	800

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B2 (GW)**

Lab Sample ID: 460-55458-9
Client Matrix: Water

Date Sampled: 05/03/2013 1400
Date Received: 05/03/2013 1700

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Beryllium	8.0	U	3.1	8.0
Calcium	251000		1220	20000
Cadmium	20.0	U	3.3	20.0
Cobalt	200	U	17.1	200
Chromium	40.0	U	17.8	40.0
Copper	100	U	31.4	100
Iron	600	U	294	600
Potassium	214000		2100	20000
Magnesium	645000		1290	20000
Manganese	60.0	U	17.2	60.0
Nickel	160	U	19.9	160
Lead	20.0	U	16.0	20.0
Antimony	40.0	U	29.4	40.0
Selenium	40.0	U	23.0	40.0
Thallium	40.0	U	21.0	40.0
Vanadium	200	U	16.2	200
Zinc	120	U	23.4	120

Analysis Method:	6010B	Analysis Batch:	460-160190	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-160036	Lab File ID:	05102013A.asc
Dilution:	30			Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1548			Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	4930000		24600	150000

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-159760	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-159713	Lab File ID:	159713HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	05/08/2013 2037			Final Weight/Volume:	30 mL
Prep Date:	05/08/2013 1715				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.79		0.16	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-159215	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-159159	Lab File ID:	159159hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	05/06/2013 1520			Final Weight/Volume:	30 mL
Prep Date:	05/06/2013 1238				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B2 (GW)**

Lab Sample ID: 460-55458-9

Client Matrix: Water

Date Sampled: 05/03/2013 1400

Date Received: 05/03/2013 1700

7470A Mercury (CVAA)-Dissolved

Client Sample ID: **B5 (GW)**

Lab Sample ID: 460-55458-10 Date Sampled: 05/03/2013 1300
Client Matrix: Water Date Received: 05/03/2013 1700

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-159555	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-159108	Lab File ID:	05072013A.asc
Dilution:	4.0			Initial Weight/Volume:	100 mL
Analysis Date:	05/07/2013 2101			Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1150		288	800
Antimony	40.0	U	29.4	40.0
Arsenic	20.0	U	14.9	20.0
Barium	49.9	J	23.8	800
Beryllium	8.0	U	3.1	8.0
Cadmium	20.0	U	3.3	20.0
Calcium	254000		1220	20000
Chromium	40.0	U	17.8	40.0
Cobalt	200	U	17.1	200
Copper	100	U	31.4	100
Iron	2100		294	600
Lead	66.8		16.0	20.0
Magnesium	764000		1290	20000
Manganese	69.5		17.2	60.0
Nickel	160	U	19.9	160
Potassium	255000		2100	20000
Selenium	40.0	U	23.0	40.0
Silver	40.0	U	5.4	40.0
Thallium	40.0	U	21.0	40.0
Vanadium	200	U	16.2	200
Zinc	43.6	J	23.4	120

Analysis Method:	6010B	Analysis Batch:	460-159555	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-159108	Lab File ID:	05072013A.asc
Dilution:	30			Initial Weight/Volume:	100 mL
Analysis Date:	05/07/2013 2104			Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	5830000		24600	150000

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-160190	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-160036	Lab File ID:	05102013A.asc
Dilution:	4.0			Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1552			Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	40.0	U	5.4	40.0
Aluminum	800	U	288	800
Arsenic	20.0	U	14.9	20.0
Barium	40.7	J	23.8	800

Client Sample ID: **B5 (GW)**

Lab Sample ID: 460-55458-10 Date Sampled: 05/03/2013 1300
Client Matrix: Water Date Received: 05/03/2013 1700

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Beryllium	8.0	U	3.1	8.0
Calcium	272000		1220	20000
Cadmium	20.0	U	3.3	20.0
Cobalt	200	U	17.1	200
Chromium	40.0	U	17.8	40.0
Copper	100	U	31.4	100
Iron	600	U	294	600
Potassium	265000		2100	20000
Magnesium	815000		1290	20000
Manganese	60.0	U	17.2	60.0
Nickel	160	U	19.9	160
Lead	20.0	U	16.0	20.0
Antimony	40.0	U	29.4	40.0
Selenium	40.0	U	23.0	40.0
Thallium	40.0	U	21.0	40.0
Vanadium	200	U	16.2	200
Zinc	120	U	23.4	120

Analysis Method:	6010B	Analysis Batch:	460-160190	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-160036	Lab File ID:	05102013A.asc
Dilution:	30			Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1556			Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	6090000		24600	150000

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-159760	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-159713	Lab File ID:	159713HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	05/08/2013 2041			Final Weight/Volume:	30 mL
Prep Date:	05/08/2013 1715				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.25		0.16	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-159215	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-159159	Lab File ID:	159159hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	05/06/2013 1521			Final Weight/Volume:	30 mL
Prep Date:	05/06/2013 1238				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Client Sample ID: **B5 (GW)**

Lab Sample ID: 460-55458-10

Client Matrix: Water

Date Sampled: 05/03/2013 1300

Date Received: 05/03/2013 1700

7470A Mercury (CVAA)-Dissolved

General Chemistry

Client Sample ID: **B1 (4.5-6.0)**

Lab Sample ID: 460-55458-2 Date Sampled: 05/03/2013 0830

Client Matrix: Solid Date Received: 05/03/2013 1700

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346					DryWt Corrected: N
Percent Solids	83.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346					DryWt Corrected: N

General Chemistry

Client Sample ID: **B2 (5-7)**

Lab Sample ID: 460-55458-3 Date Sampled: 05/03/2013 0945

Client Matrix: Solid Date Received: 05/03/2013 1700

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346						DryWt Corrected: N
Percent Solids	89.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346						DryWt Corrected: N

General Chemistry

Client Sample ID: **B3 (4.5-6)**

Lab Sample ID: 460-55458-4 Date Sampled: 05/03/2013 1000

Client Matrix: Solid Date Received: 05/03/2013 1700

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346						DryWt Corrected: N
Percent Solids	85.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346						DryWt Corrected: N

General Chemistry

Client Sample ID: **B4 (5-6.5)**

Lab Sample ID: 460-55458-5 Date Sampled: 05/03/2013 1045

Client Matrix: Solid Date Received: 05/03/2013 1700

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346						DryWt Corrected: N
Percent Solids	85.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346						DryWt Corrected: N

General Chemistry

Client Sample ID: **B5 (5-6.5)**

Lab Sample ID: 460-55458-6 Date Sampled: 05/03/2013 1135

Client Matrix: Solid Date Received: 05/03/2013 1700

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346						DryWt Corrected: N
Percent Solids	88.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346						DryWt Corrected: N

General Chemistry

Client Sample ID: **B6 (5-6.5)**

Lab Sample ID: 460-55458-7 Date Sampled: 05/03/2013 1200

Client Matrix: Solid Date Received: 05/03/2013 1700

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	17.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346						DryWt Corrected: N
Percent Solids	82.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-158980	Analysis Date: 05/04/2013 1346						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: Henningson, Durham & Richardson Job Number: 460-55458-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
GC Semi VOA		
	U	Analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
Metals		
	U	Indicates analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Sample result is greater than the MDL but below the CRDL
	N	Spiked sample recovery is not within control limits.

QUALITY CONTROL RESULTS

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-158922					
LB3 460-158922/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-55458-2	B1 (4.5-6.0)	T	Solid	5035	
460-55458-3	B2 (5-7)	T	Solid	5035	
460-55458-4	B3 (4.5-6)	T	Solid	5035	
460-55458-5	B4 (5-6.5)	T	Solid	5035	
460-55458-6	B5 (5-6.5)	T	Solid	5035	
460-55458-7	B6 (5-6.5)	T	Solid	5035	
Analysis Batch:460-159503					
LCS 460-159503/3	Lab Control Sample	T	Water	8260B	
MB 460-159503/4	Method Blank	T	Water	8260B	
460-55458-1FB	FB-1	T	Water	8260B	
460-55458-9	B2 (GW)	T	Water	8260B	
460-55458-10	B5 (GW)	T	Water	8260B	
460-55458-11TB	Trip Blank	T	Water	8260B	
Analysis Batch:460-159543					
LCS 460-159543/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-159543/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-159543/5	Method Blank	T	Solid	8260B	
LB3 460-158922/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260B	460-158922
460-55458-2	B1 (4.5-6.0)	T	Solid	8260B	460-158922
460-55458-3	B2 (5-7)	T	Solid	8260B	460-158922
460-55458-4	B3 (4.5-6)	T	Solid	8260B	460-158922
460-55458-5	B4 (5-6.5)	T	Solid	8260B	460-158922
460-55458-6	B5 (5-6.5)	T	Solid	8260B	460-158922
460-55458-7	B6 (5-6.5)	T	Solid	8260B	460-158922

Report Basis
T = Total

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-159104					
LCS 460-159104/2-A	Lab Control Sample	T	Solid	3541	
MB 460-159104/1-A	Method Blank	T	Solid	3541	
460-55458-2	B1 (4.5-6.0)	T	Solid	3541	
460-55458-3	B2 (5-7)	T	Solid	3541	
460-55458-4	B3 (4.5-6)	T	Solid	3541	
460-55458-5	B4 (5-6.5)	T	Solid	3541	
460-55458-6	B5 (5-6.5)	T	Solid	3541	
460-55458-7	B6 (5-6.5)	T	Solid	3541	
Prep Batch: 460-159128					
LCS 460-159128/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-159128/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-159128/1-A	Method Blank	T	Water	3510C	
460-55458-1FB	FB-1	T	Water	3510C	
Prep Batch: 460-159336					
LCS 460-159336/2-A	Lab Control Sample	T	Water	3510C	
MB 460-159336/1-A	Method Blank	T	Water	3510C	
460-55458-8	B7 (GW)	T	Water	3510C	
460-55458-9	B2 (GW)	T	Water	3510C	
460-55458-10	B5 (GW)	T	Water	3510C	
Analysis Batch:460-159419					
LCS 460-159128/2-A	Lab Control Sample	T	Water	8270C	460-159128
LCSD 460-159128/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-159128
MB 460-159128/1-A	Method Blank	T	Water	8270C	460-159128
Analysis Batch:460-159670					
LCS 460-159104/2-A	Lab Control Sample	T	Solid	8270C	460-159104
Analysis Batch:460-159874					
460-55458-1FB	FB-1	T	Water	8270C	460-159128
Analysis Batch:460-159878					
MB 460-159104/1-A	Method Blank	T	Solid	8270C	460-159104
Analysis Batch:460-159891					
LCS 460-159336/2-A	Lab Control Sample	T	Water	8270C	460-159336
MB 460-159336/1-A	Method Blank	T	Water	8270C	460-159336
460-55458-8	B7 (GW)	T	Water	8270C	460-159336
460-55458-9	B2 (GW)	T	Water	8270C	460-159336
460-55458-10	B5 (GW)	T	Water	8270C	460-159336
Analysis Batch:460-160160					
460-55458-5	B4 (5-6.5)	T	Solid	8270C	460-159104

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-160167					
460-55458-2	B1 (4.5-6.0)	T	Solid	8270C	460-159104
460-55458-3	B2 (5-7)	T	Solid	8270C	460-159104
460-55458-4	B3 (4.5-6)	T	Solid	8270C	460-159104
460-55458-6	B5 (5-6.5)	T	Solid	8270C	460-159104
460-55458-7	B6 (5-6.5)	T	Solid	8270C	460-159104

Report Basis

T = Total

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-159071					
LCS 460-159071/2-A	Lab Control Sample	T	Solid	3546	
MB 460-159071/1-A	Method Blank	T	Solid	3546	
460-55458-2	B1 (4.5-6.0)	T	Solid	3546	
460-55458-3	B2 (5-7)	T	Solid	3546	
460-55458-4	B3 (4.5-6)	T	Solid	3546	
460-55458-5	B4 (5-6.5)	T	Solid	3546	
460-55458-6	B5 (5-6.5)	T	Solid	3546	
460-55458-7	B6 (5-6.5)	T	Solid	3546	
Prep Batch: 460-159075					
LCS 460-159075/2-A	Lab Control Sample	T	Solid	3546	
MB 460-159075/1-A	Method Blank	T	Solid	3546	
460-55458-3	B2 (5-7)	T	Solid	3546	
Analysis Batch:460-159211					
LCS 460-159071/2-A	Lab Control Sample	T	Solid	8082	460-159071
MB 460-159071/1-A	Method Blank	T	Solid	8082	460-159071
460-55458-2	B1 (4.5-6.0)	T	Solid	8082	460-159071
460-55458-3	B2 (5-7)	T	Solid	8082	460-159071
460-55458-4	B3 (4.5-6)	T	Solid	8082	460-159071
460-55458-5	B4 (5-6.5)	T	Solid	8082	460-159071
460-55458-6	B5 (5-6.5)	T	Solid	8082	460-159071
460-55458-7	B6 (5-6.5)	T	Solid	8082	460-159071
Analysis Batch:460-159483					
LCS 460-159589/2-A	Lab Control Sample	T	Water	8082	460-159589
LCSD 460-159589/3-A	Lab Control Sample Duplicate	T	Water	8082	460-159589
MB 460-159589/1-A	Method Blank	T	Water	8082	460-159589
460-55458-1FB	FB-1	T	Water	8082	460-159589
460-55458-8	B7 (GW)	T	Water	8082	460-159589
460-55458-9	B2 (GW)	T	Water	8082	460-159589
460-55458-10	B5 (GW)	T	Water	8082	460-159589
Prep Batch: 460-159589					
LCS 460-159589/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-159589/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-159589/1-A	Method Blank	T	Water	3510C	
460-55458-1FB	FB-1	T	Water	3510C	
460-55458-8	B7 (GW)	T	Water	3510C	
460-55458-9	B2 (GW)	T	Water	3510C	
460-55458-10	B5 (GW)	T	Water	3510C	
Analysis Batch:460-159605					
LCS 460-159075/2-A	Lab Control Sample	T	Solid	8081A	460-159075
MB 460-159075/1-A	Method Blank	T	Solid	8081A	460-159075

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-160799					
460-55458-3	B2 (5-7)	T	Solid	8081A	460-159075

Report Basis

T = Total

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-159036					
LCSSRM 460-159036/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-159036/1-A ^2	Method Blank	T	Solid	3050B	
460-55458-2	B1 (4.5-6.0)	T	Solid	3050B	
460-55458-3	B2 (5-7)	T	Solid	3050B	
460-55458-4	B3 (4.5-6)	T	Solid	3050B	
460-55458-5	B4 (5-6.5)	T	Solid	3050B	
460-55458-6	B5 (5-6.5)	T	Solid	3050B	
460-55458-7	B6 (5-6.5)	T	Solid	3050B	
Prep Batch: 460-159108					
LCS 460-159108/2-A	Lab Control Sample	T	Water	3010A	
MB 460-159108/1-A	Method Blank	T	Water	3010A	
460-55458-1FB	FB-1	T	Water	3010A	
460-55458-8	B7 (GW)	T	Water	3010A	
460-55458-8DU	Duplicate	T	Water	3010A	
460-55458-8MS	Matrix Spike	T	Water	3010A	
460-55458-9	B2 (GW)	T	Water	3010A	
460-55458-10	B5 (GW)	T	Water	3010A	
Prep Batch: 460-159132					
LCSSRM 460-159132/2-A ^50	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-159132/1-A	Method Blank	T	Solid	7471A	
460-55458-2	B1 (4.5-6.0)	T	Solid	7471A	
460-55458-3	B2 (5-7)	T	Solid	7471A	
460-55458-4	B3 (4.5-6)	T	Solid	7471A	
460-55458-5	B4 (5-6.5)	T	Solid	7471A	
460-55458-6	B5 (5-6.5)	T	Solid	7471A	
460-55458-7	B6 (5-6.5)	T	Solid	7471A	
Prep Batch: 460-159159					
LCS 460-159159/2-A	Lab Control Sample	T	Water	7470A	
MB 460-159149/1-B	Method Blank	D	Water	7470A	
460-55458-8	B7 (GW)	D	Water	7470A	
460-55458-9	B2 (GW)	D	Water	7470A	
460-55458-10	B5 (GW)	D	Water	7470A	
Analysis Batch:460-159201					
LCSSRM 460-159036/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-159036
MB 460-159036/1-A ^2	Method Blank	T	Solid	6010B	460-159036
460-55458-2	B1 (4.5-6.0)	T	Solid	6010B	460-159036
460-55458-3	B2 (5-7)	T	Solid	6010B	460-159036
460-55458-4	B3 (4.5-6)	T	Solid	6010B	460-159036
460-55458-5	B4 (5-6.5)	T	Solid	6010B	460-159036
460-55458-6	B5 (5-6.5)	T	Solid	6010B	460-159036
460-55458-7	B6 (5-6.5)	T	Solid	6010B	460-159036

Client: Henningson, Durham & Richardson Job Number: 460-55458-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-159215					
LCS 460-159159/2-A	Lab Control Sample	T	Water	7470A	460-159159
MB 460-159149/1-B	Method Blank	D	Water	7470A	460-159159
460-55458-8	B7 (GW)	D	Water	7470A	460-159159
460-55458-9	B2 (GW)	D	Water	7470A	460-159159
460-55458-10	B5 (GW)	D	Water	7470A	460-159159
Analysis Batch:460-159225					
LCSSRM 460-159132/2-A ^50	LCS-Certified Reference Material	T	Solid	7471A	460-159132
MB 460-159132/1-A	Method Blank	T	Solid	7471A	460-159132
460-55458-2	B1 (4.5-6.0)	T	Solid	7471A	460-159132
460-55458-3	B2 (5-7)	T	Solid	7471A	460-159132
460-55458-4	B3 (4.5-6)	T	Solid	7471A	460-159132
460-55458-5	B4 (5-6.5)	T	Solid	7471A	460-159132
460-55458-6	B5 (5-6.5)	T	Solid	7471A	460-159132
460-55458-7	B6 (5-6.5)	T	Solid	7471A	460-159132
Analysis Batch:460-159555					
LCS 460-159108/2-A	Lab Control Sample	T	Water	6010B	460-159108
MB 460-159108/1-A	Method Blank	T	Water	6010B	460-159108
460-55458-1FB	FB-1	T	Water	6010B	460-159108
460-55458-8	B7 (GW)	T	Water	6010B	460-159108
460-55458-8DU	Duplicate	T	Water	6010B	460-159108
460-55458-8MS	Matrix Spike	T	Water	6010B	460-159108
460-55458-9	B2 (GW)	T	Water	6010B	460-159108
460-55458-10	B5 (GW)	T	Water	6010B	460-159108
Analysis Batch:460-159646					
460-55458-8	B7 (GW)	T	Water	6010B	460-159108
460-55458-8DU	Duplicate	T	Water	6010B	460-159108
460-55458-8MS	Matrix Spike	T	Water	6010B	460-159108
Prep Batch: 460-159713					
LCS 460-159713/12-A	Lab Control Sample	T	Water	7470A	
MB 460-159713/11-A	Method Blank	T	Water	7470A	
460-55458-1FB	FB-1	T	Water	7470A	
460-55458-8	B7 (GW)	T	Water	7470A	
460-55458-9	B2 (GW)	T	Water	7470A	
460-55458-10	B5 (GW)	T	Water	7470A	

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-159760					
LCS 460-159713/12-A	Lab Control Sample	T	Water	7470A	460-159713
MB 460-159713/11-A	Method Blank	T	Water	7470A	460-159713
460-55458-1FB	FB-1	T	Water	7470A	460-159713
460-55458-8	B7 (GW)	T	Water	7470A	460-159713
460-55458-9	B2 (GW)	T	Water	7470A	460-159713
460-55458-10	B5 (GW)	T	Water	7470A	460-159713
Prep Batch: 460-160036					
LCS 460-160036/2-A	Lab Control Sample	T	Water	3010A	
MB 460-160035/1-B	Method Blank	D	Water	3010A	
460-55458-8	B7 (GW)	D	Water	3010A	
460-55458-8DU	Duplicate	D	Water	3010A	
460-55458-8MS	Matrix Spike	D	Water	3010A	
460-55458-9	B2 (GW)	D	Water	3010A	
460-55458-10	B5 (GW)	D	Water	3010A	
Analysis Batch:460-160137					
LCS 460-160036/2-A	Lab Control Sample	T	Water	6010B	460-160036
MB 460-160035/1-B	Method Blank	D	Water	6010B	460-160036
Analysis Batch:460-160190					
MB 460-160035/1-B	Method Blank	D	Water	6010B	460-160036
460-55458-8	B7 (GW)	D	Water	6010B	460-160036
460-55458-8DU	Duplicate	D	Water	6010B	460-160036
460-55458-9	B2 (GW)	D	Water	6010B	460-160036
460-55458-10	B5 (GW)	D	Water	6010B	460-160036
Analysis Batch:460-160231					
460-55458-8MS	Matrix Spike	D	Water	6010B	460-160036

Report Basis

D = Dissolved

T = Total

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-158980					
460-55458-2	B1 (4.5-6.0)	T	Solid	Moisture	
460-55458-3	B2 (5-7)	T	Solid	Moisture	
460-55458-4	B3 (4.5-6)	T	Solid	Moisture	
460-55458-5	B4 (5-6.5)	T	Solid	Moisture	
460-55458-6	B5 (5-6.5)	T	Solid	Moisture	
460-55458-7	B6 (5-6.5)	T	Solid	Moisture	

Report Basis

T = Total

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DCA %Rec	TOL %Rec
460-55458-2	B1 (4.5-6.0)	83	96	83
460-55458-3	B2 (5-7)	92	107	93
460-55458-4	B3 (4.5-6)	88	98	87
460-55458-5	B4 (5-6.5)	88	97	85
460-55458-6	B5 (5-6.5)	107	113	102
460-55458-7	B6 (5-6.5)	118	113	103

Surrogate	Acceptance Limits
BFB = Bromofluorobenzene	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
MB 460-159543/5		115	91	95
LB3 460-158922/1-A		108	93	92
LCS 460-159543/3		109	99	95
LCSD 460-159543/4		111	95	91

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-55458-1	FB-1	109	92	93
460-55458-9	B2 (GW)	120	91	92
460-55458-10	B5 (GW)	118	91	89
460-55458-11	Trip Blank	113	92	93
MB 460-159503/4		110	90	92
LCS 460-159503/3		106	93	95

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
460-55458-2	B1 (4.5-6.0)	84	76	73	81	88	62
460-55458-3	B2 (5-7)	54	59	52	71	119	59
460-55458-4	B3 (4.5-6)	54	53	50	63	112	64
460-55458-5	B4 (5-6.5)	57	59	50	70	148	83
460-55458-6	B5 (5-6.5)	77	58	56	59	61	54
460-55458-7	B6 (5-6.5)	72	52	56	54	61	46

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl	40-109
2FP = 2-Fluorophenol	37-125
NBZ = Nitrobenzene-d5	38-105
PHL = Phenol-d5	41-118
TPH = Terphenyl-d14	16-151
TBP = 2,4,6-Tribromophenol	10-120

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec	2FP %Rec	FBP %Rec
MB 460-159104/1-A		90	92	120	93	79	93
LCS 460-159104/2-A		69	76	74	75	74	78

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5	38-105
PHL = Phenol-d5	41-118
TPH = Terphenyl-d14	16-151
TBP = 2,4,6-Tribromophenol	10-120
2FP = 2-Fluorophenol	37-125
FBP = 2-Fluorobiphenyl	40-109

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec	2FP %Rec	FBP %Rec
460-55458-1	FB-1	87	31	103	95	48	91
460-55458-8	B7 (GW)	88	41	103	99	48	89
460-55458-9	B2 (GW)	82	40	96	94	50	84
460-55458-10	B5 (GW)	92	41	105	95	49	90
MB 460-159128/1-A		102	40	115	120	60	99
MB 460-159336/1-A		78	32	90	86	47	71
LCS 460-159128/2-A		92	34	103	109	51	89
LCS 460-159336/2-A		101	37	110	109	58	90
LCSD 460-159128/3-A		86	34	99	107	50	88

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5	60-114
PHL = Phenol-d5	4-86
TPH = Terphenyl-d14	72-130
TBP = 2,4,6-Tribromophenol	51-126
2FP = 2-Fluorophenol	15-96
FBP = 2-Fluorobiphenyl	50-120

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Surrogate Recovery Report

8081A Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-55458-3	B2 (5-7)	95	105	105	110
MB 460-159075/1-A		131	130	141	137
LCS 460-159075/2-A		124	121	130	122

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	37-150
DCB = DCB Decachlorobiphenyl	60-150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-55458-2	B1 (4.5-6.0)	99	109
460-55458-3	B2 (5-7)	99	103
460-55458-4	B3 (4.5-6)	96	100
460-55458-5	B4 (5-6.5)	107	108
460-55458-6	B5 (5-6.5)	79	87
460-55458-7	B6 (5-6.5)	81	88
MB 460-159071/1-A		96	97
LCS 460-159071/2-A		97	98

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	45-138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-55458-1	FB-1	115	104
460-55458-8	B7 (GW)	132	133
460-55458-9	B2 (GW)	110	116
460-55458-10	B5 (GW)	142	142
MB 460-159589/1-A		115	110
LCS 460-159589/2-A		145	130
LCSD 460-159589/3-A		127	114

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	37-150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-158922

Method: 8260B
Preparation: 5035

Lab Sample ID:	LB3 460-158922/1-A	Analysis Batch:	460-159543	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-158922	Lab File ID:	d32631.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/08/2013 1711	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	05/03/2013 2254				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	4.07	J	1.7	10
Bromomethane	1.0	U	0.43	1.0
Carbon disulfide	1.0	U	0.15	1.0
Chloroethane	1.0	U	0.33	1.0
Chloroform	1.0	U	0.24	1.0
Chloromethane	1.0	U	0.16	1.0
cis-1,2-Dichloroethene	1.0	U	0.11	1.0
1,1-Dichloroethane	1.0	U	0.11	1.0
1,2-Dichloroethane	1.0	U	0.18	1.0
Carbon tetrachloride	1.0	U	0.15	1.0
Bromodichloromethane	1.0	U	0.32	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,2-Dichloropropane	1.0	U	0.15	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.10	1.0
Methylene Chloride	1.0	U	0.15	1.0
Benzene	1.0	U	0.15	1.0
Methyl Ethyl Ketone	10	U	0.63	10
1,2-Dichloroethene, Total	2.0	U	0.20	2.0
Bromoform	1.0	U	0.17	1.0
Methyl isobutyl ketone (MIBK)	10	U	0.20	10
2-Hexanone	10	U	0.13	10
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.14	1.0
Chlorobenzene	1.0	U	0.18	1.0
Ethylbenzene	1.0	U	0.17	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.10	1.0
1,1,1-Trichloroethane	1.0	U	0.13	1.0
Styrene	1.0	U	0.28	1.0
1,1,2-Trichloroethane	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.12	1.0
Vinyl chloride	1.0	U	0.34	1.0
Xylenes, Total	3.0	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	70 - 130
Toluene-d8 (Surr)	93	70 - 130
Bromofluorobenzene	92	70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159503

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-159503/4	Analysis Batch:	460-159503	Instrument ID:	VOAMS10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	r02078.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/07/2013 2314	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/07/2013 2314				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	5.0	U	2.7	5.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.17	1.0
Chloroform	1.0	U	0.080	1.0
Chloromethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.20	1.0
Methylene Chloride	1.0	U	0.18	1.0
2-Butanone	5.0	U	2.3	5.0
Benzene	1.0	U	0.080	1.0
1,2-Dichloroethene, Total	2.0	U	0.29	2.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Styrene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.090	1.0
Vinyl chloride	1.0	U	0.14	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	70 - 130
Toluene-d8 (Surr)	90	70 - 130
Bromofluorobenzene	92	70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample - Batch: 460-159503

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-159503/3	Analysis Batch:	460-159503	Instrument ID:	VOAMS10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	r02076.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/07/2013 2209	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/07/2013 2209				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	14.6	73	45 - 156	
Bromomethane	20.0	21.3	107	55 - 153	
Carbon disulfide	20.0	20.3	102	58 - 139	
Chloroethane	20.0	20.7	104	69 - 145	
Chloroform	20.0	22.7	113	82 - 123	
Chloromethane	20.0	19.1	95	58 - 146	
cis-1,2-Dichloroethene	20.0	20.0	100	80 - 120	
1,1-Dichloroethane	20.0	21.0	105	78 - 122	
1,2-Dichloroethane	20.0	23.1	116	74 - 118	
Carbon tetrachloride	20.0	22.9	114	73 - 120	
Bromodichloromethane	20.0	20.3	102	79 - 119	
1,1-Dichloroethene	20.0	22.9	115	56 - 139	
1,2-Dichloropropane	20.0	19.9	99	80 - 120	
cis-1,3-Dichloropropene	20.0	20.3	102	80 - 120	
Dibromochloromethane	20.0	19.4	97	80 - 120	
Methylene Chloride	20.0	19.9	99	79 - 119	
2-Butanone	20.0	19.1	96	65 - 114	
Benzene	20.0	21.1	106	83 - 124	
Bromoform	20.0	17.7	89	73 - 123	
4-Methyl-2-pentanone	20.0	19.3	97	53 - 120	
2-Hexanone	20.0	18.4	92	53 - 121	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	74 - 126	
Tetrachloroethene	20.0	20.5	103	68 - 139	
Toluene	20.0	21.6	108	80 - 120	
Chlorobenzene	20.0	20.4	102	81 - 121	
Ethylbenzene	20.0	20.7	104	79 - 126	
trans-1,2-Dichloroethene	20.0	19.7	99	75 - 122	
trans-1,3-Dichloropropene	20.0	19.9	99	78 - 118	
1,1,1-Trichloroethane	20.0	22.9	115	74 - 128	
Styrene	20.0	21.7	109	69 - 112	
1,1,2-Trichloroethane	20.0	19.4	97	79 - 119	
Trichloroethene	20.0	21.2	106	78 - 119	
Vinyl chloride	20.0	23.7	118	61 - 144	
Xylenes, Total	60.0	65.0	108	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 130
Toluene-d8 (Surr)	93	70 - 130
Bromofluorobenzene	95	70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159543

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-159543/5	Analysis Batch:	460-159543	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d32610.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/08/2013 0848	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	4.27	J	1.7	10
Bromomethane	1.0	U	0.43	1.0
Carbon disulfide	1.0	U	0.15	1.0
Chloroethane	1.0	U	0.33	1.0
Chloroform	1.0	U	0.24	1.0
Chloromethane	1.0	U	0.16	1.0
cis-1,2-Dichloroethene	1.0	U	0.11	1.0
1,1-Dichloroethane	1.0	U	0.11	1.0
1,2-Dichloroethane	1.0	U	0.18	1.0
Carbon tetrachloride	1.0	U	0.15	1.0
Bromodichloromethane	1.0	U	0.32	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,2-Dichloropropane	1.0	U	0.15	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.10	1.0
Methylene Chloride	1.0	U	0.15	1.0
Benzene	1.0	U	0.15	1.0
Methyl Ethyl Ketone	10	U	0.63	10
1,2-Dichloroethene, Total	2.0	U	0.20	2.0
Bromoform	1.0	U	0.17	1.0
Methyl isobutyl ketone (MIBK)	10	U	0.20	10
2-Hexanone	10	U	0.13	10
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.14	1.0
Chlorobenzene	1.0	U	0.18	1.0
Ethylbenzene	1.0	U	0.17	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.10	1.0
1,1,1-Trichloroethane	1.0	U	0.13	1.0
Styrene	1.0	U	0.28	1.0
1,1,2-Trichloroethane	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.12	1.0
Vinyl chloride	1.0	U	0.34	1.0
Xylenes, Total	3.0	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	70 - 130
Toluene-d8 (Surr)	91	70 - 130
Bromofluorobenzene	95	70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-159543

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-159543/3	Analysis Batch:	460-159543	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d32606.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/08/2013 0621	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-159543/4	Analysis Batch:	460-159543	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d32607.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/08/2013 0724	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	137	116	27 - 164	16	30		
Bromomethane	90	82	54 - 142	9	30		
Carbon disulfide	94	85	72 - 128	10	30		
Chloroethane	88	80	56 - 146	10	30		
Chloroform	107	103	77 - 120	4	30		
Chloromethane	98	91	50 - 151	8	30		
cis-1,2-Dichloroethene	99	95	80 - 120	4	30		
1,1-Dichloroethane	105	100	76 - 125	5	30		
1,2-Dichloroethane	109	98	76 - 118	11	30		
Carbon tetrachloride	115	101	79 - 118	13	30		
Bromodichloromethane	107	100	79 - 119	7	30		
1,1-Dichloroethene	95	89	71 - 126	7	30		
1,2-Dichloropropane	95	92	82 - 122	4	30		
cis-1,3-Dichloropropene	80	76	80 - 123	6	30		*
Dibromochloromethane	87	86	68 - 120	1	30		
Methylene Chloride	98	90	74 - 137	8	30		
Benzene	96	93	77 - 117	3	30		
Methyl Ethyl Ketone	126	99	77 - 117	24	30	*	
Bromoform	99	85	59 - 125	15	30		
Methyl isobutyl ketone (MIBK)	88	85	68 - 120	4	30		
2-Hexanone	137	106	70 - 122	26	30	*	
1,1,2,2-Tetrachloroethane	89	85	79 - 122	5	30		
Tetrachloroethene	104	97	80 - 120	7	30		
Toluene	96	90	75 - 115	6	30		
Chlorobenzene	94	90	80 - 120	5	30		
Ethylbenzene	97	93	81 - 121	4	30		
trans-1,2-Dichloroethene	107	102	75 - 122	5	30		
trans-1,3-Dichloropropene	81	76	67 - 121	6	30		
1,1,1-Trichloroethane	120	116	78 - 117	4	30	*	
Styrene	95	86	82 - 122	10	30		
1,1,2-Trichloroethane	97	90	73 - 118	8	30		
Trichloroethene	101	95	79 - 119	6	30		
Vinyl chloride	98	89	67 - 133	10	30		
Xylenes, Total	98	93	82 - 122	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	111	70 - 130
Toluene-d8 (Surr)	99	95	70 - 130
Bromofluorobenzene	95	91	70 - 130

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159104

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-159104/1-A	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159104	Lab File ID:	u87094.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/08/2013 1853	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bis(2-chloroethyl)ether	33	U	4.5	33
4-Chloro-3-methylphenol	330	U	50	330
2-Chlorophenol	330	U	44	330
Bis(2-chloroethoxy)methane	330	U	43	330
1,2-Dichlorobenzene	330	U	38	330
1,3-Dichlorobenzene	330	U	30	330
1,4-Dichlorobenzene	330	U	37	330
4-Chloroaniline	330	U	88	330
2,4-Dichlorophenol	330	U	48	330
2,4-Dimethylphenol	330	U	82	330
2-Chloronaphthalene	330	U	37	330
Dimethyl phthalate	330	U	39	330
4,6-Dinitro-2-methylphenol	1000	U	90	1000
Acenaphthylene	330	U	39	330
2,4-Dinitrophenol	1000	U	190	1000
2,6-Dinitrotoluene	67	U	10	67
Acenaphthene	330	U	48	330
Dibenzofuran	330	U	39	330
2,4-Dinitrotoluene	67	U	11	67
Diethyl phthalate	330	U	39	330
4-Chlorophenyl phenyl ether	330	U	39	330
Fluorene	330	U	42	330
Hexachlorobutadiene	67	U	8.1	67
4-Bromophenyl phenyl ether	330	U	33	330
Hexachlorocyclopentadiene	330	U	39	330
Hexachlorobenzene	33	U	4.5	33
Hexachloroethane	33	U	3.7	33
Anthracene	330	U	40	330
Isophorone	330	U	40	330
2-Methylnaphthalene	330	U	43	330
Carbazole	330	U	39	330
2-Methylphenol	330	U	56	330
Di-n-butyl phthalate	330	U	41	330
4-Methylphenol	330	U	65	330
Fluoranthene	330	U	44	330
Naphthalene	330	U	38	330
2-Nitroaniline	670	U	140	670
Butyl benzyl phthalate	330	U	30	330
3,3'-Dichlorobenzidine	670	U	120	670
3-Nitroaniline	670	U	120	670
4-Nitroaniline	670	U	100	670
Benzo[a]anthracene	33	U	2.3	33
Chrysene	330	U	39	330
Nitrobenzene	33	U	4.7	33
Bis(2-ethylhexyl) phthalate	330	U	110	330

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159104

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-159104/1-A	Analysis Batch:	460-159878	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159104	Lab File ID:	u87094.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/08/2013 1853	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Nitrophenol	330	U	37	330
Di-n-octyl phthalate	330	U	21	330
4-Nitrophenol	1000	U	210	1000
Benzo[b]fluoranthene	33	U	2.1	33
Benzo[k]fluoranthene	33	U	2.5	33
N-Nitrosodi-n-propylamine	33	U	5.5	33
Benzo[a]pyrene	33	U	2.3	33
N-Nitrosodiphenylamine	330	U	33	330
Indeno[1,2,3-cd]pyrene	33	U	6.2	33
Dibenz(a,h)anthracene	33	U	4.2	33
Pentachlorophenol	1000	U	99	1000
Benzo[g,h,i]perylene	330	U	25	330
Phenanthrene	330	U	42	330
Benzyl alcohol	330	U	48	330
Phenol	330	U	44	330
Pyrene	330	U	28	330
1,2,4-Trichlorobenzene	33	U	3.8	33
2,4,5-Trichlorophenol	330	U	43	330
2,2'-oxybis[1-chloropropane]	330	U	37	330
2,4,6-Trichlorophenol	330	U	39	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	90	38 - 105
Phenol-d5	92	41 - 118
Terphenyl-d14	120	16 - 151
2,4,6-Tribromophenol	93	10 - 120
2-Fluorophenol	79	37 - 125
2-Fluorobiphenyl	93	40 - 109

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample - Batch: 460-159104

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-159104/2-A	Analysis Batch:	460-159670	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159104	Lab File ID:	u87068.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/08/2013 0548	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bis(2-chloroethyl)ether	3330	3150	95	44 - 101	
4-Chloro-3-methylphenol	6670	5890	88	55 - 117	
2-Chlorophenol	6670	5720	86	56 - 110	
Bis(2-chloroethoxy)methane	3330	2790	84	51 - 100	
1,2-Dichlorobenzene	3330	2570	77	48 - 87	
1,3-Dichlorobenzene	3330	2590	78	47 - 84	
1,4-Dichlorobenzene	3330	2620	79	47 - 85	
4-Chloroaniline	3330	1710	51	10 - 96	
2,4-Dichlorophenol	6670	6160	92	58 - 115	
2,4-Dimethylphenol	6670	5540	83	56 - 112	
2-Chloronaphthalene	3330	2900	87	51 - 102	
Dimethyl phthalate	3330	2900	87	52 - 112	
4,6-Dinitro-2-methylphenol	6670	3210	48	10 - 110	
Acenaphthylene	3330	3130	94	51 - 103	
2,4-Dinitrophenol	6670	2850	43	10 - 129	
2,6-Dinitrotoluene	3330	3070	92	51 - 115	
Acenaphthene	3330	2800	84	46 - 100	
Dibenzofuran	3330	3150	94	52 - 106	
2,4-Dinitrotoluene	3330	3120	93	53 - 110	
Diethyl phthalate	3330	2760	83	52 - 114	
4-Chlorophenyl phenyl ether	3330	2910	87	50 - 106	
Fluorene	3330	3050	92	51 - 108	
Hexachlorobutadiene	3330	2410	72	45 - 98	
4-Bromophenyl phenyl ether	3330	2550	77	44 - 102	
Hexachlorocyclopentadiene	3330	1840	55	24 - 98	
Hexachlorobenzene	3330	2530	76	43 - 104	
Hexachloroethane	3330	2490	75	45 - 90	
Anthracene	3330	2900	87	50 - 107	
Isophorone	3330	2770	83	48 - 97	
2-Methylnaphthalene	3330	2530	76	51 - 98	
Carbazole	3330	2640	79	49 - 104	
2-Methylphenol	6670	5740	86	54 - 117	
Di-n-butyl phthalate	3330	2610	78	50 - 108	
4-Methylphenol	6670	5410	81	47 - 103	
Fluoranthene	3330	2670	80	49 - 108	
Naphthalene	3330	2650	79	53 - 94	
2-Nitroaniline	3330	2650	80	51 - 109	
Butyl benzyl phthalate	3330	2880	86	49 - 117	
3,3'-Dichlorobenzidine	3330	1190	36	24 - 105	
3-Nitroaniline	3330	1960	59	32 - 104	
4-Nitroaniline	3330	2480	74	45 - 106	

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample - Batch: 460-159104

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-159104/2-A	Analysis Batch:	460-159670	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-159104	Lab File ID:	u87068.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/08/2013 0548	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/06/2013 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzo[a]anthracene	3330	2640	79	46 - 112	
Chrysene	3330	2690	81	45 - 114	
Nitrobenzene	3330	2600	78	42 - 106	
Bis(2-ethylhexyl) phthalate	3330	2960	89	49 - 119	
2-Nitrophenol	6670	5820	87	55 - 101	
Di-n-octyl phthalate	3330	3330	100	40 - 106	
4-Nitrophenol	6670	6490	97	45 - 114	
Benzo[b]fluoranthene	3330	2750	83	33 - 96	
Benzo[k]fluoranthene	3330	2750	83	35 - 115	
N-Nitrosodi-n-propylamine	3330	2910	87	42 - 107	
Benzo[a]pyrene	3330	2850	86	36 - 89	
N-Nitrosodiphenylamine	3330	2810	84	49 - 106	
Indeno[1,2,3-cd]pyrene	3330	2530	76	43 - 109	
Dibenz(a,h)anthracene	3330	2520	76	43 - 107	
Pentachlorophenol	6670	4050	61	19 - 113	
Benzo[g,h,i]perylene	3330	2130	64	43 - 106	
Phenanthrene	3330	2700	81	48 - 108	
Benzyl alcohol	3330	3020	91	51 - 104	
Phenol	6670	5580	84	54 - 115	
Pyrene	3330	3150	94	49 - 116	
1,2,4-Trichlorobenzene	3330	2770	83	48 - 94	
2,4,5-Trichlorophenol	6670	6890	103	50 - 115	
2,2'-oxybis[1-chloropropane]	3330	2650	80	45 - 102	
2,4,6-Trichlorophenol	6670	5670	85	53 - 118	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	69	38 - 105
Phenol-d5	76	41 - 118
Terphenyl-d14	74	16 - 151
2,4,6-Tribromophenol	75	10 - 120
2-Fluorophenol	74	37 - 125
2-Fluorobiphenyl	78	40 - 109

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159128

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-159128/1-A	Analysis Batch:	460-159419	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-159128	Lab File ID:	m64658.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/07/2013 1137	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/06/2013 1054			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
4-Chloro-3-methylphenol	10	U	1.1	10
2-Chlorophenol	10	U	0.93	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
1,2-Dichlorobenzene	10	U	1.3	10
1,3-Dichlorobenzene	10	U	1.6	10
1,4-Dichlorobenzene	10	U	1.9	10
4-Chloroaniline	10	U	1.3	10
2,4-Dichlorophenol	10	U	1.1	10
2,4-Dimethylphenol	10	U	1.2	10
2-Chloronaphthalene	10	U	1.3	10
Dimethyl phthalate	10	U	1.1	10
4,6-Dinitro-2-methylphenol	30	U	3.0	30
Acenaphthylene	10	U	1.8	10
2,4-Dinitrophenol	30	U	2.0	30
2,6-Dinitrotoluene	2.0	U	0.27	2.0
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
Hexachlorobutadiene	2.0	U	0.68	2.0
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorocyclopentadiene	10	U	1.5	10
Hexachlorobenzene	1.0	U	0.20	1.0
Hexachloroethane	1.0	U	0.15	1.0
Anthracene	10	U	0.85	10
Isophorone	10	U	1.3	10
2-Methylnaphthalene	10	U	1.5	10
Carbazole	10	U	1.2	10
2-Methylphenol	10	U	1.4	10
Di-n-butyl phthalate	10	U	1.0	10
4-Methylphenol	10	U	1.0	10
Fluoranthene	10	U	1.1	10
Naphthalene	10	U	2.0	10
2-Nitroaniline	20	U	2.0	20
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	20	U	3.2	20
3-Nitroaniline	20	U	2.9	20
4-Nitroaniline	20	U	2.9	20
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	10	U	1.4	10
Nitrobenzene	1.0	U	0.34	1.0
Bis(2-ethylhexyl) phthalate	10	U	0.81	10

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159128

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-159128/1-A	Analysis Batch:	460-159419	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-159128	Lab File ID:	m64658.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/07/2013 1137	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/06/2013 1054			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Nitrophenol	10	U	0.68	10
Di-n-octyl phthalate	10	U	0.88	10
4-Nitrophenol	30	U	2.0	30
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
N-Nitrosodiphenylamine	10	U	1.0	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Pentachlorophenol	30	U	2.7	30
Benzo[g,h,i]perylene	10	U	0.93	10
Phenanthrene	10	U	1.2	10
Benzyl alcohol	10	U	1.1	10
Phenol	10	U	0.60	10
Pyrene	10	U	1.1	10
1,2,4-Trichlorobenzene	1.0	U	0.19	1.0
2,4,5-Trichlorophenol	10	U	2.2	10
2,2'-oxybis[1-chloropropane]	10	U	1.3	10
2,4,6-Trichlorophenol	10	U	1.4	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	102	60 - 114
Phenol-d5	40	4 - 86
Terphenyl-d14	115	72 - 130
2,4,6-Tribromophenol	120	51 - 126
2-Fluorophenol	60	15 - 96
2-Fluorobiphenyl	99	50 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-159128

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-159128/2-A	Analysis Batch:	460-159419	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-159128	Lab File ID:	m64659.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/07/2013 1158	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/06/2013 1054			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-159128/3-A	Analysis Batch:	460-159419	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-159128	Lab File ID:	m64660.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/07/2013 1220	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/06/2013 1054			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Bis(2-chloroethyl)ether	92	87	43 - 104	6	30		
4-Chloro-3-methylphenol	98	93	50 - 120	5	30		
2-Chlorophenol	93	90	43 - 117	4	30		
Bis(2-chloroethoxy)methane	93	95	50 - 119	2	30		
1,2-Dichlorobenzene	96	93	36 - 115	4	30		
1,3-Dichlorobenzene	97	93	32 - 113	4	30		
1,4-Dichlorobenzene	95	93	32 - 115	2	30		
4-Chloroaniline	81	88	31 - 123	8	30		
2,4-Dichlorophenol	94	91	57 - 114	3	30		
2,4-Dimethylphenol	89	92	31 - 119	3	30		
2-Chloronaphthalene	96	92	44 - 124	3	30		
Dimethyl phthalate	104	102	54 - 121	3	30		
4,6-Dinitro-2-methylphenol	107	108	52 - 132	1	30		
Acenaphthylene	99	96	46 - 122	3	30		
2,4-Dinitrophenol	115	111	28 - 142	3	30		
2,6-Dinitrotoluene	112	110	52 - 130	3	30		
Acenaphthene	98	82	47 - 114	17	30		
Dibenzofuran	102	97	46 - 122	5	30		
2,4-Dinitrotoluene	115	112	55 - 127	3	30		
Diethyl phthalate	113	109	51 - 122	3	30		
4-Chlorophenyl phenyl ether	102	99	48 - 120	4	30		
Fluorene	104	101	48 - 122	2	30		
Hexachlorobutadiene	87	89	37 - 109	3	30		
4-Bromophenyl phenyl ether	95	92	52 - 122	4	30		
Hexachlorocyclopentadiene	92	90	18 - 92	3	30		
Hexachlorobenzene	100	101	52 - 122	1	30		
Hexachloroethane	95	92	41 - 104	3	30		
Anthracene	99	100	54 - 120	1	30		
Isophorone	89	89	47 - 109	1	30		
2-Methylnaphthalene	92	88	46 - 111	4	30		
Carbazole	110	107	54 - 130	2	30		
2-Methylphenol	75	74	39 - 108	2	30		
Di-n-butyl phthalate	111	108	51 - 129	2	30		
4-Methylphenol	66	64	28 - 112	2	30		
Fluoranthene	107	105	55 - 121	2	30		

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-159128

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-159128/2-A	Analysis Batch:	460-159419	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-159128	Lab File ID:	m64659.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/07/2013 1158	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/06/2013 1054			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-159128/3-A	Analysis Batch:	460-159419	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-159128	Lab File ID:	m64660.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/07/2013 1220	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/06/2013 1054			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Naphthalene	92	90	44 - 120	1	30		
2-Nitroaniline	106	102	45 - 122	3	30		
Butyl benzyl phthalate	106	102	53 - 129	3	30		
3,3'-Dichlorobenzidine	91	94	55 - 128	3	30		
3-Nitroaniline	107	112	43 - 129	5	30		
4-Nitroaniline	125	127	49 - 133	1	30		
Benzo[a]anthracene	98	95	54 - 119	3	30		
Chrysene	106	95	53 - 116	10	30		
Nitrobenzene	90	87	47 - 115	3	30		
Bis(2-ethylhexyl) phthalate	104	99	53 - 121	4	30		
2-Nitrophenol	98	95	53 - 122	3	30		
Di-n-octyl phthalate	102	100	51 - 135	2	30		
4-Nitrophenol	48	48	10 - 123	1	30		
Benzo[b]fluoranthene	97	93	52 - 126	4	30		
Benzo[k]fluoranthene	95	94	52 - 122	1	30		
N-Nitrosodi-n-propylamine	103	97	43 - 124	6	30		
Benzo[a]pyrene	105	97	51 - 130	8	30		
N-Nitrosodiphenylamine	105	104	60 - 133	2	30		
Indeno[1,2,3-cd]pyrene	103	101	55 - 123	2	30		
Dibenz(a,h)anthracene	109	107	51 - 137	2	30		
Pentachlorophenol	106	99	39 - 125	7	30		
Benzo[g,h,i]perylene	105	105	55 - 124	0	30		
Phenanthrene	100	99	54 - 124	1	30		
Benzyl alcohol	83	81	40 - 117	3	30		
Phenol	40	38	10 - 98	4	30		
Pyrene	103	99	50 - 124	4	30		
1,2,4-Trichlorobenzene	94	95	46 - 111	1	30		
2,4,5-Trichlorophenol	101	96	53 - 122	5	30		
2,2'-oxybis[1-chloropropane]	103	95	45 - 118	8	30		
2,4,6-Trichlorophenol	97	99	45 - 132	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	92	86	60 - 114
Phenol-d5	34	34	4 - 86
Terphenyl-d14	103	99	72 - 130
2,4,6-Tribromophenol	109	107	51 - 126

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorophenol	51	50	15 - 96
2-Fluorobiphenyl	89	88	50 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159336

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-159336/1-A	Analysis Batch:	460-159891	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-159336	Lab File ID:	m64719.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/09/2013 0141	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/07/2013 1026			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
4-Chloro-3-methylphenol	10	U	1.1	10
2-Chlorophenol	10	U	0.93	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
1,2-Dichlorobenzene	10	U	1.3	10
1,3-Dichlorobenzene	10	U	1.6	10
1,4-Dichlorobenzene	10	U	1.9	10
4-Chloroaniline	10	U	1.3	10
2,4-Dichlorophenol	10	U	1.1	10
2,4-Dimethylphenol	10	U	1.2	10
2-Chloronaphthalene	10	U	1.3	10
Dimethyl phthalate	10	U	1.1	10
4,6-Dinitro-2-methylphenol	30	U	3.0	30
Acenaphthylene	10	U	1.8	10
2,4-Dinitrophenol	30	U	2.0	30
2,6-Dinitrotoluene	2.0	U	0.27	2.0
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
Hexachlorobutadiene	2.0	U	0.68	2.0
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorocyclopentadiene	10	U	1.5	10
Hexachlorobenzene	1.0	U	0.20	1.0
Hexachloroethane	1.0	U	0.15	1.0
Anthracene	10	U	0.85	10
Isophorone	10	U	1.3	10
2-Methylnaphthalene	10	U	1.5	10
Carbazole	10	U	1.2	10
2-Methylphenol	10	U	1.4	10
Di-n-butyl phthalate	10	U	1.0	10
4-Methylphenol	10	U	1.0	10
Fluoranthene	10	U	1.1	10
Naphthalene	10	U	2.0	10
2-Nitroaniline	20	U	2.0	20
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	20	U	3.2	20
3-Nitroaniline	20	U	2.9	20
4-Nitroaniline	20	U	2.9	20
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	10	U	1.4	10
Nitrobenzene	1.0	U	0.34	1.0
Bis(2-ethylhexyl) phthalate	10	U	0.81	10

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159336

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-159336/1-A	Analysis Batch:	460-159891	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-159336	Lab File ID:	m64719.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/09/2013 0141	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/07/2013 1026			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Nitrophenol	10	U	0.68	10
Di-n-octyl phthalate	10	U	0.88	10
4-Nitrophenol	30	U	2.0	30
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
N-Nitrosodiphenylamine	10	U	1.0	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Pentachlorophenol	30	U	2.7	30
Benzo[g,h,i]perylene	10	U	0.93	10
Phenanthrene	10	U	1.2	10
Benzyl alcohol	10	U	1.1	10
Phenol	10	U	0.60	10
Pyrene	10	U	1.1	10
1,2,4-Trichlorobenzene	1.0	U	0.19	1.0
2,4,5-Trichlorophenol	10	U	2.2	10
2,2'-oxybis[1-chloropropane]	10	U	1.3	10
2,4,6-Trichlorophenol	10	U	1.4	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	78	60 - 114
Phenol-d5	32	4 - 86
Terphenyl-d14	90	72 - 130
2,4,6-Tribromophenol	86	51 - 126
2-Fluorophenol	47	15 - 96
2-Fluorobiphenyl	71	50 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample - Batch: 460-159336

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-159336/2-A	Analysis Batch:	460-159891	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-159336	Lab File ID:	m64717.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/09/2013 0053	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/07/2013 1026			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bis(2-chloroethyl)ether	80.0	72.0	90	43 - 104	
4-Chloro-3-methylphenol	80.0	79.4	99	50 - 120	
2-Chlorophenol	80.0	74.5	93	43 - 117	
Bis(2-chloroethoxy)methane	80.0	80.5	101	50 - 119	
1,2-Dichlorobenzene	80.0	72.4	90	36 - 115	
1,3-Dichlorobenzene	80.0	70.0	88	32 - 113	
1,4-Dichlorobenzene	80.0	70.5	88	32 - 115	
4-Chloroaniline	80.0	70.3	88	31 - 123	
2,4-Dichlorophenol	80.0	77.0	96	57 - 114	
2,4-Dimethylphenol	80.0	75.7	95	31 - 119	
2-Chloronaphthalene	80.0	81.3	102	44 - 124	
Dimethyl phthalate	80.0	85.4	107	54 - 121	
4,6-Dinitro-2-methylphenol	80.0	87.2	109	52 - 132	
Acenaphthylene	80.0	80.7	101	46 - 122	
2,4-Dinitrophenol	80.0	95.4	119	28 - 142	
2,6-Dinitrotoluene	80.0	88.6	111	52 - 130	
Acenaphthene	80.0	71.4	89	47 - 114	
Dibenzofuran	80.0	79.0	99	46 - 122	
2,4-Dinitrotoluene	80.0	89.3	112	55 - 127	
Diethyl phthalate	80.0	85.3	107	51 - 122	
4-Chlorophenyl phenyl ether	80.0	82.6	103	48 - 120	
Fluorene	80.0	81.7	102	48 - 122	
Hexachlorobutadiene	80.0	73.9	92	37 - 109	
4-Bromophenyl phenyl ether	80.0	80.4	100	52 - 122	
Hexachlorocyclopentadiene	80.0	78.2	98	18 - 92	*
Hexachlorobenzene	80.0	76.9	96	52 - 122	
Hexachloroethane	80.0	71.5	89	41 - 104	
Anthracene	80.0	79.5	99	54 - 120	
Isophorone	80.0	75.4	94	47 - 109	
2-Methylnaphthalene	80.0	74.5	93	46 - 111	
Carbazole	80.0	82.2	103	54 - 130	
2-Methylphenol	80.0	67.2	84	39 - 108	
Di-n-butyl phthalate	80.0	87.6	109	51 - 129	
4-Methylphenol	80.0	53.6	67	28 - 112	
Fluoranthene	80.0	82.6	103	55 - 121	
Naphthalene	80.0	78.2	98	44 - 120	
2-Nitroaniline	80.0	90.8	113	45 - 122	
Butyl benzyl phthalate	80.0	90.5	113	53 - 129	
3,3'-Dichlorobenzidine	80.0	73.9	92	55 - 128	
3-Nitroaniline	80.0	90.0	112	43 - 129	
4-Nitroaniline	80.0	99.2	124	49 - 133	

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample - Batch: 460-159336

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-159336/2-A	Analysis Batch:	460-159891	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-159336	Lab File ID:	m64717.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/09/2013 0053	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/07/2013 1026			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzo[a]anthracene	80.0	81.9	102	54 - 119	
Chrysene	80.0	85.3	107	53 - 116	
Nitrobenzene	80.0	79.2	99	47 - 115	
Bis(2-ethylhexyl) phthalate	80.0	87.9	110	53 - 121	
2-Nitrophenol	80.0	82.4	103	53 - 122	
Di-n-octyl phthalate	80.0	89.9	112	51 - 135	
4-Nitrophenol	80.0	44.1	55	10 - 123	
Benzo[b]fluoranthene	80.0	82.8	103	52 - 126	
Benzo[k]fluoranthene	80.0	83.6	104	52 - 122	
N-Nitrosodi-n-propylamine	80.0	78.7	98	43 - 124	
Benzo[a]pyrene	80.0	84.9	106	51 - 130	
N-Nitrosodiphenylamine	80.0	87.2	109	60 - 133	
Indeno[1,2,3-cd]pyrene	80.0	76.4	95	55 - 123	
Dibenz(a,h)anthracene	80.0	83.9	105	51 - 137	
Pentachlorophenol	80.0	83.9	105	39 - 125	
Benzo[g,h,i]perylene	80.0	79.2	99	55 - 124	
Phenanthrene	80.0	79.5	99	54 - 124	
Benzyl alcohol	80.0	67.4	84	40 - 117	
Phenol	80.0	34.2	43	10 - 98	
Pyrene	80.0	90.9	114	50 - 124	
1,2,4-Trichlorobenzene	80.0	76.6	96	46 - 111	
2,4,5-Trichlorophenol	80.0	85.0	106	53 - 122	
2,2'-oxybis[1-chloropropane]	80.0	78.7	98	45 - 118	
2,4,6-Trichlorophenol	80.0	80.4	100	45 - 132	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	101	60 - 114
Phenol-d5	37	4 - 86
Terphenyl-d14	110	72 - 130
2,4,6-Tribromophenol	109	51 - 126
2-Fluorophenol	58	15 - 96
2-Fluorobiphenyl	90	50 - 120

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159075

Method: 8081A
Preparation: 3546

Lab Sample ID:	MB 460-159075/1-A	Analysis Batch:	460-159605	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-159075	Lab File ID:	xr143574.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/07/2013 1107	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/06/2013 0648			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
alpha-BHC	6.7	U	1.5	6.7
beta-BHC	6.7	U	1.6	6.7
delta-BHC	6.7	U	1.2	6.7
gamma-BHC (Lindane)	6.7	U	1.2	6.7
4,4'-DDD	6.7	U	1.3	6.7
4,4'-DDE	6.7	U	1.3	6.7
4,4'-DDT	6.7	U	1.6	6.7
Dieldrin	6.7	U	1.2	6.7
Endosulfan I	6.7	U	1.5	6.7
Endosulfan II	6.7	U	1.3	6.7
Endosulfan sulfate	6.7	U	1.3	6.7
Endrin	6.7	U	1.6	6.7
Endrin aldehyde	6.7	U	1.0	6.7
Endrin ketone	6.7	U	1.3	6.7
Heptachlor	6.7	U	1.6	6.7
Heptachlor epoxide	6.7	U	1.5	6.7
Methoxychlor	6.7	U	1.6	6.7
Toxaphene	67	U	18	67
gamma-Chlordane	6.7	U	1.3	6.7
alpha-Chlordane	6.7	U	1.3	6.7

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	131	37 - 150
DCB Decachlorobiphenyl	141	60 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	130	37 - 150
DCB Decachlorobiphenyl	137	60 - 150

Lab Control Sample - Batch: 460-159075 **Method: 8081A**
Preparation: 3546

Lab Sample ID:	LCS 460-159075/2-A	Analysis Batch:	460-159605	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-159075	Lab File ID:	xf143575.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/07/2013 1120	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/06/2013 0648			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	142	107	68 - 133	
beta-BHC	133	140	105	67 - 137	
delta-BHC	133	147	111	65 - 141	
gamma-BHC (Lindane)	133	143	107	68 - 134	
4,4'-DDD	133	152	114	69 - 150	
4,4'-DDE	133	152	114	70 - 147	
4,4'-DDT	133	144	108	63 - 146	
Dieldrin	133	135	101	63 - 129	
Endosulfan I	133	147	111	69 - 140	
Endosulfan II	133	140	105	66 - 136	
Endosulfan sulfate	133	144	108	65 - 137	
Endrin	133	159	119	67 - 142	
Endrin aldehyde	133	139	105	67 - 134	
Endrin ketone	133	147	110	68 - 146	
Heptachlor	133	147	110	67 - 136	
Heptachlor epoxide	133	145	109	68 - 136	
Methoxychlor	133	146	110	52 - 150	
gamma-Chlordane	133	146	109	67 - 140	
alpha-Chlordane	133	145	108	66 - 138	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	124	37 - 150
DCB Decachlorobiphenyl	130	60 - 150

Lab Control Sample - Batch: 460-159075 **Method: 8081A**
Preparation: 3546

Lab Sample ID:	LCS 460-159075/2-A	Analysis Batch:	460-159605	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-159075	Lab File ID:	xr143575.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/07/2013 1120	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/06/2013 0648			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	133	100	68 - 133	
beta-BHC	133	135	101	67 - 137	
delta-BHC	133	135	101	65 - 141	
gamma-BHC (Lindane)	133	132	99	68 - 134	
4,4'-DDD	133	150	113	69 - 150	

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample - Batch: 460-159075

Method: 8081A
Preparation: 3546

Lab Sample ID:	LCS 460-159075/2-A	Analysis Batch:	460-159605	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-159075	Lab File ID:	xr143575.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/07/2013 1120	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/06/2013 0648			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDE	133	146	110	70 - 147	
4,4'-DDT	133	143	107	63 - 146	
Dieldrin	133	131	99	63 - 129	
Endosulfan I	133	143	107	69 - 140	
Endosulfan II	133	136	102	66 - 136	
Endosulfan sulfate	133	136	102	65 - 137	
Endrin	133	156	117	67 - 142	
Endrin aldehyde	133	136	102	67 - 134	
Endrin ketone	133	138	103	68 - 146	
Heptachlor	133	135	102	67 - 136	
Heptachlor epoxide	133	138	104	68 - 136	
Methoxychlor	133	138	103	52 - 150	
gamma-Chlordane	133	142	106	67 - 140	
alpha-Chlordane	133	138	104	66 - 138	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	121	37 - 150
DCB Decachlorobiphenyl	122	60 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159071

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-159071/1-A	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-159071	Lab File ID:	OR202640.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/06/2013 1646	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/06/2013 0635			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	67	U	15	67
Aroclor 1221	67	U	15	67
Aroclor 1232	67	U	15	67
Aroclor 1242	67	U	15	67
Aroclor 1248	67	U	15	67
Aroclor 1254	67	U	19	67
Aroclor 1260	67	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	97	45 - 138

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample - Batch: 460-159071

Method: 8082
Preparation: 3546

Lab Sample ID:	LCS 460-159071/2-A	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-159071	Lab File ID:	OR202641.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/06/2013 1703	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/06/2013 0635			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	421	126	75 - 150	
Aroclor 1260	333	393	118	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	98	45 - 138

Lab Control Sample - Batch: 460-159071

Method: 8082
Preparation: 3546

Lab Sample ID:	LCS 460-159071/2-A	Analysis Batch:	460-159211	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-159071	Lab File ID:	OR202641.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	05/06/2013 1703	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/06/2013 0635			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	370	111	75 - 150	
Aroclor 1260	333	391	117	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	97	45 - 138

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159589

Method: 8082
Preparation: 3510C

Lab Sample ID:	MB 460-159589/1-A	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-159589	Lab File ID:	VR485659.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	05/08/2013 2238	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	05/08/2013 1017			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.40	U	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U	0.21	0.40

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	115	37 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	110	37 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-159589

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-159589/2-A	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-159589	Lab File ID:	VR485660.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	05/08/2013 2253	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	05/08/2013 1017			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-159589/3-A	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-159589	Lab File ID:	VR485661.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	05/08/2013 2308	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	05/08/2013 1017			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	148	117	71 - 126	23	30	*	
Aroclor 1260	164	128	73 - 130	24	30	*	

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	145	127	37 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-159589

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-159589/2-A	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-159589	Lab File ID:	VR485660.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	05/08/2013 2253	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	05/08/2013 1017			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-159589/3-A	Analysis Batch:	460-159483	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-159589	Lab File ID:	VR485661.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	05/08/2013 2308	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	05/08/2013 1017			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	144	113	71 - 126	25	30	*	
Aroclor 1260	159	127	73 - 130	22	30	*	

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	130	114	37 - 150

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159036

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-159036/1-A ^2	Analysis Batch:	460-159201	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-159036	Lab File ID:	05062013.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	05/06/2013 1158	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 1352				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	20.0	U	9.1	20.0
Arsenic	0.50	U	0.47	0.50
Barium	20.0	U	0.57	20.0
Beryllium	0.20	U	0.072	0.20
Cadmium	0.50	U	0.074	0.50
Calcium	500	U	35.4	500
Chromium	1.0	U	0.43	1.0
Cobalt	5.0	U	0.43	5.0
Copper	2.5	U	0.97	2.5
Iron	15.0	U	6.1	15.0
Magnesium	500	U	36.0	500
Manganese	1.5	U	0.44	1.5
Nickel	4.0	U	0.44	4.0
Potassium	500	U	53.5	500
Lead	0.50	U	0.43	0.50
Antimony	1.0	U	0.62	1.0
Silver	1.0	U	0.10	1.0
Selenium	1.0	U	0.66	1.0
Sodium	500	U	79.0	500
Thallium	1.0	U	0.57	1.0
Vanadium	5.0	U	0.38	5.0
Zinc	3.0	U	0.54	3.0

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

LCS-Certified Reference Material - Batch: 460-159036

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-159201	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-159036	Lab File ID:	05062013.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	05/06/2013 1147	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/05/2013 1352				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	9310	8280	88.9	43.3 - 156.8	
Arsenic	168	164.8	98.1	70.8 - 129.8	
Barium	213	224.8	105.5	73.2 - 126.8	
Beryllium	110	110.6	100.5	75.1 - 125.5	
Cadmium	103	104.9	101.8	73.0 - 126.2	
Calcium	6870	6974	101.5	74.4 - 125.8	
Chromium	119	121.6	102.2	69.7 - 129.4	
Cobalt	131	139.7	106.6	74.4 - 125.2	
Copper	118	116.6	98.8	74.6 - 124.6	
Iron	13000	13230	101.8	32.2 - 167.7	
Magnesium	2780	2618	94.2	65.1 - 135.3	
Manganese	338	357.6	105.8	75.4 - 125.1	
Nickel	70.0	74.32	106.2	70.9 - 129.0	
Potassium	3130	2912	93.0	62.9 - 136.7	
Lead	76.9	81.28	105.7	68.7 - 131.3	
Antimony	120	59.06	49.2	20.8 - 252.5	
Silver	42.3	39.70	93.9	66.2 - 134.0	
Selenium	126	126.3	100.2	66.7 - 134.1	
Sodium	350	347.0	99.1	42.9 - 156.9	J
Thallium	208	231.8	111.4	69.2 - 130.8	
Vanadium	87.1	86.06	98.8	63.1 - 136.6	
Zinc	276	286.6	103.8	71.4 - 128.6	

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159108

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 460-159108/1-A	Analysis Batch:	460-159555	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-159108	Lab File ID:	05072013A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/07/2013 2030	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	72.1	200
Arsenic	5.0	U	3.7	5.0
Barium	200	U	5.9	200
Beryllium	2.0	U	0.78	2.0
Cadmium	5.0	U	0.82	5.0
Calcium	5000	U	305	5000
Chromium	10.0	U	4.5	10.0
Cobalt	50.0	U	4.3	50.0
Copper	25.0	U	7.8	25.0
Iron	150	U	73.6	150
Magnesium	5000	U	321	5000
Manganese	15.0	U	4.3	15.0
Nickel	40.0	U	5.0	40.0
Potassium	5000	U	525	5000
Lead	5.0	U	4.0	5.0
Antimony	10.0	U	7.4	10.0
Silver	10.0	U	1.3	10.0
Selenium	10.0	U	5.8	10.0
Sodium	5000	U	821	5000
Thallium	10.0	U	5.2	10.0
Vanadium	50.0	U	4.0	50.0
Zinc	30.0	U	5.8	30.0

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample - Batch: 460-159108

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 460-159108/2-A	Analysis Batch:	460-159555	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-159108	Lab File ID:	05072013A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/07/2013 2020	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	1931	97	80 - 120	
Arsenic	2000	1884	94	80 - 120	
Barium	2000	2057	103	80 - 120	
Beryllium	50.0	48.78	98	80 - 120	
Cadmium	50.0	51.00	102	80 - 120	
Calcium	20000	19820	99	80 - 120	
Chromium	200	205.2	103	80 - 120	
Cobalt	500	508.9	102	80 - 120	
Copper	250	234.6	94	80 - 120	
Iron	1000	1056	106	80 - 120	
Magnesium	20000	19630	98	80 - 120	
Manganese	500	522.6	105	80 - 120	
Nickel	500	518.3	104	80 - 120	
Potassium	20000	19780	99	80 - 120	
Lead	500	519.1	104	80 - 120	
Antimony	500	438.5	88	80 - 120	
Silver	50.0	47.52	95	80 - 120	
Selenium	2000	1911	96	80 - 120	
Sodium	20000	20560	103	80 - 120	
Thallium	2000	2167	108	80 - 120	
Vanadium	500	496.6	99	80 - 120	
Zinc	500	515.9	103	80 - 120	

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Matrix Spike - Batch: 460-159108

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-55458-8	Analysis Batch:	460-159555	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-159108	Lab File ID:	05072013A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/07/2013 2038	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	685	J	2000	2475	89	75 - 125	
Arsenic	20.0	U	2000	1955	98	75 - 125	
Barium	51.4	J	2000	1964	96	75 - 125	
Beryllium	8.0	U	50.0	46.84	94	75 - 125	
Cadmium	20.0	U	50.0	46.84	94	75 - 125	
Calcium	260000		20000	283900	121	75 - 125	4
Chromium	40.0	U	200	199.5	100	75 - 125	
Cobalt	200	U	500	463.2	93	75 - 125	
Copper	100	U	250	246.0	98	75 - 125	
Iron	1080		1000	1781	70	75 - 125	N
Magnesium	768000		20000	805600	186	75 - 125	4
Manganese	38.5	J	500	546.8	102	75 - 125	
Nickel	160	U	500	468.8	94	75 - 125	
Potassium	238000		20000	265800	139	75 - 125	4
Lead	28.9		500	491.6	93	75 - 125	
Antimony	40.0	U	500	437.6	88	75 - 125	
Silver	40.0	U	50.0	50.76	102	75 - 125	
Selenium	40.0	U	2000	1938	97	75 - 125	
Thallium	40.0	U	2000	1762	88	75 - 125	
Vanadium	200	U	500	490.0	98	75 - 125	
Zinc	120	U	500	516.4	103	75 - 125	

Matrix Spike - Batch: 460-159108

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-55458-8	Analysis Batch:	460-159646	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-159108	Lab File ID:	05082013.asc
Dilution:	30	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/08/2013 1655	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	6150000	20000	6120000	-150	75 - 125	4

Client: Henningson, Durham & Richardson Job Number: 460-55458-1

Duplicate - Batch: 460-159108

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-55458-8	Analysis Batch:	460-159555	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-159108	Lab File ID:	05072013A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/07/2013 1954	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	685	J	531.6	25	20	J
Arsenic	20.0	U	20.0	NC	20	U
Barium	51.4	J	50.28	2	20	J
Beryllium	8.0	U	8.0	NC	20	U
Cadmium	20.0	U	20.0	NC	20	U
Calcium	260000		262900	1	20	
Chromium	40.0	U	40.0	NC	20	U
Cobalt	200	U	200	NC	20	U
Copper	100	U	100	NC	20	U
Iron	1080		893.2	19	20	
Magnesium	768000		778400	1	20	
Manganese	38.5	J	38.34	0.4	20	J
Nickel	160	U	160	NC	20	U
Potassium	238000		236900	0.5	20	
Lead	28.9		28.25	2	20	
Antimony	40.0	U	40.0	NC	20	U
Silver	40.0	U	40.0	NC	20	U
Selenium	40.0	U	40.0	NC	20	U
Thallium	40.0	U	40.0	NC	20	U
Vanadium	200	U	200	NC	20	U
Zinc	120	U	120	NC	20	U

Duplicate - Batch: 460-159108

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-55458-8	Analysis Batch:	460-159646	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-159108	Lab File ID:	05082013.asc
Dilution:	30	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/08/2013 1644	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/06/2013 0908				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sodium	6150000	6177000	0.4	20	

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-160036

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	MB 460-160035/1-B	Analysis Batch:	460-160137	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-160036	Lab File ID:	05102013.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1259	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	72.1	200
Arsenic	5.0	U	3.7	5.0
Barium	200	U	5.9	200
Beryllium	2.0	U	0.78	2.0
Cadmium	5.0	U	0.82	5.0
Calcium	5000	U	305	5000
Chromium	10.0	U	4.5	10.0
Cobalt	50.0	U	4.3	50.0
Copper	25.0	U	7.8	25.0
Iron	150	U	73.6	150
Magnesium	5000	U	321	5000
Manganese	15.0	U	4.3	15.0
Nickel	40.0	U	5.0	40.0
Lead	5.0	U	4.0	5.0
Antimony	10.0	U	7.4	10.0
Silver	10.0	U	1.3	10.0
Selenium	10.0	U	5.8	10.0
Sodium	5000	U	821	5000
Thallium	10.0	U	5.2	10.0
Vanadium	50.0	U	4.0	50.0
Zinc	30.0	U	5.8	30.0

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-160036

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	MB 460-160035/1-B	Analysis Batch:	460-160190	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-160036	Lab File ID:	05102013A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1603	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	72.1	200
Arsenic	5.0	U	3.7	5.0
Barium	200	U	5.9	200
Beryllium	2.0	U	0.78	2.0
Cadmium	5.0	U	0.82	5.0
Calcium	5000	U	305	5000
Chromium	10.0	U	4.5	10.0
Cobalt	50.0	U	4.3	50.0
Copper	25.0	U	7.8	25.0
Iron	150	U	73.6	150
Magnesium	5000	U	321	5000
Manganese	15.0	U	4.3	15.0
Nickel	40.0	U	5.0	40.0
Potassium	5000	U	525	5000
Lead	5.0	U	4.0	5.0
Antimony	10.0	U	7.4	10.0
Silver	10.0	U	1.3	10.0
Selenium	10.0	U	5.8	10.0
Sodium	5000	U	821	5000
Thallium	10.0	U	5.2	10.0
Vanadium	50.0	U	4.0	50.0
Zinc	30.0	U	5.8	30.0

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Lab Control Sample - Batch: 460-160036

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 460-160036/2-A	Analysis Batch:	460-160137	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-160036	Lab File ID:	05102013.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1248	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	1941	97	80 - 120	
Arsenic	2000	1892	95	80 - 120	
Barium	2000	2064	103	80 - 120	
Beryllium	50.0	48.11	96	80 - 120	
Cadmium	50.0	50.93	102	80 - 120	
Calcium	20000	19820	99	80 - 120	
Chromium	200	205.0	103	80 - 120	
Cobalt	500	514.0	103	80 - 120	
Copper	250	233.4	93	80 - 120	
Iron	1000	1035	104	80 - 120	
Magnesium	20000	19610	98	80 - 120	
Manganese	500	524.2	105	80 - 120	
Nickel	500	523.2	105	80 - 120	
Potassium	20000	20910	105	80 - 120	
Lead	500	527.8	106	80 - 120	
Antimony	500	442.7	89	80 - 120	
Silver	50.0	46.66	93	80 - 120	
Selenium	2000	1930	97	80 - 120	
Sodium	20000	18630	93	80 - 120	
Thallium	2000	2229	111	80 - 120	
Vanadium	500	494.4	99	80 - 120	
Zinc	500	509.8	102	80 - 120	

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Matrix Spike - Batch: 460-160036

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	460-55458-8	Analysis Batch:	460-160231	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-160036	Lab File ID:	05102013B.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1854	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	800	U	2000	1922	96	75 - 125	
Arsenic	20.0	U	2000	2007	100	75 - 125	
Barium	40.6	J	2000	1974	97	75 - 125	
Beryllium	8.0	U	50.0	47.52	95	75 - 125	
Cadmium	20.0	U	50.0	48.64	97	75 - 125	
Calcium	272000		20000	277400	26	75 - 125	4
Chromium	40.0	U	200	193.2	97	75 - 125	
Cobalt	200	U	500	469.6	94	75 - 125	
Copper	100	U	250	219.8	88	75 - 125	
Iron	600	U	1000	908.4	91	75 - 125	
Magnesium	815000		20000	791600	-118	75 - 125	4
Manganese	60.0	U	500	514.0	103	75 - 125	
Nickel	160	U	500	474.4	95	75 - 125	
Potassium	272000		20000	261100	-53	75 - 125	4
Lead	20.0	U	500	464.4	93	75 - 125	
Antimony	40.0	U	500	447.2	89	75 - 125	
Silver	40.0	U	50.0	53.44	107	75 - 125	
Selenium	40.0	U	2000	2014	101	75 - 125	
Thallium	40.0	U	2000	1799	90	75 - 125	
Vanadium	200	U	500	486.8	97	75 - 125	
Zinc	120	U	500	506.8	101	75 - 125	

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Duplicate - Batch: 460-160036

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	460-55458-8	Analysis Batch:	460-160190	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-160036	Lab File ID:	05102013A.asc
Dilution:	30	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1511	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sodium	5890000	6057000	3	20	

Duplicate - Batch: 460-160036

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	460-55458-8	Analysis Batch:	460-160190	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-160036	Lab File ID:	05102013A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/10/2013 1607	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/10/2013 0749				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	800	U	800	NC	20	U
Arsenic	20.0	U	20.0	NC	20	U
Barium	40.6	J	41.44	2	20	J
Beryllium	8.0	U	8.0	NC	20	U
Cadmium	20.0	U	20.0	NC	20	U
Calcium	272000		276500	2	20	
Chromium	40.0	U	40.0	NC	20	U
Cobalt	200	U	200	NC	20	U
Copper	100	U	100	NC	20	U
Iron	600	U	600	NC	20	U
Magnesium	815000		830400	2	20	
Manganese	60.0	U	60.0	NC	20	U
Nickel	160	U	160	NC	20	U
Potassium	272000		274600	1	20	
Lead	20.0	U	20.0	NC	20	U
Antimony	40.0	U	40.0	NC	20	U
Silver	40.0	U	40.0	NC	20	U
Selenium	40.0	U	40.0	NC	20	U
Thallium	40.0	U	40.0	NC	20	U
Vanadium	200	U	200	NC	20	U
Zinc	120	U	120	NC	20	U

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159159

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID:	MB 460-159149/1-B	Analysis Batch:	460-159215	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-159159	Lab File ID:	159159hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	05/06/2013 1450	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	05/06/2013 1238				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.16	0.20

Lab Control Sample - Batch: 460-159159

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 460-159159/2-A	Analysis Batch:	460-159215	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-159159	Lab File ID:	159159hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	05/06/2013 1452	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	05/06/2013 1238				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.934	93	80 - 120	

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159713

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 460-159713/11-A	Analysis Batch:	460-159760	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-159713	Lab File ID:	159713HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	05/08/2013 2024	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	05/08/2013 1715				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.16	0.20

Lab Control Sample - Batch: 460-159713

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 460-159713/12-A	Analysis Batch:	460-159760	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-159713	Lab File ID:	159713HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	05/08/2013 2026	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	05/08/2013 1715				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.982	98	80 - 120	

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Method Blank - Batch: 460-159132

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 460-159132/1-A	Analysis Batch:	460-159225	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-159132	Lab File ID:	159134.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	05/06/2013 1721	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/06/2013 1100				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.017	U	0.012	0.017

LCS-Certified Reference Material - Batch: 460-159132

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-159225	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-159132	Lab File ID:	159134.PRN
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	05/06/2013 1724	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/06/2013 1100				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	25.1	26.75	106.6	51.4 - 148.2	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

460-55458 Chain of

CH. REQUEST

Page 1 of 2

05/16/2013

Page 154 of 157

Name (for report and invoice): Ed Schuetz	Samplers Name (Printed): Michael Pantlin	Site/Project Identification: ConED N 1ST ST
Company: HDR	P. O. #:	State (Location of site): NJ: ☐ NY: ☐ Other:
		Regulatory Program:
Address: 1 Blue Hill Plaza	Analysis Turnaround Time: Standard ☐	LAB USE ONLY Project No:
City: Pearl River State: NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Job No: 55458
Phone: 845 735 8300 Fax:		

ANALYSES REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs 8260	SVOCs 8270	PCBs	TAL metals Total	% Moisture	Filtered metals						Sample Numbers
FB-1	5.3.13	0700	water	8	3	2	2	1								1
B1 (4.5-6.0)		0830	Soil	6	X	X	X	X	X							2
B2 (5-7)		0945														3
B3 (4.5-6)		1200														4
B4 (5-6.5)		1045														5
B5 (5-6.5)		1135														6
B6 (5-6.5)		1200														7
B7 (GW)		1330	water		3	2	2	1		1						8
B2 (GW)		1400	water		3	2	2	1		1						9
B5 (GW)		1300	water		3	2	2	1		1						10
				Soil:	18	6	6	6	6							
				Water:	9	4	4	4		3						

5-Day RUSH

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	HDR	5.3.13 1420	1)	T.A. N.Y.C.
Relinquished by 2)	Company T.A. NYC	Date / Time 5/3/13 17:00	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company 5/3/2013 17:00
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

SHORT HOLD

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

1.7/2.1 1.7/2.1 TRIP

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
ED Schuetz	Mike Pantlin	Con ED W 1ST ST
Company: HDR	P. O. #	State (Location of site): NJ: ☐ NY: ☐ Other:
		Regulatory Program:
Address: 1 Blue Hill Plaza	Analysis Turnaround Time: Standard ☐	LAB USE ONLY Project No:
City: Pearl River State: NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Job No: 55458
Phone: 845 735 8300 Fax:		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs	Sample Numbers
Trip Blank	5.3.12	1410	Water	3		11

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil:
6 = Other _____, 7 = Other _____ — Water:

Special Instructions Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	HDR	5.3.12 1430	1)	T.A-N.Y.C
Relinquished by 2)	Company T.A. NYC.	Date / Time 5/3/12 17:00	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company 5/3/2013 17:00
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0406)

Massachusetts (M-NJ312), North Carolina (No. 578) 1.7/2.1 1.7/2.1 JK# 5 NSPJ

TestAmerica Edison Receipt Temperature and pH Log

Job Number: 55458

Number of Coolers: 2 IR Gun # T

Temp. Cooler #1 (Deg C) (Raw/Corrected): 1.7/2.1 Temp. Cooler #4 (Deg C) (Raw/Corrected): 1.7/2.1 Temp. Cooler #7 (Deg C) (Raw/Corrected): ____

Temp. Cooler #2 (Deg C) (Raw/Corrected): ____ Temp. Cooler #5 (Deg C) (Raw/Corrected): ____ Temp. Cooler #8 (Deg C) (Raw/Corrected): ____

Temp. Cooler #3 (Deg C) (Raw/Corrected): ____ Temp. Cooler #6 (Deg C) (Raw/Corrected): ____ Temp. Cooler #9 (Deg C) (Raw/Corrected): ____

Sample No.	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	*Metals (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
8				LZ									
9				LZ									
10				LZ									

If pH adjustments are required record the information below:

Sample No(s). adjusted: ____

Preservative Name/Conc.: ____ Volume of Preservative used (ml): ____

Lot # of Preservative: ____ Expiration Date: ____

Project Manager and the Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 3, 10/8/12

Initials: [signature] Date: 5/3/13

Login Sample Receipt Checklist

Client: Henningson, Durham & Richardson

Job Number: 460-55458-1

Login Number: 55458

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1,2.1° C IR #4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	See NCM
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

New York State Department of Environmental Conservation
Division of Environmental Remediation
Region 2 Office
47-40 21st Street, Long Island City, NY 11101
Phone: (718) 482-6455 • **Fax:** (718) 482-6390
E-Mail: lxzielin@gw.dec.state.ny.us • **Website:** www.dec.ny.gov

Joe Martens
Commissioner

July 24, 2012

By e-mail and regular mail

David B. Rubin
Environmental Health and Safety
Consolidated Edison Company
4 Irving Plaza
New York, NY 10003

Re: Site Investigation Report - Second Phase
North 1st Street Fuel Oil Terminal
Brooklyn, NY
MOSF License No. 2-1480

Dear Mr. Rubin:

The New York State Department of Environmental Conservation (the "Department") has reviewed the June 2012 Site Investigation Report, prepared by Henningson, Durham & Richardson Architecture and Engineering, P.C. (the"Report"). Soil borings were advanced at locations arranged a 60 by 60-foot grid that covered Complex A and B tank locations where more than a decade ago No.6 heating oil was stored. From each location, one surface sample and one sample with the highest PID reading were collected. At one boring location, olfactory petroleum contamination was noticeable; soil from this area was excavated and disposed of. Groundwater samples were obtained within the footprint of the tanks.

Soil analytical results for VOCs and SVOCs were compared with Table 375-6.8(a): *Unrestricted Use Soil Cleanup Objectives,* Table 375-6.8(b): *Restricted Use Soil Cleanup - Protection of Groundwater*, and with the Manhattan background data. Exceedances were noted that include elevated levels of actone, benzo(a)anthracene, benzo(b)fluoranthen, benzo(a)pyrene, chrysene ethylobenzene, indeno(1,2,3-cd)pyrene, toluene, and total xylenes.

Groundwater data were compared with TOGS 1.1.1, for the protection of drinking water (GA Class). Exceedances of the limit concentrations were revealed for most of the analyzed VOCs and SVOCs compounds.

No further action is required in relation to former MOSF No. 2-1480.

The Department has closed spill number l 112968 that was reported after a petroleum sheen had been observed at the site during demolition activities.

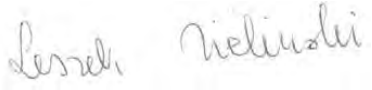
In complex A, the elevated concentrations of toluene, xylene, and acetone as well as the levels of heavy metals concentrations appear to be linked to the adjacent site, 230 Kent Avenue. Ms. Ioana Munteanu-Ramnic, the Department's project manager for remediation (V00380) conducted at 230 Kent Avenue, the former Fyn Paint and Lacquer Co., Inc. property, will review the Report in correlation with the contamination that migrated from the 230 Kent Avenue property. Ms.

Munteanu-Ramnic will contact you regarding further investigation and remediation at the former MOSF.

Gauging and sampling of monitoring wells that are solely used for the MOSF license may be discontinued.

Please call me if you have any questions concerning this letter.

Very truly yours,



Leszek Zielinski
Environmental Engineer
Division of Environmental Remediation

ec: Ioana Munteanu, NYSDEC; Jane O'Connell, NYSDEC
cc: MOSF No. 2-1480 file

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Consolidated Edison Company
of New York, Inc.
31-01 20th Avenue
Long Island City NY 11105-2048
www.conEd.com

June 19, 2012

VIA FedEx #8717 8226 9734

Leszek Zielinski, PE
Environmental Engineer, Division of Environmental Remediation
New York State Department of Environmental Conservation, Region 2
47-40 21st Street
Long Island City, NY 11101

Re: MOSF License Closure
Con Edison of NY, Inc.
North 1st Street Fuel Oil Terminal
County: Kings
MOSF License No.: 2-1480

Dear Mr. Zielinski:

In accordance with prior arrangements for submittal of the "perimeter" investigation report, and as described in the January 2012 Site Investigation Work Plan, enclosed are two hardcopies and one CD of Henningson, Durham & Richardson's (HDR) Site Investigation Report addressing the "footprints" of the two tank complexes that were demolished earlier this year. Also enclosed is a CD containing Electronic Data Deliverables (EDD) files in NYSDEC format.

The enclosed Report is being submitted in support of Con Edison's February 27, 2012 application and letter requesting voluntary termination/permanent closure of the subject MOSF license.

NYSDEC's timely review and approval of the enclosed report is appreciated.

Please contact me at (718) 204-4219 should you have any questions or need additional information.

Very truly yours,

David B. Rubin
Project Manager – Remediation Programs
Environment, Health, and Safety

Encl.

cc: Mr. Barry Cohen, Con Edison
Ms. Maureen Gaffney, Con Edison

Ms. Elizabeth Christakos-Comack, Con Edison
Mr. Craig Little, Con Edison
Mr. Richard Knob, Con Edison
Mr. Edward Schwetz, HDR

SITE INVESTIGATION REPORT
SECOND PHASE
In support of
Voluntary MOSF License Termination

NORTH FIRST STREET OIL STORAGE TERMINAL

BLOCK 2355, LOT 1 & BLOCK 2361, LOT 1

87 and 105 RIVER STREET

BROOKLYN, NEW YORK

Prepared for

Consolidated Edison Company of New York, Inc.

Long Island City, New York

Prepared by

Henningson, Durham & Richardson Architecture and Engineering, PC

in association with HDR Engineering, Inc.

Pearl River, NY

June 2012

SITE INVESTIGATION REPORT
NORTH FIRST STREET OIL STORAGE TERMINAL
BLOCK 2355, LOT 1 & BLOCK 2361, LOT 1
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

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1. INTRODUCTION

On behalf of Consolidated Edison Company of New York, Inc. (Con Edison), Henningson, Durham and Richardson Architecture and Engineering, P.C. (HDR) has performed a Site Investigation, Second Phase, to assess subsurface conditions of the former Major Oil Storage Facility (MOSF) at the North First Street Terminal (NFST) Site. The investigation was performed in accordance with the Site Investigation Work Plan – Second Phase, prepared by HDR and dated January 2012, which was approved by New York State Department of Environmental Conservation (NYSDEC) in a letter dated January 27, 2012 (Appendix A).

1.1 Site Overview

The NFST Site is located in Williamsburg, Brooklyn, Kings County, New York (Figure 1). The NFST Site exists in a predominately mixed residential and commercial community. Historically, the Site vicinity was predominantly manufacturing but in recent years, the manufacturing community has been displaced. Residences are now located to the north, across North Third Street. Commercial and light manufacturing properties remain east of the Site across River Street from the northern portion of the NFST MOSF. At the southern portion of the NFST MOSF, a closed paint factory is to the east. A New York Power Authority (NYPA) Gas Turbine Generation Station is to the south of NFST complex. The East River is to the west of the NFST MOSF.

The NFST Site also consists of an adjacent lot on the east side of River Street, between Metropolitan Avenue and North First Street. The address of this ancillary property (boiler/control house) is 214 Kent Avenue and it is bordered by Metropolitan Avenue to the north, FYN Paint and Lacquer Co. (FYN) to the south, and River Street to the west. The ancillary property occupies approximately 0.3 acres on modern Tax Block 2362, Lot 3. Newly developed residences are east of this lot, on the opposite side of Kent Avenue, replacing light manufacturing and commercial properties that existed up until approximately 2009.

The portion of the NFST facility that is the focus of this investigation is modern Tax Block 2355, Lot 1 and Tax Block 2361, Lot 1. These lots are to the west of the control house, across River Street. Both lots contained a complex of aboveground storage tanks (ASTs). Con Edison demolished the AST complex in 2011-2012. Based on the engineering drawings prepared by Leonard B. Goldman, P.E., Consulting Engineer, dated October 4, 1963; these two complexes consisted of three tanks each with the following capacities:

- Complex A (southern tanks)
    - T-100 – 6,000,000 gallons

  - T-200 – 2,325,000 gallons
  - T-300 – 6,000,000 gallons
- Complex B (northern tanks)
  - T-400 – 6,000,000 gallons
  - T-500 – 6,000,000 gallons
  - T-600 – 4,950,000 gallons

Tank construction of the two complexes was different with respect to the supporting piles. Complex A, as detailed on engineering drawings, was constructed of steel reinforced concrete, 18 inch thick slab on top of 14 –inch thin walled, cast in place 60 ton concrete piles. Complex B was constructed 18 inches of steel reinforced concrete set on top of a mixture of 60 ton, 30 ton, and 25 ton creosote timber piles that ranged from 4 to 6 feet on center. Figure 2 shows the former Site layout including the MOSF ASTs and docks, and engineering drawings prepared by Leonard B. Goldman, P.E., Consulting Engineer, dated October 4, 1963; detailing Complexes A and B are included as Appendix B

1.2 Regional Geology/Hydrogeology

The Site is in the Atlantic Coastal Plain physiographic province and is comprised of interbedded layers of sand, clay and marl. The marine deposits are Cretaceous and Quaternary in age. The drift deposits are derived from glacial activity that occurred during the Pleistocene Epoch. The total thickness of the marine and glacial deposits in Kings County ranges from 0 foot in northwest Brooklyn to 1,100 feet thick in northeastern Brooklyn.

The topography of the area slopes to the west toward East River. The elevation of the Site is approximately 11 to 15 feet above mean sea level (msl). The ground surface at the Site consists of poured concrete and asphalt pavement. The shallow sediments beneath the Site consist of a brown, medium to coarse grained sand with some silt and trace gravel. In general, the subsurface beneath the area consists of interbedded layers of sand, gravel, and clay and silt mixture to approximately 75 feet below ground surface (bgs). Bedrock beneath the Site is greater than 75 feet bgs. The regional direction of groundwater flow beneath the Site is to the west, toward the East River.

1.3 Site History and Previous Investigations

Holzmacher, McLendon & Murrell, P.C. (H2M) and HDR (formerly known as Lawler, Matusky and Skelly Engineering, LLC or also known as LMS) developed background information for the Site on behalf of Con Edison. The background information presented in *Phase I Environmental Site Assessment Report – Kings County Tax No. Block 2355, Lot 1, Block 2361, Lot 1, Block 2362, Lot 3 & Block 2376, Lot 6 – 214 Kent Avenue, Brooklyn, New York* prepared by H2M and

dated September 10, 1999 and *Phase II Site Investigation Report – North First Street Oil Storage Terminal* prepared by HDR and dated January 14, 2000, is summarized below.

A Phase I Environmental Site Assessment (ESA) was performed by H2M for the Con Edison NFST property and the former Pfizer property (no longer owned by Con Edison). Based on a review of available records, a number of Recognized Environmental Conditions (RECs) were identified. These RECs included the presence of above-ground storage tanks (ASTs) and underground storage tanks (USTs) and surface and subsurface soil conditions based on historic Site usage as well as the existence of toxic or hazardous material containers.

At the request of Con Edison, HDR performed a Phase II ESA, as documented in a report dated January 14, 2000. This Site investigation encompassed the NFST Site and the former Pfizer property located to the south of the NFST MOSF facility (between East River, River Street, Grand Street and North First Street). The Phase II investigation scope included:

- Investigation and sampling of a storm drain outside one of the onsite buildings and a manhole within another, both located on the former Pfizer property. Results from both of these sample locations indicate that six semi-volatile organic compounds (SVOCs) and eleven metals were detected above the NYSDEC Technical and Administrative Guidance (TAGM) Memo #4046 - Recommended Soil Cleanup Objectives (RSCOs), which were the regulatory criteria in effect at the time of the investigation.
- Thirteen soil borings were advanced into the water table at the former oil storage area and former Pfizer site. Select samples were collected and sent to a NYSDOH certified laboratory for volatile organic compound (VOC), semi-volatile organic compound (SVOC), metals, pesticides and polychlorinated biphenyls (PCBs) analyses. Laboratory results of the soil samples indicated VOC and SVOC concentrations above the NYSDEC RSCOs. Results for the metal analyses identified ten metals with concentrations above NYSDEC RSCOs. Based on the results, no other analytes were above applicable NYSDEC RSCOs.
- Groundwater samples were collected from four monitoring wells that were initially installed onsite (MW-1, MW-2, MW-3 and MW-4) as part of the MOSF permit. Only one (MW-4) of the four monitoring wells at the Site contained VOCs concentrations in groundwater that exceeded the NYSDEC Class GA standards. Seven metals were also detected above their respective GWQS while neither SVOCs nor polychlorinated biphenyls (PCBs) were detected in the four monitoring wells.

In addition to the above two documents, a 1996 Con Edison document reported that product containing VOCs was encountered in soil borings advanced for the cathodic protection

installation associated with the Con Edison 10,000-gallon UST located in the parking lot at 214 Kent Avenue, adjoining Con Edison's MOSF boiler/control house. The VOCs detected in the product sample included toluene, ethylbenzene and xylenes totaling 876,000 milligrams per liter (mg/l). NYSDEC Spill Number 96-04977 was assigned to the contamination identified adjacent to the UST. To confirm the 1996 report, additional borings were advanced in the vicinity of the UST by HDR in 1999 to characterize the subsurface conditions in this area. This investigation concluded that free phase product was encountered and toluene, ethylbenzene and xylene were detected at elevated concentrations.

In 2001, to assess subsurface soil near the Con Edison UST, Leggette, Brashears & Graham, Inc. (LBG) conducted a limited subsurface investigation associated with the adjacent Fyn Paint facility to the south. The limited subsurface investigation consisted of installing eight soil probes utilizing direct push drilling methods and four groundwater monitoring wells using the hollow stem auger (HSA) method. Of the eight probe borings advanced, four borings were located within the Con Edison property. Three borings were advanced in the NFST parking lot (CE-1, CE-2, and CE-3), and the fourth boring was advanced along the south side of the Complex B on Metropolitan Avenue (CE-4). The rest of the probe borings were advanced outside the Con Edison Property; one was located at the west end of Grant Street (GP-1), one was located on the north side of Complex B on North Third Street (GP-2), and two were located within the Fyn Paint building (GP-3 and GP-4). Laboratory results from this investigation indicate that soil and groundwater within the NFST parking lot was impacted by acetone, ethylbenzene, toluene, and xylene. Subsurface soil concentrations at the borings advanced at NFST ranged from non detect (CE-4) to 3,200,000 micrograms per kilogram (ug/kg) of xylene at CE-1 in subsurface soils. Analytical data from Site monitoring wells in this same vicinity confirmed that these VOCs have also impacted Site groundwater. Dissolved phase VOCs were detected at concentrations ranging from non detect (CE-4) to 1,400,000 ug/l (xylene in CE-2). This information is presented in LBG's *Subsurface Investigation and Remedial Action Plan*, dated August 2001 (LBG, 2001).

To better define the limited subsurface investigation, LBG conducted Supplemental Remedial Investigations in 2003, during which all boring and wells were placed in the public right of way. In 2005, LBG expanded their supplemental investigation by installing eight additional groundwater monitoring wells and two extraction wells. VOC concentrations in subsurface soil during this investigation ranged from 19,000 ug/kg at MW-22 (acetone) to 4,000,000 ug/kg of toluene (MW-22). Groundwater concentrations ranged from non detect in CE-4 to 66,000 ug/l of toluene (EW-1). Both MW-22 and EW-1 are within the NFST parking lot. This information is presented in LBG's *Supplemental Remedial Investigation Report*, dated September 2003 (LBG, 2003).

Fyn Paint has entered into a Voluntary Cleanup Agreement under the New York State Voluntary Cleanup Program (VCP). Under this VCP, LBG installed an Interim Remedial Measure (IRM) consisting of free phase product recovery and groundwater extraction system with effluent treatment. These activities are ongoing with the treatment system inside the Fyn Paint building and extraction points at the Kent Avenue parking lot area of the Con Edison Site. The IRM will be supplemented with a dual phase extraction (DPE) system as the remediation strategy to be implemented in 2012 following approval from NYSDEC. Currently, a quarterly groundwater gauging and sampling program of a monitoring well network (Figure 3) is being implemented to assess the impacts associated with the Fyn Paint facility.

In June 2011, HDR conducted a Site Investigation to assess subsurface conditions surrounding the MOSF tanks as part of the permanent closure of tanks and associated permits. As detailed in the *Site Investigation Report – Western Portion of North First Street Oil Storage Terminal, Block 2355, Lot 1 & Block 2361, Lot 1, 49 River Street, Brooklyn, NY* prepared by HDR (July 2011), soil borings were advanced along North Third Street, River Street, North First Street and both the north and south sides of Metropolitan Avenue. Results of this "Perimeter" investigation indicated 10 of the 18 samples collected exhibited some exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and/or Protection of Groundwater SCOs. The chemical concentrations reported in the analytical report do not appear to be indicative of a No. 6 fuel oil release from the NFST MOSF. The exceedances, for the most part, are within the same order of magnitude as the Part 375 Unrestricted Use SCOs. However, contaminants of concern from the upgradient FYN property were evident in subsurface soil at the perimeter of Complex A, as evident from the acetone concentrations detected in the B12 and B17 soil samples. The Site Investigation Report also discussed groundwater sampling results of the Fyn Paint VCP monitoring program as well as the NFST MOSF monitoring program. Figure 3 shows the locations of the monitoring wells associated with both programs. Based on the groundwater sampling results of these wells, there does not appear to be a groundwater impact associated with the MOSF.

2. SITE INVESTIGATION ACTIVITIES

To supplement the June 2011 Perimeter Subsurface Investigation, HDR conducted an additional "Footprint" investigation to assess the soils directly under the concrete footprint of the MOSF Complexes A and B. As part of this "Footprint" investigation, a surface soil assessment as well as deeper subsurface soils assessment was completed after the demolition of the tank complexes. Based on a reduced sample frequency consistent with DER-10 Section 3.9(b)(2)iii(2) and Section 1.6(c), 42 sample locations were identified in the Site Investigation Work Plan Second

Phase. This sample frequency equates to one boring per 3,600 square feet, or an approximate 60 by 60 foot grid.

2.1 Field Mobilization/Utility Clearance

Prior to the mobilization of drilling equipment HDR contracted a private utility mark-out contractor, Diversified Geophysics of Mineola, New York, to mark out utilities and other underground anomalies within the work area. Other than piles to support the former tank complexes, no subsurface anomalies were identified during the geophysical survey. Therefore, a map showing the locations of the subsurface anomalies was not prepared.

Prior to implementing any intrusive activities, a utility clearance was conducted. The procedure entailed utility mark-outs utilizing the Code 753 process, obtaining and reviewing available utility drawings and a field reconnaissance to verify, to the extent possible, the location of utilities relative to the planned intrusive locations. Aquifer Drilling and Testing, Inc. (ADT) of Mineola, NY, the drilling firm selected for the probe drilling, called in the Code 753 request.

As an added precaution and part of the Con Edison intrusive investigation program, the upper 5 feet at each soil boring was excavated using non-mechanical methods to confirm the absence of utilities (soft dig). ADT was subcontracted to perform non-mechanical clearance at each borehole location. ADT utilized hand tools (posthole digger and digging bar), an air knife, or a combination of the two methods to excavate to five feet or groundwater, whichever was encountered first. During intrusive activities, HDR screened the headspace above the excavation with a Rae Systems MultiRae combination 4-gas monitor and photoionization detector (PID). The MultiRae combination meter has a PID to monitor for total VOC vapors as well as sensors to monitor for lower explosive limits (LEL), oxygen (O_2), carbon monoxide (CO), and hydrogen sulfide (H_2S). Elevated PID readings were detected at several borings including FP B-13, FP B-13 N 5', FP B-13 E 5', FP B-13 S5', FP B-13 S 10', FP B-13 W 5', FP B-13 W 10', FP A-8, and FP A-3 during the soft dig activities (refer to Figures 4A and 4B for boring locations). During intrusive subsurface drilling activities (temporary piezometer installation), elevated PID readings were detected at FP B-11/PZ B-2, FP B-20/PZ B-3, FP-B-13/PZ B-4, FP A-3/PZ A-1, FP A-4/PZ A-2, and FP A-2/PZ A-4. All other borehole locations had background levels as measured during the field activities.

Soils were classified during soft dig activities and recorded on boring logs (Appendix C). Typically, soils above the water table consisted of silty sands with varying amounts of brick, asphalt, concrete, gravel and cobbles. Upon completion of each borehole, each hole was backfilled with the cuttings removed from that location and the location was marked with orange

flagging for future documentation of the location using Differential Global Positioning System (DGPS).

2.2 Soil Borings

To assess the subsurface conditions within the footprint of the MOSF facility, 48 vertical soil borings were advanced (Figure 4A and 4B). The objective of these borings was to physically characterize subsurface soil conditions and allow for the collection of soil samples for laboratory analysis. In the footprint of Complex B, 20 borings were advanced (FP B-1 through FP B-20) as shown on Figure 4B, and 22 borings (FP A-1 through FP A-22) were advanced within Complex A (Figure 4A). Six additional delineation borings were also advanced within the footprint of Complex B to assess the elevated PID readings noted in soils from the FP B-13 borehole. No samples for laboratory analyses were collected from the six additional delineation borings.

ADT was subcontracted by HDR to advance the soil borings using direct push technology (DPT) drilling methods and tooling. However, due to a shallow water table, DPT was not utilized to collect soil samples but was used to install temporary piezometers. In most cases, the water table was encountered during hand clearing efforts, usually within three or four feet below ground surface (bgs). All borings were advanced to the water table.

A HDR environmental scientist was on-Site during the drilling activities to log soils and collect soil samples for laboratory analyses. Soils from each boring were described in accordance with the Unified Soil Classification System (USCS) and were field screened with the MultiRae combination meter to monitor subsurface soils and headspace of the boring holes. Samples were immediately screened with the MultiRae meter to identify areas where volatile organic vapors and/or methane may be present so that samples representative of a worst case situation could be collected for analyses. Observations and field screening data from each boring was recorded on boring logs, which are included in Appendix C. A summary of the PID readings of all borings is included as Tables 1A and 1B.

In addition to the PID screening, the boreholes were also screened with the other sensors as well. No readings above background LEL concentrations (0% LEL) were noted during the investigation except at FP A-3, where an LEL of 1% was measured during advancement of direct push tooling associated with the temporary piezometer installation. Oxygen, CO, and H_2S readings from the boreholes were the same as background conditions. The readings on the other sensors were the same as background conditions during the investigation activities.

Subsurface soils observed during the subsurface investigation were described as fine to medium sands with varying amounts of silts and debris such as brick, concrete coal, ash, wood and glass. Depths to groundwater ranged from 2.5 to 6 feet bgs.

2.2.1 Soil Sampling and Analyses

As part of this "Footprint" subsurface investigation, 84 soil samples were collected from 42 soil borings. At each boring, one sample was collected from the surface and the second sample from the interval that exhibited the highest PID reading. In the absence of an elevated PID reading, the second sample was collected from the interval immediately above the groundwater table. Upon collection, samples were transferred directly into laboratory-supplied glassware. The portion of the sample collected for VOCs was transferred to the sample containers first followed by the other parameters, as needed. Each container was then labeled with the appropriate sample identification number and sample depth, the analytical parameters to be analyzed, the date and time, as well as the field personnel who collected the samples. Sample containers were then placed in a cooler with ice and sent under chain of custody protocol to TestAmerica, Inc., Shelton, CT, a NYSDOH certified laboratory, via laboratory-provided courier.

Soil samples submitted to the laboratory were analyzed for VOCs using EPA Method 8260B and SVOCs using EPA Method 8270C (base-neutral compounds only). In addition, samples from selected locations were analyzed for Target Analyte List (TAL) metals via EPA Method 6010B, pesticides following EPA Method 8081, PCBs using EPA Method 8082, and modified total petroleum hydrocarbons (TPH) following a modified EPA Method 8015. These locations were selected to provide a representation of conditions across the Site or at a borehole location that exhibited elevated PID reading and/or showed signs of contamination (odors, soil staining or sheen). Tables 2A and 2B provide the soil sample analytical summary.

Upon completion of each borehole, sampling equipment (e.g., Macrocore® sampler) was decontaminated with an Alconox and tap water wash, followed by a de-ionized or distilled water rinse. Drill cuttings that were observed to be impacted were placed in a Department of Transportation (DOT) specified drum for subsequent waste characterization sampling and off Site disposal. Soil from one borehole (FP B-13) showed some evidence of a potential impact with a heavy sheen noted on the soils. Soils from this borehole were drummed, with an estimated volume of approximately 1/3 full. One other borehole (FP A-3) showed signs of being potentially impacted. However, no excess soil from other locations was generated. At borehole locations where no evidence of a potential impact was observed, cuttings were returned to the subsurface at the location that the cuttings were generated.

The location of each boring was surveyed using a DGPS for documentation purposes. Due to the proximity of the borings to adjacent buildings/structures, there was potential that satellite signals could be disrupted, which could distort the plotted location. Therefore, on boreholes where poor satellite distribution was noted, the borehole was triangulated using two fixed points such as fire

hydrants or manholes in addition to using a DGPS. The DGPS data and triangulations were used to prepare a figure that most accurately locates each boring (Figures 4A and 4B).

2.3 Temporary Piezometer Installations

ADT was subcontracted by HDR to advance soil borings and install temporary piezometers at select locations within the footprint of the MOSF tanks. These temporary piezometers were installed using DPT drilling methods and tooling. All borings were advanced continuously in five-foot increments using a 2-inch diameter Macrocore® barrel with dedicated PVC liners. Each borehole was advanced into the water table. HDR installed 9 temporary piezometers within the footprint of the former tank complexes to assess the groundwater conditions beneath the tank farm (Figures 5A and 5B). Each piezometer was offset slightly from the boring location to avoid collecting an excessively turbid groundwater sample which could bias the analytical results. Five piezometers were installed in Complex A and 4 piezometers were installed in Complex B. An HDR environmental scientist was on-Site during the drilling activities to observe the installation process and to log the boreholes. Consistent with the soil borings, subsurface soils observed during the temporary piezometer installations were described in accordance with the Unified Soil Classification System (USCS). Soils collected from borehole advancement were also field screened with a MultiRae meter to monitor subsurface conditions. Observations and field screening data from each boring was recorded on boring logs, which are included in Appendix D.

Upon reaching the termination depth for each borehole, a 10 foot length of 1 inch diameter polyvinyl chloride (PVC), 0.002 inch slot screen was placed in the borehole such that the screened section of each piezometer intersects the water table. Piezometer construction logs documenting the construction details are included as Appendix E and a summary of temporary piezometer construction details is provided on Table 3. Following installation of the temporary piezometers, the groundwater was allowed to equilibrate to near steady state conditions. Once steady state conditions were obtained, the groundwater within the piezometer was gauged with an oil water interface probe to the nearest one-hundredth of a foot to provide a depth to water (DTW) measurement and/or a depth to product (DTP) measurement, if free phase product was encountered. Measurements were recorded from the surrounding ground surface and are included in Appendix F. Groundwater depths ranged from 2.25 feet bgs to 5.85 feet bgs. No measurable free product was encountered in any of the piezometers during this investigation.

2.3.1 Groundwater Sampling and Analyses

As part of this "Footprint" subsurface investigation, one groundwater sample was collected from each of the 9 temporary piezometers; five samples from Complex A and four samples from Complex B.

Upon completion of groundwater gauging, dedicated ¼ inch, inside diameter (ID) low density polyethylene (LDPE) tubing was placed into each temporary piezometer and connected to a variable speed peristaltic pump utilizing laboratory-grade silicone tubing. The piezometers were then purged of approximately 0.33 ounces to 3 gallons (gal) of water in an effort to collect turbid free samples. Purged water was collected in a five gallon pail and was assessed using olfactory senses for impacts for subsequent disposal.

Once turbid free conditions were reached, groundwater samples were collected directly into laboratory supplied glassware. Each container was then labeled with the appropriate sample identification number, parameters to be analyzed, date and time, as well as the field personnel who collected the samples. Sample containers were then placed in a cooler with ice and sent under chain of custody protocol to TestAmerica, Inc., Shelton, CT, a NYSDOH certified laboratory, via laboratory-provided courier.

Purge water was determined to be free of visible contamination (free phase product or heavy sheen) and was then discharged back into the borehole from which it was purged following sample collection.

All groundwater samples were analyzed for VOCs using EPA Method 8260B, SVOCs using EPA Method 8270C (base-neutral compounds only). Also, a sample from PZ A-1 (FP A-3) was analyzed for PCBs using EPA Method 8082 and modified Total Petroleum Hydrocarbon (TPH) following a modified EPA Method 8015, based on the presence of a heavy sheen and elevated PID readings that were noted during borehole advancement.

2.4 Review of MOSF and FYN VCP Groundwater Monitoring Data

In addition to the subsurface soil and groundwater evaluation, six years of MOSF compliance sampling data and three years of Fyn Paint and Lacquer Company, Co. groundwater remediation data were also evaluated as part of this Investigation. This information was previously summarized in the June 2011 Site Investigation Report, but is updated herein considering the groundwater data collected since that investigation. Monitoring well locations associated with the Con Edison MOSF and the Fyn Paint VCP are shown on Figure 3. A summary of the monitoring well construction details is provided on Table 4. A discussion of the analytical results is provided below.

2.4.1 North 1st Street Major Oil Storage Facility Data (MOSF)

As part of the MOSF annual sampling program, four monitoring wells located in proximity to the tank farm were gauged on a monthly basis and sampled on an annual basis. These wells are identified as NTMW-1, NTMW-2, NTMW-3, and NTMW-4, (also referred to as MW-1 through MW-4). Under the MOSF requirements, the samples from these wells were analyzed for SVOCs only, but due to the litigation associated with the Fyn Paint facility, VOCs were subsequently added. Data dating back approximately to 2001 shows that the samples were regularly analyzed for VOCs and SVOCs using EPA Methods SW8260B and SW8270C with some analytes being analyzed using EPA 624/8260B and EPA 625/8270C. In 2007, SVOCs were analyzed using EPA Method SW8270B. Only selected analytes were reported in 2011 using EPA Method SW8021 for VOCs and EPA Method SW8270C for SVOCs. The groundwater samples collected in March 2012 were not submitted for SVOC analyses. Groundwater analytical data for NFST MOSF wells is provided on Table 5.

NTMW-1, installed as a stick-up protective casing well at the west end of Metropolitan Avenue between the two tank farms, had detections of acenaphthene (0.48 ug/l) and anthracene (0.03 ug/l) during the March of 2011 sampling event. However, no other compounds were detected in the 2010 or 2011 sampling events. Although these two compounds were detected at well NTMW-1, the concentrations are well below the most restrictive guidance value in the Division of Water Technical and Operational Guidance Series (1.1.1) (TOGS 1.1.1) of 5.3 ug/l (TOGS Class A waters) for acenaphthene and 3.3 ug/l (TOGS Class A waters) for anthracene. Similarly, toluene (2.2 ug/l) was detected in NTMW-1 in March 2012, but this concentration is below the groundwater quality standard of 5 ug/l.

MOSF Well NTMW-2 was installed with a stick-up protective casing at the west end of North First Street. Within the last two years (2010 and 2011), no VOCs or SVOCs were detected at concentrations above their associated detection limits at MOSF Well NTMW-2. No VOCs were detected in the sample collected from NTMW-2 in March 2012.

MOSF well NTMW-3 was installed with flush mount surface completion near the west end of North Third Street. Analyses of a sample collected from NTMW-3 showed no compounds were detected in the March 2010 sampling event. However, in March of 2011, several SVOCs were detected. These compounds are summarized in Table 5. NTMW-3 is located between the oil storage facility and a new apartment building, in a publicly accessible area. Due to the street cleaning, snow clearing and potentially public access, the well had been compromised. Construction associated with the redevelopment of North 3rd Street and the new apartment building has further damaged the monitoring well. The well was subsequently closed in accordance with New York State Department of Environmental Conservation procedures in

November 2011 due to its being compromised. These detections are possibly the result of stormwater runoff entering the compromised well.

NTMW-4 was installed as a flush mount well within the sidewalk along the west side of River Street between Metropolitan Avenue and North First Street. It is the closest MOSF monitoring well to the Fyn Paint and Lacquer building. Several VOCs have been detected in the samples collected from this monitoring well over the past two years. No SVOCs were detected above detection limits in either the March 2010 or March 2011 sampling events. In March 2012, three chlorinated VOCs (chlorobenzene at 5.9 ug/l, cis-1,2-dichloroethene at 3.4 ug/l, and 1,1-dichloroethane at 3.9 ug/l) were detected in this well. However, only the chlorobenzene concentration was above the groundwater quality standard.

2.4.2 Fyn Paint and Lacquer Site

The Fyn Paint VCP groundwater monitoring program currently consists of quarterly sampling of up to 30 wells and piezometers for VOCs. However, several wells were subsequently removed or reduced to annual sampling from the Fyn Paint monitoring program due their distance from the Fyn Paint contamination source. Because of the proximity of these Fyn Paint wells to the MOSF, the data set was reviewed to assess groundwater conditions within the NFST MOSF vicinity. Of the wells monitored as part of the Fyn Paint VCP, nine wells are immediately adjacent to the NFST MOSF. In addition to the four Con Edison MOSF wells (NTMW-1 through NTMW-4), these nine wells also include MW-10, MW-12, MW-14, GP-2, and CE-4. Although quarterly groundwater samples collected as part of the Fyn Paint VCP investigation date back to February 2008 and seven sporadic groundwater sampling events occurred from September 2001 through March 2007, only the data collected from the first quarter 2009 through first quarter 2012 are summarized herein. Groundwater analytical data for Fyn Paint VCP wells adjacent to the MOSF wells is provided on Table 6 and a summary of all Fyn Paint VCP wells is included as Appendix G.

Over the past three years, approximately 275 groundwater samples were collected for the Fyn Paint VCP, excluding quality control samples, and analyzed for VOCs following EPA Method 8260. VOCs are the primary contaminants of concern associated with the Fyn Paint site and several VOCs were detected at concentrations in excess of TOGS 1.1.1 Groundwater Quality Standards (GWQS). The predominant Fyn Paint contaminants of concern - acetone, benzene, toluene, ethylbenzene, and total xylenes - were detected most frequently and at the highest concentrations of the VOCs.

Acetone was detected at levels above the GWQS of 5 ug/l in eight Fyn Paint VCP wells: ASW-1 (sampled one time only), EW-1, MW-15, MW-16, MW-21, MW-22, MW-24, and MW-28.

None of these wells are adjacent to the NFST MOSF. Concentrations ranged from 11 ug/l in the MW-24 sample (2nd quarter 2011) to 800,000 ug/l in the MW-28 sample (2nd quarter 2010). In general, concentrations have fluctuated from event to event with the lowest average concentrations being detected in November 2009. According to the LBG report, the decrease noted between June 2010 and September 2010 can be attributed to the start-up of the groundwater pump and treat system at the end of August 2010. However, the variation in concentrations may also be attributed to other factors such as seasonal fluctuations, sampling methods, or hydrogeologic factors. Acetone is not a constituent of fuel oil. It is known to have been used at the Fyn Paint facility.

In both the MOSF and Fyn Paint VCP wells, benzene concentrations in the groundwater samples range from 1.3 ug/l reported in February 2009 at MW-8 to 360 ug/l reported in September 2010 at MW-13. Benzene was also detected in 11 additional wells over the course of the thirteen sampling events: EW-1, GP-1, MW-4, MW-6, MW-9A, MW-10, MW-15, MW-16, MW-21, MW-24, and MW-28, each of which is associated with the Fyn Paint VCP. With the exception of MW-10, these wells are either cross gradient or upgradient of the MOSF. The benzene concentration detected in MW-10 was 2.2 ug/l, during the second quarter of 2010. Benzene was not detected in this well during the 12 other quarters in this three year period. Based on the distribution of the benzene concentrations, the source of the benzene is likely an off-Site source or sources.

For the Fyn Paint VCP investigation, toluene concentrations ranged from 2.6 ug/l at MW-8 in June 2010 to 430,000 ug/l at MW-13 in March the 3rd quarter of 2011. Toluene was detected in 155 samples with 151 sample concentrations exceeding the GWQS of 5 ug/l. A general comparison of the concentration detected during the sampling events indicates a slight increase of toluene in the groundwater quality samples over this timeframe. Of the wells immediately adjacent to the MOSF, toluene was most frequently detected in the sample collected from MW-12 with the highest concentration (13,000 ug/l) detected in May 2009. Over the past three years, the samples collected from MW-4 in February 2010 (30 ug/l), from MW-10 in June 2010 (1,100 ug/l) from MW-14 in December 2011 (29 ug/l), MW-20 in September 2010 (30 ug/l), and from CE-4 in December 2009 (42 ug/l) were the only other wells immediately adjacent to the MOSF that showed detections for this compound. Considering the toluene distribution, the MOSF does not appear to be a source of this compound.

For the Fyn Paint VCP investigation, the concentrations of ethylbenzene range from 2.1 ug/l as reported at MW-10 in December 2010 to 34,000 ug/l at MW-22 in September 2011. Of the 147 samples where ethylbenzene was detected, 135 concentrations exceeded the GWQS of 5 ug/l. Of the wells immediately adjacent to the MOSF, ethylbenzene was most frequently detected in

MW-12, with the highest concentrations (15,000 ug/l in May 2009 and March 2010). Ethylbenzene was also detected in 4 other wells, MW-4 (high of 150 ug/l, March 2010), MW-10 (high of 1,100 ug/l, June 2010), MW-20 (high of 19 ug/l, September 2010) and CE-4 (detected only once in March 2011 at 16 ug/l).

The overall concentrations of total xylenes have been decreasing on average over the last two years though the number of detects per sampling event have risen indicating that the concentration of xylenes in the groundwater is becoming more dispersed over time. Total xylenes have been detected above the GWQS of 5 ug/l in 176 of the 275 samples collected. A maximum concentration of 144,000 ug/l was detected at MW-22 in September of 2011 and the lowest detected concentration of 2.1 was recorded at MW-27 in March of 2011.

Eleven other compounds were also detected at concentrations exceeding the GWQS in wells adjacent to the MOSF include 2-butanone, chlorobenzene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, 1,1-dichloroethane, 1,2-dichlorobenzene, isopropylbenzene, 1,2,3-trichloropropane, trichloroethene, vinyl chloride, and tetrahydrofuran. None of these compounds are associated with fuel oil. The source of these compounds is unclear although documentation exists regarding Fyn Paint's use of 2-butanone.

Naphthalene, a common constituent of fuel oils, was not detected in any of the groundwater samples collected over this three year period.

2.5 Review of Soil Gas Sampling Data

In addition to groundwater results, historic soil vapor data associated with the Fyn Paint VCP were also evaluated. As part of the Fyn Paint VCP, the nearest soil gas point to the MOSF was installed at the northwest corner of North First Street and River Street. Based on the results of a soil gas sample collected from that point indicated 1,1,1-trichloroethane (TCA) was present in the soil vapor at a concentration of 680 micrograms per cubic meter ($\mu g/m^3$), as presented in LBG's *Soil Vapor Intrusion Investigation Work Plan* (LBG, 2007). Under the New York State Department of Health Guidance for Vapor Intrusion, TCA concentrations in sub-slab samples are actionable for monitoring or mitigation at 100 $\mu g/m^3$. TCA is not a component of No. 6 fuel oil, but is a solvent used in inks, paints, adhesives and other coatings.

3. ANALYTICAL RESULTS DISCUSSION

3.1 Soil Boring Results

The analytical results of the samples collected during the 2012 "Footprint" Investigation were compared to NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and

Protection of Groundwater SCOs. Based on the laboratory analytical results of the 84 samples (42 surface, and 42 subsurface samples), the soils across the Site generally appear consistent. However, exceedances of some of the above SCOs are reported. A summary of the number of samples with one or more SCO exceedances is presented in the following table (Manhattan Background concentrations for SVOCs and metals are also listed for comparative purposes).

Sample Parameter	No. of Samples Collected	Unrestricted Use SCO	Protection of Groundwater SCO	Manhattan Background
VOCs	84	11	11	NA
SVOCs	84	35	30	15
Pesticides	17	7	0	NA
PCBs	17	3	0	NA
Metals	17	17	4	3

Figures 6A, 6B, 7A, 7B, and 8A, 8B show the locations with exceedances of the Unrestricted Use, and Protection of Groundwater SCOs as well as compared to Manhattan Background soil concentrations (The RETEC Group, 2007) for Complex A and Complex B. A summary of the surface soil analytical results with comparison to the Unrestricted land use SCOs is presented in Tables 7A and 7B. Tables 8A and 8B provides a summary of the subsurface analytical results in comparison to the Unrestricted land use SCOs. A summary of surface soil analytical results in comparison to Protection of Groundwater SCOs is presented in Tables 9A and 9B. Tables 10A and 10B provide a summary of subsurface soil analytical results in comparison to Protection of Groundwater SCOs. Tables 11A and 11B provide a summary of surface soil analytical results in comparison to Manhattan Background, and Tables 12A and 12B provide a summary of subsurface soil analytical results in comparison to Manhattan Background concentrations. The complete analytical data packages are included as Appendix H.

3.1.1 Complex A

As part of this investigation, 22 borings were advanced within the "Footprint" of the MOSF at Complex A. One surface sample (22 total samples) and one subsurface sample (also 22 total samples) were collected from each location. Samples were analyzed at a NYSDOH certified lab for VOCs and SVOCs. From select locations, samples for pesticides, PCBs, and TAL metals analyses were also collected. If elevated PID readings or visual signs of contamination were noted, a modified TPH analysis was also requested. Analytical results were compared to Unrestricted Use SCO, Protection of Groundwater SCOs, and Manhattan Background

concentrations. A summary of the analytical results are included as Table 7A, 8A, 9A, 10A, 11A, and 12A, and a graphic summary is included as Figure 6A, 7A, and 8A.

Eleven out of the 22 surface samples collected have concentrations above Part 375 Unrestricted Use SCOs. Six samples contained VOC exceedances, four samples contained SVOC exceedances, five samples contained metal exceedances, one sample exceeded for pesticides and one sample exceeded for PCBs.

Acetone was the only VOC detected at concentrations greater than the Unrestricted Use SCO of 50 ug/kg. Analytical results of acetone ranged from 51 ug/kg to 220 ug/kg. No other VOC compounds were detected at concentration in excess of their respective SCO.

Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were the only SVOCs detected at concentrations above their respective Unrestricted Use SCOs. In the surface samples, concentrations of these PAH compounds ranged from 620 ug/kg (indeno(1,2,3-cd)pyrene) in borehole FP A-17 SUR to 1,800 ug/kg (benzo(b)fluoranthene) in FP A-4 SUR.

Concentrations of five metal compounds (chromium, copper, lead, zinc, and mercury) exceed their respective Unrestricted Use SCOs in the surface samples. Chromium was detected in all five samples where Unrestricted Use SCOs were exceeded. Concentration of chromium ranged from 10.4 ug/kg (FP A-21 SUR) to 26.8 ug/kg in samples FP A-4 SUR. Lead and zinc were detected in 3 samples (FP A-1 SUR, FP A-4 SUR and FP A-15 SUR) at concentrations above the Unrestricted Use SCOs. Lead concentrations ranged from 106 mg/kg in FP A-1 SUR to 181 mg/kg in FP A-15 SUR above the Unrestricted Use SCO of 63 mg/kg. Zinc concentrations ranged from 131 to 179 mg/kg, above the Unrestricted Use SCO of 109 mg/kg. Copper and mercury were detected above the Unrestricted Use SCO in 2 samples each. Copper was detected above the Unrestricted Use SCO of 50 mg/kg in samples collected from FP A-1 SUR (62.2 mg/kg) and FP A-15 SUR (67.9 mg/kg). Both exceedances are on the same order of magnitude as the SCO. Mercury was also detected in 2 samples collected (FP A-15 SUR and FP A-21 SUR). Concentrations ranged from 0.29 mg/kg to 0.98 mg/kg, above the Unrestricted Use SCO of 0.18 mg/kg.

Pesticides and PCBs were also detected above Unrestricted Use SCO in one sample (FP A-4SUR). Pesticide concentrations were on the same or one order of magnitude above the respective SCO. Concentrations of 4,4'-DDD, 4,4'-DDT and dieldrin were detected above the Unrestricted Use SCOs of 3 ug/kg, 3 ug/kg, and 5 ug/kg respectively. Concentrations ranged from 7.1 ug/kg (dieldrin) to 19 ug/kg (4,4'-DDT). Aroclor 1254 was the only PCB that was detected. The Aroclor 1254 concentration detected was 220 ug/kg, which is above the Unrestricted Use SCO of 100 ug/kg (for total PCBs).

At Complex A, the surface sample that appears to be most impacted was collected at FP-A-4, where VOCs, SVOCs, pesticides, PCBs and metals concentrations all exceeded the Unrestricted Use SCOs.

Results of the subsurface samples show exceedances of the Unrestricted Use SCOs at nine locations: FP-A-3, FP-A-8, FP-A-13, FP-A-15, FP-A-16, FP-A-17, FP-A-20, FP-A-21, and FP-A-22. VOCs exceeded the Unrestricted Use SCO at FP-A-3 and FP-A-15. At FP-A-3, concentrations of ethylbenzene, toluene and total xylenes were above the Unrestricted Use SCOs of 1,000 ug/kg, 700 ug/kg, and 260 ug/kg, respectively. At FP-A-15, the acetone concentration (55 ug/kg) exceeded the Unrestricted Use SCO of 50 ug/kg.

In the subsurface samples, five of twenty-two samples were reported to have SVOC concentrations exceeding the Unrestricted Use SCOs. The SVOCs with concentrations exceeding the Unrestricted Use SCOs are PAHs, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene. In general, the concentrations of these compounds were an order of magnitude above the Unrestricted Use SCOs. However, not all compounds exceeded the Unrestricted Use SCOs in each of the five samples. The sample collected from FP-A-16 appears to have the highest SVOC concentrations detected.

Metal concentrations exceeded the Unrestricted Use SCOs in each of the four subsurface samples collected for metal analyses. Chromium concentrations exceeded the SCO in each sample whereas lead and mercury concentrations exceeded the SCO in two of the four samples (FP-A13 and FP-A-21). Barium, copper, and nickel exceeded the Unrestricted Use SCO in one sample only, FP-A-21. With the exception of nickel, each exceeding concentration at FP-A-21 was an order of magnitude above the cleanup objective.

PCBs and pesticides were detected at concentrations exceeding the Unrestricted Use SCOs in two of the four subsurface samples collected for these analyses (FP-A-13 and FP-A-21). At FP-A-13, 4,4'-DDT (5.9 ug/kg) and Aroclor 1254 (110 ug/kg) were detected above the Unrestricted Use SCOs of 3 ug/kg and 100 ug/kg, respectively. At FP-A-21, three pesticides, 4,4'-DDD (11 ug/kg) 4,4'-DDE (6.9 ug/kg) and 4,4'-DDT (13 ug/kg) had concentrations exceeding the Unrestricted Use SCO of 3 ug/kg for each pesticide. Concentrations of Aroclors 1254 (62 ug/kg) and 1260 (61 ug/kg) in the FP-A-21 subsurface sample were below the Unrestricted Use SCO, but the total PCB concentration of 123 ug/kg was above the 100 ug/kg cleanup objective.

With respect to the Protection of Groundwater SCOs, one VOC, three SVOCs, and one metal were reported to have concentrations that exceed the guidance in surface soil samples. Acetone

exceeded the Protection of Groundwater SCO (50 ug/kg) in six samples with the high concentration of 220 ug/kg in sample FP A-11 SUR. The other acetone Protection of Groundwater SCO exceedances were slightly over the SCO with concentrations ranging from 51 ug/kg to 63 ug/kg, on the same order of magnitude as the SCO. The three SVOCs that exceeded the Protection of Groundwater SCOs in the surface samples were benzo(a)anthracene and chrysene, both in three samples (FP A-4 SUR, FP A-7 SUR, and FP A-13 SUR) and benzo(b)fluoranthene in one sample (FP A-4 SUR). Chromium is the only metal with Protection of Groundwater SCO exceedances, occurring in two samples, FP A-1 SUR and FP A-4 SUR, with concentrations of 21.4 ug/kg and 26.8 ug/kg, respectively.

For the subsurface samples, the Protection of Groundwater SCOs were exceeded for VOCs, SVOCs, and metals. Samples with VOC exceedances include FP-A-3 (4.0-4.5) where ethylbenzene, toluene and total xylenes exceeded the criteria and FP-A-15 (4.0-4.5) where acetone exceeded the criteria. The samples with SVOC Protection of Groundwater exceedances include FP-A-16 (3.5-4.0), FP-A-21 (4.5-5.0) and FP-A-22 (3.5-4.0). The specific SVOCs that exceeded the criteria include benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene. Metals that exceeded the Protection of Groundwater SCOs include chromium in FP A-8 (4.0-4.5), and barium, chromium, lead and mercury in FP-A-21 (4.5-5.0).

The SVOC and metal analytical results were also compared to background PAH and metal concentrations in Manhattan soils in combination with the Unrestricted Use SCOs. At Complex A, there were no exceedances of both combined criteria in any of the surface soil samples. For the subsurface samples, three locations, FP-A 16 (3.5-4.0), FP A-21 (4.5-5.0), and FP A-22 (3.5-4.0), each had 7 PAHs with concentrations that exceeded both criteria. Only one subsurface sample, FP A-21 (4.5-5.0), had metals with concentrations exceeding both criteria. These metals include barium, chromium, copper, and nickel.

3.1.2 Complex B

As part of this investigation, 20 borings were advanced within the “Footprint” of the MOSF at Complex B. One surface sample (20 total samples) and one subsurface sample (also 20 total samples) were collected from each location. Samples were analyzed at a NYSDOH certified lab for VOCs and SVOCs. From select locations, samples for pesticides, PCBs, and TAL metals analyses were also collected. If elevated PID readings or visual signs of contamination were noted, a modified TPH analysis was also requested. Analytical results were compared to Unrestricted Use SCO, Protection of Groundwater SCOs, and Manhattan Background soil concentrations. Summaries of the analytical results for the surface and subsurface samples are

included as Table 7B, 8B, 9B, 10B, 11B, and 12B, and graphic summaries are included as Figure 6B, 7B, and 8B.

VOC analytical results show only one compound (acetone) with a reported concentration above the Unrestricted Use SCOs in surface soils. The acetone concentration was 51 ug/kg, above the SCO of 50 ug/kg. No other VOCs were detected in surface soil samples at concentrations exceeding the Unrestricted Use SCOs. Of the subsurface samples, only two locations, FP-B-11 3.5' and FP-B 17 4.5', had exceedances of the Unrestricted Use SCOs. In the FP-B-11 3.5' sample, concentrations of benzene (180 ug/kg), ethylbenzene (1,300 ug/kg) and total xylenes (1,600 ug/kg) exceeded the SCOs of 60 ug/kg, 100 ug/kg, and 260 ug/kg, respectively. At FP-B-17 4.5', the acetone concentration (97 ug/kg) was above the Unrestricted Use SCO of 50 ug/kg. However, this concentration was flagged with a "B", indicating it was also detected in the method blank associated with that sample.

At Complex B, concentrations of several SVOCs exceeded the Unrestricted Use SCOs. Of the 20 surface soil samples, 11 samples had one or more SVOC with concentrations exceeding the Unrestricted Use SCOs. These compounds included up to 8 PAHs, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzofuran, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene, that exceeded the Unrestricted Use SCOs. Of these compounds, benzo(b)fluoranthene and chrysene had the most exceedances (10) in the surface samples. The surface soil samples with the highest concentrations appear to be FP-B-2 S and FP-B-7 S.

For the subsurface soil samples, 15 of the 20 samples collected had SVOC exceedances above the Unrestricted Use SCOs. These individual SVOCs are the same compounds listed above for the surface soil samples. In general, the detected concentrations were on the same or one order of magnitude above the Unrestricted Use SCOs. The subsurface sample with the highest concentrations is FP-B-11 3.5', where the concentrations were generally an order of magnitude above the cleanup objectives. This subsurface sample is the only location where naphthalene was detected at a concentration exceeding the Unrestricted Use SCO. The naphthalene concentration at this location was reported at 13,000 ug/kg, above the cleanup objective of 12,000 ug/kg.

Pesticides were detected in four samples at concentrations exceeding the Unrestricted Use SCOs. These samples include two surface samples, FP-B-16 S and FP-B-17 S, and two subsurface samples, FP-B-2 3' and FP-B-20 4.5'. The specific pesticides that exceeded the Unrestricted Use SCOs include 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT. The exceedances were generally on the same or one order of magnitude above the SCOs.

PCB concentrations did not exceed the Unrestricted Use SCOs in any sample collected from Complex B during this investigation. The highest detected concentration was 72 ug/kg of Aroclor 1254 in sample FP-B-20 4.5'.

Metal concentrations exceeded the Unrestricted Use SCOs in 8 surface and subsurface soil samples at Complex B. The specific metals include barium, chromium, copper, lead, mercury, and zinc. With the exception of lead and copper, the exceedances were on the same order of magnitude as the cleanup objectives. The highest detected lead concentration was 274 mg/kg in sample FP-B-17 S, above the Unrestricted Use SCO of 63 mg/kg. The highest detected copper concentration was 154 mg/kg in sample FP-B-16 S, above the cleanup objective of 50 mg/kg. No other metal concentrations exceeded the Unrestricted Use SCOs at Complex B.

Protection of Groundwater SCOs were exceeded for VOCs in three samples at Complex B. The specific VOCs include acetone in the duplicate sample of FP-B-3 S and FP-B-17 4.5' and both benzene and ethylbenzene in FP-B-11 3.5'. With the exception of the benzene concentration, the exceedances were on the same order of magnitude as the SCO. The benzene concentration was one order of magnitude above the SCO.

Five individual SVOCs were reported with concentrations exceeding the Protection of Groundwater SCOs in the surface and subsurface samples. These compounds include benzo(a)anthracene (in 22 samples), benzo(b)fluoranthene (in 12 samples), benzo(k)fluoranthene (in 3 samples), chrysene (in 24 samples), and naphthalene (in one sample). In general, the exceedances were on the same order of magnitude as the SCO. The most impacted boring with respect to this criteria is FP-B-11 3.5', where the exceedances were an order of magnitude above the SCOs.

At Complex B, there were no reported concentrations of pesticides, PCBs, or metals that exceeded the Protection of Groundwater SCOs.

A comparison of the analytical results with the Soil Background PAH and Metal Concentrations combined with the Unrestricted Use SCOs show that 12 samples have PAH exceedances and two samples have metal exceedances (see Tables 11B and 12B). The PAH exceedances are likely due to the presence of creosote treated piles spaced 4 to 6 feet apart throughout Complex B. The two samples with metal exceedances are samples of FP-B-16S and FP-B-17S, where barium, copper and zinc concentrations were greater than the criteria. The barium concentration at FP-B-17S is 425 mg/kg versus the background concentration of 248 mg/kg. For copper at FP-B-16S, the detected concentration was 154 mg/kg, above the background concentration of 141 mg/kg. Zinc concentrations exceeded the background concentration (5.5 mg/kg) and the Unrestricted Use SCO (109 mg/kg) in both FP-B-16S (274 mg/kg) and FP-B-17S (369 mg/kg).

3.2 Temporary Piezometer Results

To assess groundwater quality beneath the footprint of the MOSF Tanks and to assess whether historic operations have impacted Site groundwater, 9 temporary piezometers were installed beneath the MOSF footprint. These 9 temporary piezometers include 5 piezometers (PZ A-1 through PZ A-5) beneath Complex A and 4 piezometers beneath Complex B (PZ B-1 through PZ B-4). Summary tables of the analytical data are included as Tables 13A and 13B. Figures 9A and 9B show analytical data with respect to the sample locations.

3.2.1 Complex A

Analytical results show that 7 VOCs and 7 SVOCs were detected in Site groundwater above applicable TOGS 1.1.1 GWQS or guidance values. Acetone, benzene, tetrachloroethene, toluene, ethylbenzene, styrene, and total xylenes were the VOCs detected above the GWQS or guidance values at Complex A. Toluene, ethylbenzene, and total xylenes were detected in concentrations that are four to five orders of magnitude above the GWQS and guidance values. These VOCs are typically not indicative of No. 6 fuel oil, especially at these concentrations. The origin of these compounds is likely associated with the FYN Paint and Lacquer VCP site, which is upgradient of Complex A.

Acetone was detected in three of the five samples with one concentration exceeding the guidance values. Acetone is also a contaminant of concern at the Fyn Paint site. The tetrachloroethene concentration is one order of magnitude above the groundwater standard but was reported as an estimated concentration due to the dilution factor associated with the toluene, ethylbenzene and total xylene concentrations. The source of tetrachloroethene, which was detected in only one sample, is not known.

Analytical data results also suggest that Site groundwater has been impacted by SVOCs. Total phenolic compounds (phenol, 2-methylphenol, 4-methylphenol, 2,4-dimethylphenol), benzo[a]anthracene, bis(2-ethylhexyl)phthalate, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, and indeno[1,2,3-cd]pyrene were detected at concentrations above applicable standards and guidance values. Concentrations ranged from 0.27 ug/l (benzo[a]pyrene in PZ A-4) to 75 ug/l (total phenolic compounds) in PZ A-1. Although these compounds are in exceedance of their respective TOGS 1.1.1 groundwater standard and guidance values, the compounds are not indicative of an impact associated with the MOSF tanks due to the absence of naphthalene. Naphthalene is a common indicator of fuel oils. The impacts associated with the polyaromatic hydrocarbons (PAHs) is likely more indicative of urban fill, whereas the phenolic compounds may be indicative of contaminants associated with the creosote piles or possibly

construction and building materials. However, creosote piles were not present at Complex A; thin walled, cast in place 60 ton concrete piles were present under this complex.

3.2.2 Complex B

To assess the groundwater quality beneath Complex B, four temporary piezometers were installed. Analytical results show that 4 VOCs and 12 SVOCs have been detected in Site ground water above applicable TOGS 1.1.1 GWQS or guidance values. VOCs detected above the GWQS/Guidance Values include benzene, toluene, ethylbenzene and total xylenes (BTEX). Although the BTEX compounds are often associated with gasoline, these compounds are also associated with creosote and Complex B contains numerous wood piles which were likely treated with creosote. These compounds are also associated with the upgradient Fyn Paint site, although the distance and cross gradient direction likely rule that property out as a source. Acetone and 2-butanone were also detected, but at concentrations below the TOGS guidance values. These compounds are also associated with the Fyn Paint site.

SVOCs detected in groundwater at Complex B include phenols (2-methylphenol, 4-methylphenol, 2,4-dimethylphenol), naphthalene, acenaphthene, fluorene, phenanthrene, benzo[a]anthracene, bis(2-ethylhexyl)phthalate, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, and indeno[1,2,3-cd]pyrene. The distribution of these compounds at Complex B is generally inconsistent. For example, total phenols were detected in concentrations exceeding the guidance values at PZ-B-1, PZ-B-2, and PZ-B-4 but not detected at PZ-B-3 whereas naphthalene exceeded the guidance values at PZ-B-2, PZ-B-3 and PZ-B-4, but not detected at PZ-B-1 and detected but at an estimated concentration in the PZ-B-1 duplicate sample. Acenaphthene was the only SVOC that exceeded the guidance value in each of the four groundwater samples.

With the exception of the SVOCs with low guidance values (0.002 ug/l), the exceeding concentrations were mostly on the same order of magnitude as the guidance values. However, the total phenols and naphthalene concentrations were two orders of magnitude above the guidance values. Considering the numerous and closely spaced piles at Complex B, the creosote piles are the likely source of those compounds.

4. CONCLUSIONS

The Site soil encountered during this investigation largely consists of urban fill. The analytical data for VOCs, SVOCs, pesticides, PCBs and metals are generally consistent with the chemical composition of urban fill or associated with creosote treated piles, which exist at Complex B. At Complex A, there appears to be two primary areas where elevated concentrations were detected.

One area is at the southeast corner of the complex, near the intersection of North First Street and River Street. A second area is near the East River, at the northwest corner of Complex A.

Near the southeast corner of the Site, VOCs have been impacted this area by contaminants that appear to be migrating from the Fyn Paint facility. Concentrations of ethylbenzene, toluene and total xylenes are in the double to triple digit part per million (ppm) range in the subsurface sample (FP A-3) collected at the water table in this area. Based on the results of soil samples collected from the surrounding borings (FP A-2, FP A-4, and FP A-5), the impacted area does not appear to extend far onto the Site. However, the groundwater sample collected at PZ A-4, which corresponds with soil sample location FP A-2, shows ethylbenzene and total xylene concentrations that are three and four orders of magnitude above the TOGS 1.1.1 GWQS. Therefore, the impacted groundwater apparently migrating from the Fyn Paint facility does not appear to be fully delineated to the northwest. Groundwater samples collected at PZ A-2 and PZ A-3, which were installed to the west of PZ A-1 have significantly lower concentrations of toluene, ethylbenzene and total xylenes.

Near the northwest corner of the Site, the area appears to be impacted by PAHs as evidenced by certain compounds exceeding the Unrestricted Use SCOs in subsurface soil samples and specifically those samples collected at FP A-16, FP A-21 and FP A-22. These samples are contiguous with respect to the sampling grid and may suggest a separate fill source from the rest of Complex A as no other sample location had PAH concentrations on this order of magnitude. Two other sample locations, FP A-17 and FP A-20, had SVOC exceedances of the Unrestricted Use SCOs (one and two exceedances, respectively). Therefore, the impacted fill appears to be horizontally delineated in this area.

For Complex B, the impacted area appears to be more widespread and less isolated considering 24 of the 40 samples collected have one or more SVOC concentrations that exceed the Unrestricted Use SCOs. Of these, 10 surface soil and 14 subsurface soil samples (24 total) have one or more SVOCs with concentrations that exceed the Unrestricted Use SCOs. Only 12 of the 40 surface and subsurface samples at Complex B have concentrations above the Manhattan background concentrations. These samples include seven surface samples and five subsurface samples.

However, with the exception of acetone at FP-B-3 S DUP (51 ug/kg) and FP-B-17 4.5' (97 ug/kg) and benzene, ethylbenzene and total xylenes at FP-B-11 3.5', no VOC concentrations exceeded the Unrestricted Use SCOs. Also, PCBs were not detected above the Unrestricted Use SCOs. Although a few metals were detected at concentrations exceeding the Unrestricted Use SCOs, only the zinc concentrations in FP-B-16 S and FP-B-17 S, the copper concentration in FP-B-16 S and the barium concentration in FP-B-17 S exceeded the Manhattan Background soil

concentrations. Considering the presence of PAHs and a lack of metals within Complex B, it is believed that the impacted soil is associated with the creosote piles as opposed to the urban fill that exists at this complex. Groundwater analytical data of samples collected from Complex B also supports this conclusion. Total phenols were detected in three of the four groundwater samples collected at Complex B, with concentrations exceeding the TOGS 1.1.1 GWQS. Phenols may be indicative of creosote related impacts.

Data collected during the perimeter investigation also suggests the presence of creosote treated wood as a potential source of Site contaminants. During the perimeter investigation, the SVOCs detected in the B9 sample were reported at higher concentrations in comparison to the remaining sampling locations. The boring log for B9 notes that the 6 to 10 foot interval (bgs) consisted mainly of wood. Boring B9 was near the southwest corner of Complex B and also had exceedances of Unrestricted Use SCOs for SVOCs. Based on historical Site use, it is possible that the wood may have been the remnants of a wooden support pile or railroad tie. The SVOC concentrations in the sample collected at B9 may be indicative of preserved wood and had impacted the sample collected from this boring.

In summary, the reported concentrations for the samples collected during this investigation do not appear to be indicative of any potential release from the MOSF. For the most part with some exceptions, the exceedances are within the same order of magnitude as Part 375 Unrestricted Use SCOs. Based on the analytical data, and meter readings and field observations during this investigation, there is no apparent indication of an impact to soil or groundwater caused by leakage from any of the tanks, ancillary piping, accidental discharges or other Site related activities.

However, it appears that contaminants of concern from the upgradient FYN property are evident at the southeastern side of Complex A, particularly noted by the toluene, ethylbenzene, and total xylenes concentrations detected in the soil and groundwater samples. The presence of these compounds, plus acetone in other samples, in the soil and groundwater suggests migration of impacted groundwater from an upgradient source is occurring. Migration of impacted groundwater is further supported by the historical groundwater sample results of wells installed along the east and south sides of Complex A, where toluene, ethylbenzene, xylenes and other paint manufacturing related chemicals have been detected. Based on the reported concentrations of these contaminants, the impact to groundwater at the Site from activities at the FYN property appears to be significant and continuing migration of the impacted groundwater is ongoing. The predominant migration pathway of these contaminants though the soils is via groundwater movement.

5. REFERENCES

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Tables

Table 1A
BOREHOLE SUMMARY - COMPLEX A
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP A-1	Fill: F. to M. SAND trace silt and gravel	6.0	6.0	ND		
FP A-2	Fill: F. to M. SAND trace silt and gravel	5.0	5.0	ND		
FP A-3	Fill: F. to M. SAND trace silt varying amounts of concrete, mica schist cobbles, and gravel	5.5	4.5	265 - 839	4.5 to 5.5'	Strong Solvent Type Odor
FP A-4	Fill: F. to M. SAND varying amounts of silt, concrete, and gravel	4.5	4.5	ND		
FP A-5	Fill: F. to M. SAND trace silt and garvel	4.0	3.5	ND		
FP A-6	Fill: F. to M. SAND trace silt and gravel	5.0	4.0	ND		
FP A-7	Fill: F. to M. SAND trace silt varying amounts of glass, brick and gravel	5.0	4.5	ND		
FP A-8	Fill: F. to M. SAND trace silt and gravel	5.0	4.5	3 to 7	surface	Slight Petroleum Odor
FP A-9	Fill: F. to M. SAND trace silt varying amonts of brick and gravel	4.5	4.0	ND		
FP A-10	Fill: F. to M. SND varying amounts of brick, ash and gravel	5.5	5.0	ND		
FP A-11	Fill: F. to M. SAND trace silt varying amounts of cobbles and gravel	4.5	4.0	ND		

Table 1A
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SITE INVESTIGATION REPORT
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87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP A-12	Fill: F. to M. SAND varing amounts of silt, concrete, coal, wood (cresote pile) and gravel	5.0	4.0	ND		
FP A-13	Fill: F. to M. SAND trace silt varying amount of gravel, brick and glass	5.0	4.0	ND		
FP A-14	Fill: F. to M. SAND trace silt varing amount of wood, concrete and brick	5.5	5.0	ND		Wooden cribbing at 3 to 4 feet
FP A-15	Fill: F. to M. SAND varing amounts of silt, brick, concrete, ash, wood, and glass	5.0	4.5	ND		
FP A-16	Fill: F. to M. SAND trace silt varing amounts of ash, cinders, coal, briak, slag and gravel	4.5	4.0	ND		
FP A-17	Fill: F. to M. SAND varing amounts of silt, brick, glass, caol, concrete and gravel	4.0	3.0	ND		
FP A-18	Fill: F. to M. SAND trace silt varying amounts of brick, coal, glass, gravel, and cobbles	5.0	4.0	ND		
FP A-19	Fill: F. to M. SAND varing amounts of silt, concrete, brick, ash, wood and gravel	5.5	5.0	ND		

Table 1A
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SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP A-20	Fill: F. to M. SAND varing amounts of silt, ash, cinders, brick, wood and gravel	3.5	3.0	ND		
FP A-21	Fill: F. to M. SAND varing amounts of silt, concrete, brick, wood, metal, ash, cinders, and gravel	5.0	5.0	ND		
FP A-22	Fill: F. to M. SAND varing amounts of silt, concrete, wood, glass, and gravel	4.5	4.0	ND		
PZ A-1 (FP A-3)	Fill: F. to M. SAND varing amounts of silt, brick, and gravel to 5'. F. to M. SAND trace silt, varying amounts of gravel to 10'.	10.0	2.52	.6 to 2708	0 to 10'	Moderate to Strong Solvent Odor
PZ A-2 (FP A-4)	Fill: F. to M. SAND vbarying amounts of silt, brick and gravel to 5'. F. to M. SAND some silt and trace gravel to 10'	10.0	2.51	.7 to 3.0	0 to 4'	No Odor
PZ A-3 (FP A-5)	Fill: F. to M. SAND some silt and concrete to 4'. F. to M. SAND varying amounts of silt to 9.5'. Clay to 10'.	10.0	2.22	ND		

Table 1A
BOREHOLE SUMMARY - COMPLEX A
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
PZ A-4 (FP A-2)	Fill: F. to M. SAND some mica schist fragments and concrete to 4'. F. to M. SAND some silt to 7'. C. SAND and gravel to 8'. F. to M. SAND and trace silt to 10'.	10.0	3.52	.7 to 64.5	5 to 10'	Slight to Strong Solvent Odor
PZ A-5	Fill: F. to M. SAND varying amounts of silt, brick, wood to 4'. F. to M. SAND some silt to 10'	10	5.85	ND		

Table 1B
BOREHOLE SUMMARY - COMPLEX B
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP B-1	Fill: F. SAND some silt varing amounts of brick and gravel	3.2	2.5	ND		
FP B-2	Fill: F. SAND some silt varing amounts of brick and gravel	2.5	2.0	ND		
FP B-3	Fill: F. SAND some silt varing amounts of brick and gravel	3.5	3.0	ND		
FP B-4	Fill: F. SAND some silt varing amounts of concrete	3.3	3.0	ND		
FP B-5	Fill: F. SAND some silt varing amounts of concrete, brick, wood and gravel	5.0	5.0	ND		
FP B-6	Fill: F. SAND some silt varing amounts of concrete, brick and gravel	4.8	3.5	ND		
FP B-7	Fill: F. SAND some silt varing amounts of brick and cobbles/boulders	4.5	3.8	ND		
FP B-8	Fill: F. SAND some silt varing amounts of brick, concrete and gravel	2.7	2.0	ND		
FP B-9	Fill: F. SAND some silt varing amounts of wood, brick and gravel	5.0	4.0	ND		

Table 1B
BOREHOLE SUMMARY - COMPLEX B
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP B-10	Fill: F.SAND some silt varing amounts of concrete, brick, wood (cresote pile) and gravel	6.0	5.5	ND		
FP B-11	Fill: F. SAND some silt varing amounts brick, conctere and wood (cresote pile)	5.0	3.5	ND		Strong Cresote Odor
FP B-12	Fill: F. SAND some silt varing amounts of concrte, bnrick, and gravel	4.0	3.7	ND		
FP B-13	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	3.0	62	2.5 to 3.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-13 N 5'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	25	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-13 E 5'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	15	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-13 S 5'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	25	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-13 S 10'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	150	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater

Table 1B
BOREHOLE SUMMARY - COMPLEX B
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP B-13 W 5'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	20	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-13 W 10'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	50	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-14	Fill: F. SAND some silt varing amounts of concrete brick, ash and gravel	4.5	4.0	ND		
FP B-15	Fill: F. SAND some silt varing amounts of concrete, brick and ash	4.0	3.0	ND		
FP B-16	Fill: F. SAND some silt varing amounts of brick and ash	5.0	4.8	ND		
FP B-17	Fill: F. SAND some silt varing amounts of concrete, brick, ash cinders, wood and gravel	5.0	4.75	ND		
FP B-18	Fill: F. SAND some silt varing amounts of concrete, brick, ash and gravel	5.0	4.5	ND		
FP B-19	Fill: F. SAND some silt varing amounts of concrete and brick	3.75	3.5	ND		
FP B-20	Fill: F.SAND some silt varing amounts of concrete, brick, wood (cresote pile) and gravel	5.0	4.5	ND		Moderate Cresole odor, moderate sheen on water

Table 1B
BOREHOLE SUMMARY - COMPLEX B
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
PZ B-1 (FP B-2)	Fill: F.SAND some silt varing amounts of concrete, brick and gravel to approx. 5'. F. SAND some silt to 10'	10	2.33	ND		
PZ B-2 (FP B-11)	Fill: F. SAND varing amounts brick and gravel to 5'. F. SAND some silt to 10'	10	2.25	7.6 30	2 to 5' 5 to 10'	Slight Odor (Possible Cresote)
PZ B-3 (FP B-20)	Fill: F. SAND some silt varing amounts of brick, concrete, coal, and ash to 8'. SILT some F.sand to 10'	10	3.13	0.7	0 to 5'	No Odors
PZ B-4 (FP B-13)	Fill: F. SAND some silt varing amounts of concrete, brick, ash, cinders, and wood (cresote pile)	10	2.38	110 40	5 to 8' 8 to 10'	Slight to moderate petroleum odor

Table 2A
SOIL SAMPLE SUMMARY - COMPLEX A
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Location	VOC	SVOC	Metals	Pesticides	PCB	TPH ID
FP A-1	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP A-2	Surface	X	X				
	Subsurface	X	X				
FP A-3	Surface	X	X				
	Subsurface	X	X	X	X	X	X
FP A-4	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP A-5	Surface	X	X				
	Subsurface	X	X				
FP A-6	Surface	X	X				
	Subsurface	X	X				
FP A-7	Surface	X	X				
	Subsurface	X	X				
FP A-8	Surface	X	X	X	X	X	X
	Subsurface	X	X	X	X	X	X
FP A-9	Surface	X	X				
	Subsurface	X	X				
FP A-10	Surface	X	X				
	Subsurface	X	X				
FP A-11	Surface	X	X				
	Subsurface	X	X				
FP A-12	Surface	X	X				
	Subsurface	X	X				
FP A-13	Surface	X	X				
	Subsurface	X	X	X	X	X	X
FP A-14	Surface	X	X				
	Subsurface	X	X				
FP A-15	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP A-16	Surface	X	X				
	Subsurface	X	X				
FP A-17	Surface	X	X				
	Subsurface	X	X				
FP A-18	Surface	X	X				
	Subsurface	X	X				
FP A-19	Surface	X	X				
	Subsurface	X	X				
FP A-20	Surface	X	X				
	Subsurface	X	X				
FP A-21	Surface	X	X	X	X	X	X
	Subsurface	X	X	X	X	X	X
FP A-22	Surface	X	X				
	Subsurface	X	X				

Table 2B
SOIL SAMPLE SUMMARY - COMPLEX B
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Location	VOC	SVOC	Metals	Pesticides	PCB	TPH ID
FP B-1	Surface	X	X				
	Subsurface	X	X				
FP B-2	Surface	X	X				
	Subsurface	X	X	X	X	X	X
FP B-3	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP B-4	Surface	X	X				
	Subsurface	X	X				
FP B-5	Surface	X	X				
	Subsurface	X	X				
FP B-6	Surface	X	X				
	Subsurface	X	X				
FP B-7	Surface	X	X				
	Subsurface	X	X				
FP B-8	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP B-9	Surface	X	X				
	Subsurface	X	X				
FP B-10	Surface	X	X				
	Subsurface	X	X				
FP B-11	Surface	X	X				
	Subsurface	X	X	X	X	X	X
FP B-12	Surface	X	X				
	Subsurface	X	X				
FP B-13	Surface	X	X				
	Subsurface	X	X	X	X	X	X
FP B-14	Surface	X	X				
	Subsurface	X	X				
FP B-15	Surface	X	X				
	Subsurface	X	X				
FP B-16	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP B-17	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP B-18	Surface	X	X				
	Subsurface	X	X				
FP B-19	Surface	X	X				
	Subsurface	X	X				
FP B-20	Surface	X	X				
	Subsurface	X	X	X	X	X	X

Table 3
TEMPORARY PEIZOMETER CONSTRUCTION SUMMARY
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Peizometer Number	Date Installed	Date Sampled	Date Removed	Well Diameter (in.)	Riser Material	Screen Material	Total Well Depth (ft. bgs)	Riser Interval	Screened Interval
Tank Complex A									
PZ A-1 (FP A-3)	4/24/2012	4/24/2012	4/24/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
PZ A-2 (FP A-4)	4/24/2012	4/24/2012	4/24/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
PZ A-3 (FP A-5)	4/24/2012	4/24/2012	4/24/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
PZ A-4 FP A-2)	4/24/2012	4/24/2012	4/24/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
PZ A-5	4/24/2012	4/24/2012	4/24/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
Tank Complex B									
PZ B-1 (FP B-2)	2/17/2012	2/17/2012	2/17/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
PZ B-2 (FP B-11)	2/17/2012	2/17/2012	2/17/2012	1	N/A	0.020" Slot PVC	9.75	N/A	0-9.75
PZ B-3 (FP B-20)	2/17/2012	2/17/2012	2/17/2012	1	N/A	0.020" Slot PVC	9	N/A	0-9
PZ B-4 (FP B-13)	2/17/2012	2/17/2012	2/17/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10

Table 4
WELL CONSTRUCTION SUMMARY
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Well Number	Date Installed	Monitoring Program	Well Diameter (in.)	Riser Material	Screen Material	Total Well Depth (ft. bgs)	Riser Interval	Screened Interval
NTMW-1	Not Provided	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	23	0 - 5'	5' - 23'
NTMW-2	5/19/1994	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	20	0 - 5'	5' - 20'
NTMW-3	9/8/1994	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	30	0 - 10'	10' - 30'
NTMW-4	9/2/1992	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	16	0 - 1'	1' - 16'
MW-5	5/8/2001	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	20	0 - 10'	10' - 20'
MW-10	7/21/2003	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	29	0 - 9'	9' - 29'
MW-12	6/24/2003	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	24	0 - 9'	9' - 24'
MW-14	6/30/2003	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	28	0 - 8'	8' - 28'
MW-20	8/1/2005	FYN VCP	2	Sch. 40 PVC	0.020" Slot PVC	15	0 - 5'	5' - 15'
CE-4	5/28/2010	FYN VCP	2	Stainless Steel	0.020" Slot Stainless Steel	20	0 - 5'	5' - 20'

Note: information for wells NTMW-1 through NTMW-4 are from Miller Environmental Group, Inc. Monitorinig Well Installation Report, dated September 1994

Table 5
ANALYTICAL RESULTS FOR ANNUAL MOSF GROUNDWATER SAMPLING
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Compound	NYSDEC TOGS GWQS[A]		NTMW-1						NTMW-2					
			4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011	3/19/2012**	4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011	3/19/2012**
Volatile Organic Compounds (µg/L)														
Acetone	50	GV	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
Methyl t-Butyl Ether (MTBE)	10	GV	*< 5*	*< 5.0*	*< 5.0*	*NA*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*NA*	*< 1.0*	ND
1,1-Dichloroethane	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
cis-1,2-Dichloroethene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
Benzene	1	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 0.70*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 0.70*	ND
Trichloroethene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
Toluene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	2.2	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
Chlorobenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
Ethylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
m,p-Xylene	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 2.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 2.0*	ND
o-Xylene	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
Isopropylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
1,2,4-Trimethylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
Naphthalene	10	GV	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
Xylenes, Total	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
Semivolatile Organic Compounds (µg/L)														
Naphthalene	10	GV	*< 10*	*< 10*	*< 10*	*< 10*	*NA*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*NA*	NR
Acenaphthylene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Acenaphthene	20	GV	*< 10*	*< 10*	*< 10*	*< 10*	0.48	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Fluorene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Phenanthrene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Anthracene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	0.03	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Fluoranthene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Pyrene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Benzo(a)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Chrysene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Benzo(b)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Benzo(k)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Benzo(a)pyrene	ND	STD[2]	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Indeno(1,2,3-cd)pyrene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Benzo(g,h,i)perylene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Dibenzo(a,h)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR

Notes:

**	Data was collected and supplied by LBG	STD[1]	Standard applies to sum of 1,2-, 1,3-, and 1,4-Xylene
STD	Groundwater Quality Standard	STD[2]	Standard is non-detect
GV	Groundwater Quality Guidance Value	ND	Compound not detected in sample

NA Not Analyzed - in later rounds of groundwater sampling a modified list of analytes was reported
NR Analysis of this compound was not requested by LBG
-- indicates no standard or guidance value provided in NYSDEC TOGS (1.1.1)
"< 5" Italicized numbers with preceding "<" indicate value is non-detect
45 Shaded values indicate exceedance of NYSDEC TOGS (1.1.1) Water Class GA standard or guidance value
A - Data compared to New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards & Guidance Values & Groundwater Effluent Limitations

Data Source: Consolidated Edison

Table 5
ANALYTICAL RESULTS FOR ANNUAL MOSF GROUNDWATER SAMPLING
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Compound	NYSDEC TOGS GWQS[A]		NTMW-3						NTMW-4					
			4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011	3/19/2012**	4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011	3/19/2012**
Volatile Organic Compounds (µg/L)														
Acetone	50	GV	< 5	< 5.0	22	< 5.0	NA	Well Deomissioned November 2011 By Stantec	< 5	< 5.0	< 5.0	< 5.0	NA	ND
Methyl t-Butyl Ether (MTBE)	10	GV	< 5	< 5.0	< 5.0	NA	< 1.0		< 5	< 5.0	< 5.0	NA	1.1	ND
1,1-Dichloroethane	5	STD	< 5	< 5.0	< 5.0	< 5.0	NA		< 5	< 5.0	**12**	**17**	NA	3.9
cis-1,2-Dichloroethene	5	STD	< 5	< 5.0	< 5.0	< 5.0	NA		**8.3**	**8.2**	< 5.0	< 5.0	NA	3.4
Benzene	1	STD	< 5	< 5.0	< 5.0	< 5.0	< 0.70		< 5	< 5.0	< 5.0	< 5.0	0.96	ND
Trichloroethene	5	STD	< 5	< 5.0	< 5.0	< 5.0	NA		**35**	**29**	< 5.0	< 5.0	NA	ND
Toluene	5	STD	< 5	< 5.0	< 5.0	< 5.0	< 1.0		**6.9**	< 5.0	< 5.0	**37**	< 1.0	ND
Chlorobenzene	5	STD	< 5	< 5.0	< 5.0	< 5.0	NA		**6.5**	**7.2**	< 5.0	< 5.0	NA	**5.9**
Ethylbenzene	5	STD	< 5	< 5.0	< 5.0	< 5.0	< 1.0		**77**	< 5.0	< 5.0	< 5.0	**130**	ND
m,p-Xylene	5	STD[1]	< 5	< 5.0	< 5.0	< 5.0	< 2.0		**350**	< 5.0	< 5.0	**16**	**170**	ND
o-Xylene	5	STD[1]	< 5	< 5.0	< 5.0	< 5.0	< 1.0		**110**	< 5.0	< 5.0	**12**	**56**	ND
Isopropylbenzene	5	STD	< 5	< 5.0	< 5.0	< 5.0	< 1.0		< 5	< 5.0	< 5.0	< 5.0	3.4	ND
1,2,4-Trimethylbenzene	5	STD	< 5	< 5.0	< 5.0	< 5.0	< 1.0		< 5	< 5.0	< 5.0	< 5.0	1.8	ND
Naphthalene	10	GV	< 5	< 5.0	6.1	< 5.0	< 1.0		< 5	< 5.0	< 5.0	< 5.0	< 1.0	ND
Xylenes, Total	5	STD[1]	< 5	< 5.0	< 5.0	< 5.0	NA		**500**	< 5.0	< 5.0	**28**	NA	ND
Semivolatile Organic Compounds (µg/L)														
Naphthalene	10	GV	< 10	< 10	< 10	< 10	NA	Well Deomissioned November 2011 By Stantec	< 10	**19**	< 10	< 10	NA	NR
Acenaphthylene	--		< 10	< 10	< 10	< 10	0.03		< 10	< 10	< 10	< 10	< 0.020	NR
Acenaphthene	20	GV	< 10	< 10	< 10	< 10	0.22		< 10	< 10	< 10	< 10	< 0.020	NR
Fluorene	50	GV	< 10	< 10	< 10	< 10	0.16		< 10	< 10	< 10	< 10	< 0.020	NR
Phenanthrene	50	GV	< 10	< 10	11	< 10	1.2		< 10	< 10	< 10	< 10	< 0.020	NR
Anthracene	50	GV	< 10	< 10	< 10	< 10	0.52		< 10	< 10	< 10	< 10	< 0.020	NR
Fluoranthene	50	GV	< 10	< 10	< 10	< 10	6		< 10	< 10	< 10	< 10	< 0.020	NR
Pyrene	50	GV	< 10	< 10	< 10	< 10	4.8		< 10	< 10	< 10	< 10	< 0.020	NR
Benzo(a)anthracene	--		< 10	< 10	< 10	< 10	3.5		< 10	< 10	< 10	< 10	< 0.020	NR
Chrysene	0.002	GV	< 10	< 10	< 10	< 10	**2.5**		< 10	< 10	< 10	< 10	< 0.020	NR
Benzo(b)fluoranthene	0.002	GV	< 10	< 10	< 10	< 10	**4.9**		< 10	< 10	< 10	< 10	< 0.020	NR
Benzo(k)fluoranthene	0.002	GV	< 10	< 10	< 10	< 10	**1.1**		< 10	< 10	< 10	< 10	< 0.020	NR
Benzo(a)pyrene	ND	STD[2]	< 10	< 10	< 10	< 10	**4**		< 10	< 10	< 10	< 10	< 0.020	NR
Indeno(1,2,3-cd)pyrene	0.002	GV	< 10	< 10	< 10	< 10	**3**		< 10	< 10	< 10	< 10	< 0.020	NR
Benzo(g,h,i)perylene	--		< 10	< 10	< 10	< 10	3.2		< 10	< 10	< 10	< 10	< 0.020	NR
Dibenzo(a,h)anthracene	--		< 10	< 10	< 10	< 10	0.8		< 10	< 10	< 10	< 10	< 0.020	NR

Notes:

**	Data was collected and supplied by LBG	STD[1]	Standard applies to sum of 1,2-, 1,3-, and 1,4-Xylene
STD	Groundwater Quality Standard	STD[2]	Standard is non-detect
GV	Groundwater Quality Guidance Value	ND	Compound not detected in sample
NA	Not Analyzed - in later rounds of groundwater sampling a modified list of analytes was reported		
NR	Analysis of this compound was not requested by LBG		
--	indicates no standard or guidance value provided in NYSDEC TOGS (1.1.1)		
"< 5"	Italicized numbers with preceding "<" indicate value is non-detect		
45	Shaded values indicate exceedance of NYSDEC TOGS (1.1.1) Water Class GA standard or guidance value		
A -	Data compared to New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards & Guidance Values & Groundwater Effluent Limitations		

Data Source: Consolidated Edison

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-1											
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	Not Sampled - To be			ND	Not Sampled - To be			ND
Benzene	0.7	ND	ND	ND	ND	ND	sampled annually			ND	sampled annually			ND
Toluene	5	ND	ND	ND	ND	ND	concurrent with the			ND	concurrent with the			2.2
Ethylbenzene	5	ND	ND	ND	ND	ND	Con Edison MOSF			ND	Con Edison MOSF			ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	Sampling as per			ND	Sampling as per			ND
Naphthalene	10	ND	ND	ND	ND	ND	NYSDEC			ND	NYSDEC			ND
2-Butanone	5	ND	ND	ND	**39**	ND				ND				ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND				ND				ND
Chloroform	7	ND	ND	ND	ND	ND				ND				ND
Chlorobenzene	5	ND	ND	ND	ND	ND				ND				ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND				ND				ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*				ND				ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*				ND				ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND				ND				ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND				ND				ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND				ND				ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND				ND				ND
Diethyl Ether	--	ND	ND	ND	ND	ND				ND				ND
Isopropylbenzene	5	ND	ND	ND	ND	ND				ND				ND
n-propylbenzene	5	ND	ND	ND	ND	ND				ND				ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND				ND				ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND				ND				ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND				ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND				ND
Tetrachloroethene	5	ND	ND	ND	ND	ND				ND				ND
Trichloroethene	5	ND	ND	ND	ND	ND				ND				ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND				ND				ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND				ND				ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND				ND				ND
Methylene Chloride	5	ND	ND	ND	ND	ND				ND				ND
Vinyl Chloride	2	ND	ND	ND	ND	ND				ND				ND
Tetrahydrofuran	50	NA*	NA*	NA*	24	ND				ND				ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*				ND				ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-2											
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	Not Sampled - To be			ND	Not Sampled - To be			ND
Benzene	0.7	ND	ND	ND	ND	ND	sampled annually			ND	sampled annually			ND
Toluene	5	ND	ND	ND	ND	ND	concurrent with the			ND	concurrent with the			ND
Ethylbenzene	5	ND	ND	ND	ND	ND	Con Edison MOSF			ND	Con Edison MOSF			ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	Sampling as per			ND	Sampling as per			ND
Naphthalene	10	ND	ND	ND	ND	ND	NYSDEC			ND	NYSDEC			ND
2-Butanone	5	ND	ND	ND	**33**	ND				ND				ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND				ND				ND
Chloroform	7	ND	ND	ND	ND	ND				ND				ND
Chlorobenzene	5	ND	ND	ND	ND	ND				ND				ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND				ND				ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*				ND				ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*				ND				ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND				ND				ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND				ND				ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND				ND				ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND				ND				ND
Diethyl Ether	--	ND	ND	ND	ND	ND				ND				ND
Isopropylbenzene	5	ND	ND	ND	ND	ND				ND				ND
n-propylbenzene	5	ND	ND	ND	ND	ND				ND				ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND				ND				ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND				ND				ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND				ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND				ND
Tetrachloroethene	5	ND	ND	ND	ND	ND				ND				ND
Trichloroethene	5	ND	ND	ND	ND	ND				ND				ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND				ND				ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND				ND				ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND				ND				ND
Methylene Chloride	5	ND	ND	ND	ND	ND				ND				ND
Vinyl Chloride	2	ND	ND	ND	ND	ND				ND				ND
Tetrahydrofuran	50	NA*	NA*	NA*	20	ND				ND				ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*				ND				ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-3												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	NS	NS	NS	ND	Not Sampled - To be			ND	Not Sampled - To be			Not
Benzene	0.7	ND	NS	NS	NS	ND	sampled annually			ND	sampled annually			Sampled
Toluene	5	ND	NS	NS	NS	ND	concurrent with the			ND	concurrent with the			Decomissioned
Ethylbenzene	5	ND	NS	NS	NS	ND	Con Edison MOSF			ND	Con Edison MOSF			By
Xylenes (Total)	5	ND	NS	NS	NS	ND	Sampling as per			ND	Sampling as per			Stantech
Naphthalene	10	ND	NS	NS	NS	ND	NYSDEC			ND	NYSDEC			Nov.
2-Butanone	5	ND	NS	NS	NS	ND				ND				2,011
Carbon Tetrachloride	5	ND	NS	NS	NS	ND				ND				
Chloroform	7	ND	NS	NS	NS	ND				ND				
Chlorobenzene	5	ND	NS	NS	NS	ND				ND				
cis-1,2-Dichloroethene	5	ND	NS	NS	NS	ND				ND				
trans-1,2-Dichloroethene	5	NA*	NS	NS	NS	NA*				ND				
1,2-Dichloroethane	0.6	NA*	NS	NS	NS	NA*				ND				
1,1-Dichloroethene	5	ND	NS	NS	NS	ND				ND				
1,1-Dichloroethane	5	ND	NS	NS	NS	ND				ND				
1,2-Dichloropropane	1	ND	NS	NS	NS	ND				ND				
1,2-Dichlorobenzene	3	ND	NS	NS	NS	ND				ND				
Diethyl Ether	--	ND	NS	NS	NS	ND				ND				
Isopropylbenzene	5	ND	NS	NS	NS	ND				ND				
n-propylbenzene	5	ND	NS	NS	NS	ND				ND				
4-Methyl-2-Pentanone	--	ND	NS	NS	NS	ND				ND				
1,2,3-Trichloropropane	0.04	ND	NS	NS	NS	ND				ND				
1,2,4-Trimethylbenzene	5	ND	NS	NS	NS	ND				ND				
1,3,5-Trimethylbenzene	5	ND	NS	NS	NS	ND				ND				
Tetrachloroethene	5	ND	NS	NS	NS	ND				ND				
Trichloroethene	5	ND	NS	NS	NS	ND				ND				
1,1,1-Trichloroethane	5	ND	NS	NS	NS	ND				ND				
Trichlorofluoromethane	5	ND	NS	NS	NS	ND				ND				
Methyl Tert-Butyl Ether	10	ND	NS	NS	NS	ND				ND				
Methylene Chloride	5	ND	NS	NS	NS	ND				ND				
Vinyl Chloride	2	ND	NS	NS	NS	ND				ND				
Tetrahydrofuran	50	NA*	NS	NS	NS	ND				**130**				
Dichlorodifluoromethane	5	NA*	NS	NS	NS	NA*				ND				

* Concentrations are in µg/L
See last page for notes.

MW-3 was obstructed preventing access for 2nd, 3rd and 4th quarters in 2009

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-4												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.4**	ND	ND
Toluene	5	ND	ND	ND	ND	**30**	ND	ND	ND	ND	ND	**5.7**	**31**	ND
Ethylbenzene	5	**6.6**	ND	**15**	2.7	4.4	**62**	5	2.7	**150**	**93**	**140**	**16**	ND
Xylenes (Total)	5	**70**	**8.7**	**23**	**10**	**27**	**40**	3.3	**5.5**	**20.3**	**15**	**10**	**11.8**	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	2.7	3.8	2.9	ND	3	**11**	**17**	**5.9**
cis-1,2-Dichloroethene	5	2.9	3.6	**6.4**	**6.4**	3.4	**13**	**13**	**10**	**5.6**	**13**	**14**	**11**	3.4
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	4.1	**9.2**	**7.2**	4.4	**10**	**8**	**7.8**	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	**12**	**12**	**18**	**17**	**11**	5	4.7	4	3.7	3.7	8	3.8	3.9
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	**4.9**	**5.7**	**4.5**	2.4	**4.5**	**4.2**	**5.9**	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	2.7	3.5	**5.1**	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	2	2.1	2.6	2.6	ND	**16**	4.8	3.1	ND	3	**6.1**	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	2.8	2.9	ND	ND	ND	2.3	3.3	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.4**	**3.2**	**2.5**	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND	ND	2	ND	ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-5												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	NS	ND	ND	ND	ND	Not Sampled - To be			ND	Not Sampled - To be			ND
Benzene	0.7	NS	ND	ND	ND	ND	sampled annually			ND	sampled annually			ND
Toluene	5	NS	ND	ND	ND	ND	concurrent with the			ND	concurrent with the			ND
Ethylbenzene	5	NS	ND	ND	ND	ND	Con Edison MOSF			ND	Con Edison MOSF			ND
Xylenes (Total)	5	NS	ND	ND	ND	ND	Sampling as per			ND	Sampling as per			ND
Naphthalene	10	NS	ND	ND	ND	ND	NYSDEC			ND	NYSDEC			ND
2-Butanone	5	NS	ND	ND	ND	ND				ND				ND
Carbon Tetrachloride	5	NS	ND	ND	ND	ND				ND				ND
Chloroform	7	NS	ND	ND	ND	ND				ND				ND
Chlorobenzene	5	NS	ND	ND	ND	ND				ND				ND
cis-1,2-Dichloroethene	5	NS	ND	ND	ND	ND				ND				ND
trans-1,2-Dichloroethene	5	NS	NA	NA	NA*	NA*				ND				ND
1,2-Dichloroethane	0.6	NS	NA	NA	NA*	NA*				ND				ND
1,1-Dichloroethene	5	NS	ND	ND	ND	ND				ND				ND
1,1-Dichloroethane	5	NS	ND	ND	ND	ND				ND				ND
1,2-Dichloropropane	1	NS	ND	ND	ND	ND				ND				ND
1,2-Dichlorobenzene	3	NS	ND	ND	ND	ND				ND				ND
Diethyl Ether	--	NS	ND	ND	ND	ND				ND				ND
Isopropylbenzene	5	NS	ND	ND	ND	ND				ND				ND
n-propylbenzene	5	NS	ND	ND	ND	ND				ND				ND
4-Methyl-2-Pentanone	--	NS	ND	ND	ND	ND				ND				ND
1,2,3-Trichloropropane	0.04	NS	ND	ND	ND	ND				ND				ND
1,2,4-Trimethylbenzene	5	NS	ND	ND	ND	ND				ND				ND
1,3,5-Trimethylbenzene	5	NS	ND	ND	ND	ND				ND				ND
Tetrachloroethene	5	NS	ND	ND	ND	ND				ND				ND
Trichloroethene	5	NS	ND	ND	ND	ND				ND				ND
1,1,1-Trichloroethane	5	NS	ND	ND	ND	ND				ND				ND
Trichlorofluoromethane	5	NS	ND	ND	ND	ND				ND				ND
Methyl Tert-Butyl Ether	10	NS	ND	ND	ND	ND				ND				ND
Methylene Chloride	5	NS	ND	ND	ND	ND				ND				ND
Vinyl Chloride	2	NS	ND	ND	ND	ND				ND				ND
Tetrahydrofuran	50	NS	NA*	NA*	ND	ND				ND				ND
Dichlorodifluoromethane	5	NS	NA*	NA*	NA*	NA*				ND				ND

* Concentrations are in µg/L
See last page for notes.

MW-5 was obstructed by a vehicle preventing access for the 1st quarter in 2009

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-10												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	**2.2**	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	**1,100**	ND	ND	**600**	ND	**5.5**	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	**1,100**	3.8	2.1	**8**	ND	ND	ND	ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	**2,470**	2.3	ND	**64**	ND	2.4	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	**39**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	2.7	3.3	3.4	3.9	ND	3.9	3.4	**6.1**	ND	**5.3**	**7.8**	**7.6**	**8.2**
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1	3.8	**7.8**	**5.9**
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	**4.7**	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	**9**	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3.8**	**3.4**	**2.3**
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	3.2	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	**5.6**	ND	ND	ND	ND	**11**	**7.8**	4.7	ND	**6.3**	**12**	**12**	**13**
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	24	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-12												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	**2,600**	**13,000**	**3,000**	**2,400**	**3,400**	**200**	**390**	**720**	**3,500**	**400**	**ND**	**130**	**11,000**
Ethylbenzene	5	**8,700**	**15,000**	**14,000**	**9,600**	**15,000**	**9,000**	**8,100**	**6,500**	**9,100**	**6,800**	**5,500**	**3,200**	**12,000**
Xylenes (Total)	5	**38,200**	**59,100**	**62,100**	**38,200**	**61,000**	**37,000**	**30,310**	**22,650**	**36,200**	**29,470**	**20,000**	**11,000**	**61,200**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-14												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6**	**29**	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	3.8	ND	ND	ND	ND	2.5	**9.8**	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	4.1	**6.2**	**7.4**	4.9	ND	ND	ND	2.8	ND	ND	ND	ND	3.6
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-20												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	**30**	ND	**5.2**	ND	**5.8**	**37**	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	**19**	**11**	**18**	ND	ND	ND	ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	ND	**106**	**37**	**69**	ND	**6.6**	**8.2**	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	GP-2												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	0.7	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Xylenes (Total)	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	10	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Carbon Tetrachloride	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroform	7	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	5	NA*	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	0.6	NA*	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethene	5	1	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	1	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	3	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Diethyl Ether	--	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-propylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Methyl-2-Pentanone	--	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichloropropane	0.04	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethene	5	2.2	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1,1-Trichloroethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Tert-Butyl Ether	10	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	2	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrahydrofuran	50	NA*	NA*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	5	NA*	NA*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

* Concentrations are in µg/L
See last page for notes.

GP-2 was decommissioned in 2010. GP-2 was not sampled in the second half of 2009 and no reason is stated in LBG data tables.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	CE-4											
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	Not Sampled -		ND	Not Sampled -			ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	To be sampled		ND	To be sampled			ND
Toluene	5	ND	ND	ND	**42**	ND	ND	annually		**1,500**	annually			4.7
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	concurrent with		**16**	concurrent with			ND
Xylenes (Total)	5	ND	ND	ND	**11**	ND	ND	the Con Edison		**121**	the Con Edison			ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	MOSF sampling		ND	MOSF sampling			ND
2-Butanone	5	ND	ND	ND	**35**	ND	ND	as per NYSDEC.		ND	as per NYSDEC.			ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND			ND				ND
Chloroform	7	ND	ND	ND	ND	ND	ND			ND				ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND			ND				ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND			ND				ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND			ND				ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND			ND				ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND			ND				ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND			ND				ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND			ND				ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND			ND				ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND			ND				ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	**14**			**11**				**10**
n-propylbenzene	5	ND	ND	ND	ND	ND	ND			ND				ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND			ND				ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND			ND				ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND			ND				ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND			ND				ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND			ND				ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND			ND				ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND			ND				ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND			ND				ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND			ND				ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND			ND				ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND			ND				ND
Tetrahydrofuran	50	NA*	NA*	NA*	22	ND	ND			ND				ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND			ND				ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

ND	Compound not detected in sample
NS	Well not sampled
NR	Not reported or not shown in LBG data tables
NA*	Analyte not analyzed
--	indicates no standard or guidance value provided in NYSDEC TOGS (1.1.1)
45	Shaded values indicate exceedance of NYSDEC TOGS (1.1.1) Water Class GA standard or guidance value
1 -	Data compared to New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards & Guidance Values & Groundwater Effluent Limitations

Data Source: Leggette, Brashears, & Graham, Inc. (LBG) Quarterly Groundwater Monitoring Reports for Fyn Paint & Lacquer Co. Inc. 230 Kent Avenue, Borough of Brooklyn, City of New York VCP Site #V00380-2, VCP Index #W2-0873-00-10

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-1 SUR	FP A-2 SUR	FP A-3 SUR	FP A-4 SUR	FP A-5 SUR	FP A-6 SUR	FP A-7 SUR	FP A-8 SUR	FP A-9 SUR	FP A-10 SUR	FP A-11 SUR
Sample Date		**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**
Volatile Organic Compounds (VOCs) (ug/kg)												
Acetone	50	25 B	32 B	36 B	52	19	30	63	29	51	33	220
Benzene	60	ND	ND	ND	0.20 J	ND	ND	ND	ND	0.34 J	ND	0.38 J
Carbon disulfide	NS	0.26 J	0.65 J	0.40 J	1.1	0.44 J	0.30 J	2.0	2.3	0.65 J	ND	0.25 J
Chloroform	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.39 J B	0.48 J B	1.1 B	0.63 J B	0.94 J B	0.45 J B	1.3 B	3.5 B	2.4 B	3.2 B	0.94 J B
Methyl Ethyl Ketone	120	1.7 J	3.6 J	1.7 J	5.0 J	ND	ND	3.6 J	1.7 J	3.0 J	3.2 J	7.3 J
Methyl isobutyl ketone (MIBK)	NS	ND	ND	ND	1.9 J	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	0.48 J	0.71 J	ND	0.72 J	ND	0.41 J	ND	ND	0.33 J	ND	0.54 J
Toluene	700	0.15 J	0.31 J	0.33 J	0.28 J	0.22 J	0.14 J	ND	0.29 J	0.19 J	0.24 J	0.31 J
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	20,000	65 J	ND	60 J	280 J	120 J	ND	59 J	ND	ND	ND	ND
Anthracene	100,000	200 J	130 J	180 J	760	280 J	140 J	230 J	ND	ND	ND	93 J
Benzo[a]anthracene	1,000	480	320	530	1700	720	650	1300	86	220	230	290
Benzo[a]pyrene	1,000	340	240	460	1400	580	540	940	79	170	ND	300
Benzo[b]fluoranthene	1,000	450	290	570	1800	680	660	1200	120	270	ND	370
Benzo[g,h,i]perylene	100,000	180 J	150 J	290 J	780	350 J	310 J	560	66 J	ND	ND	150 J
Benzo[k]fluoranthene	800	170	ND	210	750	340	300	660	39	89	ND	170
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	1400	350 J	320 J	310 J	ND	690 J	ND	ND
Carbazole	NS	79 J	48 J	55 J	210 J	99 J	46 J	190 J	ND	ND	ND	ND
Chrysene	1,000	490	370 J	600	1600	730	600	1200	94 J	230 J	250 J	290 J
Dibenz(a,h)anthracene	330	ND	ND	ND	270	110	100	200	ND	ND	ND	ND
Dibenzofuran	7,000	56 J	ND	53 J	280 J	92 J	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	850	560	860	3000	1300	1000	2600	160 J	320 J	320 J	460
Fluorene	30,000	100 J	ND	85 J	370 J	120 J	50 J	86 J	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	500	190	170	310	870	370	330	640	68	ND	ND	170
Isophorone	NS	ND	100 J	73 J	120 J	310 J	60 J	290 J	ND	570 J	3100	ND
2-Methylnaphthalene	NS	ND	ND	ND	96 J	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	56 J	ND	ND	ND	ND	ND	ND
Phenanthrene	100,000	670	480	650	3000	1100	600	990	94 J	210 J	260 J	340 J
Pyrene	100,000	920	610	880	3200	1400	980	1900	180 J	330 J	330 J	470
Pesticides (ug/kg)												
4,4'-DDD	3	ND	NR	NR	8.8 p	NR	NR	NR	ND	NR	NR	NR
4,4'-DDE	3	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR	NR
4,4'-DDT	3	ND	NR	NR	19	NR	NR	NR	ND	NR	NR	NR
Dieldrin	5	ND	NR	NR	7.1 J p	NR	NR	NR	ND	NR	NR	NR
Methoxychlor	NS	ND	NR	NR	8.3 p	NR	NR	NR	ND	NR	NR	NR

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-1 SUR	FP A-2 SUR	FP A-3 SUR	FP A-4 SUR	FP A-5 SUR	FP A-6 SUR	FP A-7 SUR	FP A-8 SUR	FP A-9 SUR	FP A-10 SUR	FP A-11 SUR
Sample Date		4/20/2012	4/20/2012	4/20/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012
PCBs (ug/kg)												
Aroclor 1254	NS	ND	NR	NR	220	NR	NR	NR	ND	NR	NR	NR
Aroclor 1260	NS	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR	NR
Total	100	ND	NR	NR	220	NR	NR	NR	ND	NR	NR	NR
Metals (mg/kg)												
Aluminum	NS	8190	NR	NR	10700	NR	NR	NR	3790	NR	NR	NR
Antimony	NS	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR	NR
Arsenic	13	9.3	NR	NR	4.9	NR	NR	NR	1.9	NR	NR	NR
Barium	350	76.1	NR	NR	97.8	NR	NR	NR	33.4 J	NR	NR	NR
Beryllium	7.2	0.32 J	NR	NR	0.39	NR	NR	NR	0.23 J	NR	NR	NR
Cadmium	2.5	1.1	NR	NR	0.55	NR	NR	NR	0.22 J	NR	NR	NR
Calcium	NS	14500	NR	NR	28000	NR	NR	NR	14100	NR	NR	NR
Chromium	1	21.4	NR	NR	26.8	NR	NR	NR	10.9	NR	NR	NR
Cobalt	NS	8.3 J	NR	NR	10.3	NR	NR	NR	3.7 J	NR	NR	NR
Copper	50	62.2	NR	NR	39.6	NR	NR	NR	20.9	NR	NR	NR
Iron	NS	21900	NR	NR	24500	NR	NR	NR	11800	NR	NR	NR
Lead	63	106	NR	NR	99.0	NR	NR	NR	55.5	NR	NR	NR
Magnesium	NS	4530	NR	NR	6470	NR	NR	NR	3090	NR	NR	NR
Manganese	1600	279	NR	NR	317	NR	NR	NR	216	NR	NR	NR
Nickel	30	20.6	NR	NR	23.7	NR	NR	NR	8.8	NR	NR	NR
Potassium	NS	3150	NR	NR	3960	NR	NR	NR	642 J	NR	NR	NR
Selenium	3.9	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR	NR
Silver	2	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR	NR
Sodium	NS	269 J	NR	NR	500	NR	NR	NR	ND	NR	NR	NR
Vanadium	NS	30.1	NR	NR	33.0	NR	NR	NR	14.6	NR	NR	NR
Zinc	109	139	NR	NR	131	NR	NR	NR	58.6	NR	NR	NR
Mercury	0.18	0.14	NR	NR	0.16	NR	NR	NR	0.036	NR	NR	NR
General Chemistry												
Percent Moisture - %	NS	9.2	12.3	8.2	9.7	7.3	7.3	13.9	10.7	11.4	11.7	15.8
Percent Solids - %	NS	90.8	87.7	91.8	90.3	92.7	92.7	86.1	89.3	88.6	88.3	84.2

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-12 SUR	FP A-13 SUR	FP A-14 SUR	FP A-15 SUR	FP A-15 SUR Dup	FP A-16 SUR	FP A-17 SUR	FP A-18 SUR	FP A-19 SUR	FP A-20 SUR	FP A-20 SUR Dup
Sample Date		4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/17/2012	4/17/2012	4/17/2012	4/17/2012	4/17/2012	4/18/2012
Volatile Organic Compounds (VOCs) (ug/kg)												
Acetone	50	26	52	51	30	20	5.4 J B	16 B	ND	15 B	10 J B	ND
Benzene	60	0.18 J	0.39 J	0.69 J	0.64 J	0.47 J	ND	ND	ND	0.17 J	ND	ND
Carbon disulfide	NS	1.6	1.9	3.2	0.36 J	ND	ND	ND	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	0.39 J	ND	ND	ND	ND	2.6	ND	ND
Methylene Chloride	50	0.30 J B	0.37 J B	0.38 J B	0.35 J B	0.24 J B	0.86 J B	0.70 J B	0.75 J B	0.38 J B	0.78 J B	0.30 J B
Methyl Ethyl Ketone	120	ND	3.0 J	4.6 J	ND	ND	ND	ND	ND	ND	ND	ND
Methyl isobutyl ketone (MIBK)	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	0.36 J	0.40 J	0.22 J	0.18 J	ND	0.30 J	0.36 J	0.16 J	0.19 J	0.18 J	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	20,000	100 J				ND	ND	180 J	ND	ND	ND	ND
Anthracene	100,000	190 J	200 J	ND	70 J	ND	ND	540	79 J	90 J	ND	ND
Benzo[a]anthracene	1,000	520	1100	59	320	58	49	1000	310	380	ND	ND
Benzo[a]pyrene	1,000	380	1100	36 J	380	53	54	850	320	430	ND	ND
Benzo[b]fluoranthene	1,000	460	1200	50	540	77	65	1100	390	540	ND	ND
Benzo[g,h,i]perylene	100,000	340 J	980	31 J	330 J	46 J	38 J	550	200 J	330 J	ND	ND
Benzo[k]fluoranthene	800	220	430	31 J	190	46	33 J	410	150	190	ND	ND
Bis(2-ethylhexyl) phthalate	NS	7300	360 J	390	2300	ND	ND	ND	ND	ND	ND	ND
Carbazole	NS	72 J	ND	ND	ND	ND	ND	140 J	ND	ND	ND	ND
Chrysene	1,000	550	1200	66 J	390 J	69 J	50 J	1000	310 J	400	ND	ND
Dibenz(a,h)anthracene	330	60	150	ND	75	12 J	ND	170	ND	65	ND	ND
Dibenzofuran	7,000	75 J	ND	ND	ND	ND	ND	160 J	ND	ND	ND	ND
Fluoranthene	100,000	1100	1700	110 J	500	61 J	79 J	1800	460	640	ND	ND
Fluorene	30,000	110 J	58 J	ND	ND	ND	ND	200 J	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	500	320	1000	28 J	330	38 J	41	620	220	310	ND	ND
Isophorone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70 J
2-Methylnaphthalene	NS	830	ND	ND	ND	ND	ND	58 J	ND	ND	ND	ND
Naphthalene	12,000	110 J	ND	ND	ND	ND	ND	49 J	ND	ND	ND	ND
Phenanthrene	100,000	1100	720	97 J	310 J	ND	ND	1800	300 J	340 J	ND	ND
Pyrene	100,000	810	1500	98 J	460	65 J	95 J	1800	490	720	ND	ND
Pesticides (ug/kg)												
4,4'-DDD	3	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
4,4'-DDE	3	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
4,4'-DDT	3	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Dieldrin	5	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Methoxychlor	NS	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-12 SUR	FP A-13 SUR	FP A-14 SUR	FP A-15 SUR	FP A-15 SUR Dup	FP A-16 SUR	FP A-17 SUR	FP A-18 SUR	FP A-19 SUR	FP A-20 SUR	FP A-20 SUR Dup
Sample Date		**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/17/2012**	**4/17/2012**	**4/17/2012**	**4/17/2012**	**4/17/2012**	**4/18/2012**
PCBs (ug/kg)												
Aroclor 1254	NS	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Aroclor 1260	NS	NR	NR	NR	22.00	NR	NR	NR	NR	NR	NR	NR
Total	100	NR	NR	NR	22.00	NR	NR	NR	NR	NR	NR	NR
Metals (mg/kg)												
Aluminum	NS	NR	NR	NR	5410	NR	NR	NR	NR	NR	NR	NR
Antimony	NS	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Arsenic	13	NR	NR	NR	3.6	NR	NR	NR	NR	NR	NR	NR
Barium	350	NR	NR	NR	68.3	NR	NR	NR	NR	NR	NR	NR
Beryllium	7.2	NR	NR	NR	0.25 J	NR	NR	NR	NR	NR	NR	NR
Cadmium	2.5	NR	NR	NR	0.46 J	NR	NR	NR	NR	NR	NR	NR
Calcium	NS	NR	NR	NR	6610	NR	NR	NR	NR	NR	NR	NR
Chromium	1	NR	NR	NR	14.1	NR	NR	NR	NR	NR	NR	NR
Cobalt	NS	NR	NR	NR	6.5 J	NR	NR	NR	NR	NR	NR	NR
Copper	50	NR	NR	NR	67.9	NR	NR	NR	NR	NR	NR	NR
Iron	NS	NR	NR	NR	17400	NR	NR	NR	NR	NR	NR	NR
Lead	63	NR	NR	NR	181	NR	NR	NR	NR	NR	NR	NR
Magnesium	NS	NR	NR	NR	2010	NR	NR	NR	NR	NR	NR	NR
Manganese	1600	NR	NR	NR	220	NR	NR	NR	NR	NR	NR	NR
Nickel	30	NR	NR	NR	15.9	NR	NR	NR	NR	NR	NR	NR
Potassium	NS	NR	NR	NR	753 J	NR	NR	NR	NR	NR	NR	NR
Selenium	3.9	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Silver	2	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Sodium	NS	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Vanadium	NS	NR	NR	NR	17.4	NR	NR	NR	NR	NR	NR	NR
Zinc	109	NR	NR	NR	172	NR	NR	NR	NR	NR	NR	NR
Mercury	0.18	NR	NR	NR	0.29	NR	NR	NR	NR	NR	NR	NR
General Chemistry												
Percent Moisture - %	NS	11.4	12.5	12.5	25.7	15.0	6.9	10.5	9.6	14.4	11.5	10.9
Percent Solids - %	NS	88.6	87.5	87.5	74.3	85.0	93.1	89.5	90.4	85.6	88.5	89.1

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-21 SUR		FP A-22 SUR	
Sample Date		4/17/2012		4/17/2012	
Volatile Organic Compounds (VOCs) (ug/kg)					
Acetone	50	13	B	21	B
Benzene	60	ND		0.16	J
Carbon disulfide	NS	ND		ND	
Chloroform	370	ND		ND	
Methylene Chloride	50	0.62	J B	0.74	J B
Methyl Ethyl Ketone	120	ND		ND	
Methyl isobutyl ketone (MIBK)	NS	ND		ND	
Styrene	NS	ND		ND	
Toluene	700	ND		0.17	J
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)					
Acenaphthene	20,000	ND		ND	
Anthracene	100,000	ND		61	J
Benzo[a]anthracene	1,000	130		330	
Benzo[a]pyrene	1,000	140		320	
Benzo[b]fluoranthene	1,000	190		420	
Benzo[g,h,i]perylene	100,000	110	J	240	J
Benzo[k]fluoranthene	800	69		190	
Bis(2-ethylhexyl) phthalate	NS	ND		ND	
Carbazole	NS	ND		ND	
Chrysene	1,000	140	J	380	
Dibenz(a,h)anthracene	330	ND		66	
Dibenzofuran	7,000	ND		ND	
Fluoranthene	100,000	190	J	560	
Fluorene	30,000	ND		ND	
Indeno[1,2,3-cd]pyrene	500	110		250	
Isophorone	NS	ND		ND	
2-Methylnaphthalene	NS	ND		ND	
Naphthalene	12,000	ND		ND	
Phenanthrene	100,000	62	J	310	J
Pyrene	100,000	260	J	600	
Pesticides (ug/kg)					
4,4'-DDD	3	ND		NR	
4,4'-DDE	3	ND		NR	
4,4'-DDT	3	ND		NR	
Dieldrin	5	ND		NR	
Methoxychlor	NS	ND		NR	

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-21 SUR		FP A-22 SUR
Sample Date		4/17/2012		4/17/2012
PCBs (ug/kg)				
Aroclor 1254	NS	ND		NR
Aroclor 1260	NS	ND		NR
Total	100	ND		NR
Metals (mg/kg)				
Aluminum	NS	4220		NR
Antimony	NS	ND		NR
Arsenic	13	1.7		NR
Barium	350	42.3		NR
Beryllium	7.2	0.24	J	NR
Cadmium	2.5	0.38	J	NR
Calcium	NS	23400		NR
Chromium	1	10.4		NR
Cobalt	NS	4.3	J	NR
Copper	50	19.1		NR
Iron	NS	10900		NR
Lead	63	38.8		NR
Magnesium	NS	3280		NR
Manganese	1600	234		NR
Nickel	30	9.0		NR
Potassium	NS	858	J	NR
Selenium	3.9	ND		NR
Silver	2	ND		NR
Sodium	NS	257	J	NR
Vanadium	NS	14.0		NR
Zinc	109	59.2		NR
Mercury	0.18	0.98		NR
General Chemistry				
Percent Moisture - %	NS	8.8		11.1
Percent Solids - %	NS	91.2		88.9

Notes:

highlighted cells indicate exceedances of NYSDEC Part 375 SCOs

nd - compound was not detected at the MDL.

j - Indicates an estimated value.

b - The analyte was found in an associated blank, as well as in the sample.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit for VOCs

* - RPD of the LCS and LCSD exceeds the control limits for VOCs

* - LCS or LCSD exceeds the control limits for VOCs and SVOCs

NR - Analysis not Requested

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 7B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP-B-1 S	FP-B-2 S	FP-B-3 S	FP-B-3 S DUP	FP-B-4 S	FP-B-5 S	FP-B-6 S	FP-B-7 S	FP-B-8 S	FP-B-9 S	FP-B-10 S
Sample Date		**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**
Volatile Organic Compounds (VOCs) (ug/kg												
Acetone	50	26 B	ND	50.0 B	51 B	35 B	33 B	30 B	32 B	9.4 JB	6.3 JB	50 B
Benzene	60	ND	26 J	0.56 J	0.76 J	0.21 J	0.44 J	ND	0.22 J	ND	0.2 J	ND
Carbon disulfide	NS	0.18 J	ND	0.91 J	1.1	1.5	3	1.1	1.2	ND	ND	2.2
cis-1,2-Dichloroethene	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100	ND	ND	ND	0.22 J	ND	0.95 J	0.43 J	0.27 J	ND	ND	ND
1,2-dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	2.7 J	ND	4.3 J	5.1 J	ND	3.3 J	3.7 J	3.6 J	ND	ND	5.6 J
Methylene Chloride	50	1.1 B	ND	0.87 JB	1.5 B	0.77 JB	0.33 J	1.1	1.1	0.96 J	0.98 J	1.2
Styrene	NS	ND	ND	ND	ND	0.61 J	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	0.29 J	ND	0.24 J	0.38 J	1.9	0.79 J	0.72 J	0.43 J	ND	0.27 J	0.3 J
Total Xylenes	260	ND	ND	ND	ND	0.85 J	2.2 J	1.1 J	ND	ND	ND	ND
Vinyl Chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	20,000	340 J	2,100 J	1,300	960	120 J	2,200	9,000	6,100	190 J	220 J	1,700 J
Acenaphthylene	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	59 J	ND
Anthracene	100,000	890	10,000	260 J	230 J	150 J	2,800	6,200	7,000	280 J	150 J	3,700
Benzo(a)anthracene	1,000	2,700	7,200	380	270	430	2,700	4,600	7,000	630	460	4,400
Benzo(a)pyrene	1,000	2,000	2,900	300	200	300	1,500	2,300	3,000	490	520	2,400
Benzo(b)fluoranthene	1,000	2,800	4,200	390	270	440	2,100	3,000	4,300	660	630	3,300
Benzo(g,h,i)perylene	100,000	1,500	1,000 J	190 J	130 J	170 J	680 J	800 J	1,200 J	340 J	420	1,000 J
Benzo(k)fluoranthene	800	1,000	1,800	170	110	170	770	1,500	1,900	260	230	1,700
Bis(2-ethylhexyl)phthalate	NS	ND	ND	ND	ND	170 J	1,200	800 J	ND	210 J	140 J	ND
Carbazole	NS	590 J	6,100	300 J	270 J	54 J	1,000	3,400	4,000	170 J	68 J	1,400 J
Chrysene	1,000	2,900	7,700	540	370	620	3,200	5,100	7,500	760	560	5,300
Dibenz(a,h) anthracene	330	400	290 J	50	30 J	45	200	240	250 J	89	91	340
Dibenzofuran	700	350 J	3,500 J	1,700	1,200	ND	1,900	8,100	6,600	170 J	230 J	1,700 J
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
di-n-Butylphthalate	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	6,100	39,000	1,600	1300	1,500	12,000	22,000	38,000	1,800	1,100	17,000
Flourene	30,000	480 J	7,100	2,500	1800	180 J	4,100	12,000	14,000	350 J	310 J	3,500
Indeno(1,2,3-cd)pyrene	500	1,600	1,200	200	140	190	800	970	1,300	380	420	1,200
Isophorone	NS	2,300	5,600	ND	ND	ND	4,500	1,000 J	1,500 J	ND	ND	4,200
2-methylnaphthalene	NS	200 J	930 J	940	770	83 J	910	3,000	1,800 J	260 J	380	660 J
Napthalene	12,000	170 J	ND	530	450	160 J	1,100	1,900	1,000 J	320 J	290 J	800 J
Phenanthrene	100,000	4,000	50,000	3,700	3000	780	14,000	38,000	54,000	1,500	950	16,000
Pyrene	100,000	4,400	26,000	1,100	880	1,200	7,700	15,000	27,000	1,300	820	12,000
Total Petroleum Hydrocarbon (TPH) (ug/kg)												
Qualitative Method	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA

Table 7B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-1 S	FP-B-2 S	FP-B-3 S	FP-B-3 S DUP	FP-B-4 S	FP-B-5 S	FP-B-6 S	FP-B-7 S	FP-B-8 S	FP-B-9 S	FP-B-10 S
Sample Date		2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Pesticides (ug/kg)												
4,4'-DDD	3.3	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
4,4'-DDE	3.3	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
4,4'-DDT	3.3	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
alpha-BHC	20	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
alpha-Chlordane	94	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
gamma-Chlordane	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Dieldrin	5	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Endrin	14	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Heptachlor	42	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
PCBs (ug/kg)												
Aroclor 1254		NA	NA	49 J	48 J	NA	NA	NA	NA	ND	NA	NA
Aroclor 1260		NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Total PCBs	100	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Metals (mg/kg)												
Aluminum	NS	NA	NA	5,930	5,950	NA	NA	NA	NA	6,860	NA	NA
Arsenic	13	NA	NA	2.9	4.6	NA	NA	NA	NA	2.9	NA	NA
Barium	350	NA	NA	77.9	90.8	NA	NA	NA	NA	54.7	NA	NA
Beryllium	7.2	NA	NA	0.29	0.39 J	NA	NA	NA	NA	0.3 J	NA	NA
Cadmium	2.5	NA	NA	0.39	0.51 J	NA	NA	NA	NA	0.29 J	NA	NA
Calcium	NS	NA	NA	4530	3,390	NA	NA	NA	NA	4,890	NA	NA
Chromium	30	NA	NA	15.9	30.1	NA	NA	NA	NA	28	NA	NA
Cobalt	NS	NA	NA	5.9	6.9 J	NA	NA	NA	NA	6.9 J	NA	NA
Copper	50	NA	NA	84	87	NA	NA	NA	NA	59.8	NA	NA
Iron	NS	NA	NA	17,400	23,200	NA	NA	NA	NA	30,900	NA	NA
Lead	63	NA	NA	124	112	NA	NA	NA	NA	67.1	NA	NA
Magnesium	NS	NA	NA	2,390	1,990	NA	NA	NA	NA	2,320	NA	NA
Manganese	1,600	NA	NA	314	490	NA	NA	NA	NA	383	NA	NA
Mercury	0.18	NA	NA	0.16	0.15	NA	NA	NA	NA	0.18	NA	NA
Nickel	30	NA	NA	11.9	14.1	NA	NA	NA	NA	24.2	NA	NA
Potassium	NS	NA	NA	942	853 J	NA	NA	NA	NA	1290	NA	NA
Selenium	3.9	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Silver	2	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Sodium	NS	NA	NA	ND	ND	NA	NA	NA	NA	309 J	NA	NA
Thallium	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Vanadium	NS	NA	NA	25.5	24.8	NA	NA	NA	NA	26.4	NA	NA
Zinc	109	NA	NA	102	95.1	NA	NA	NA	NA	89.3	NA	NA

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 7B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP-B-11 S	FP-B-12 S	FP-B-13 S	FB-B-14 S	FB-B-15 S	FB-B-16 S	FP-B-17 S	FB-B-18 S	FP-B-19 S	FP-B-20 S
Sample Date		**2/14/2012**	**2/14/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16 - 17/2012**	**2/15/2012**	**2/16/2012**	**2/15/2012**	**2/15/2012**
Volatile Organic Compounds (VOCs) (ug/kg											
Acetone	50	27 B	19 B	21	28	4.2 J	4.0 J	3.7 JB	9.4 J	7 JB	28 B
Benzene	60	0.28 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NS	2.6	0.56 J	0.26 J	0.85 J	ND	ND	ND	ND	ND	1.2
cis-1,2-Dichloroethene	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24 J
1,2-dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	ND	ND	2.6 J	3.8 J	ND	ND	ND	ND	ND	4.1 J
Methylene Chloride	50	1.1 B	1.1	0.38 JB	0.28 JB	0.22 JB	ND	0.25 JB	0.25 JB	0.28 JB	0.47 JB
Styrene	NS	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	0.13 J	ND	ND	ND
Toluene	700	0.61 J	0.24 J	0.15 J	0.28 J	0.17 J	ND	0.18 J	ND	1.4 JB	3.8
Total Xylenes	260	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6 J
Vinyl Chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	20,000	2,000	1,500	120	320 J	140 J	71 J	120 J	100 J	210 J	1,400
Acenaphthylene	100,000	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND
Anthracene	100,000	4,800	2,700	130 J	720	ND	ND	290 J	250 J	450	1,800
Benzo(a)anthracene	1,000	2,100	2,100	520	880	160	340	1,000	260	620	1,600
Benzo(a)pyrene	1,000	870	1,000	450	460	130	330	1,000	230	340	940
Benzo(b)fluoranthene	1,000	1,300	1,600	590	730	180	370	1,100	420	650	1,200
Benzo(g,h,i)perylene	100,000	320 J	680 J	380	310 J	67 J	270 J	870	260 J	210 J	610 J
Benzo(k)fluoranthene	800	660	680	230	380	75	140	450	140	250	580
Bis(2-ethylhexyl)phthalate	NS	ND	580 J	ND	140 J	ND	ND	190 J	ND	ND	ND
Carbazole	NS	2,200	1,400	61 J	270 J	ND	ND	170 J	94 J	150 J	670 J
Chrysene	1,000	2,900	2,300	520	1,000	190 J	340 J	1,200	360	950	1,800
Dibenz(a,h) anthracene	330	ND	180	78	52	11 J	63	210	41	ND	150
Dibenzofuran	700	2,700	1,700	79 J	380	ND	ND	77 J	160 J	300 J	1,500
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
di-n-Butylphthalate	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	11,000	8,400	970	2,700	390	610	2,300	1,100	2,700	6,200
Flourene	30,000	3,900	2,300	120 J	430	50 J	ND	150 J	210 J	540	2,800
Indeno(1,2,3-cd)pyrene	500	350	750	400	300	62	270	820	220	220	670
Isophorone	NS	4,200	3,100	730	8,100	ND	ND	180 J	50 J	ND	1,900
2-methylnaphthalene	NS	890 J	3,900	52 J	140 J	ND	ND	ND	ND	ND	550 J
Napthalene	12,000	590 J	510 J	ND	59 J	ND	ND	59 J	ND	ND	120 J
Phenanthrene	100,000	19,000	11,000	870	3,500	350 J	370 J	1,600	1,400	2,800	9,600
Pyrene	100,000	7,500	5,200	890	2,100	370	670	1,800	970	1,800	4,300
Total Petroleum Hydrocarbon (TPH) (ug/kg)											
Qualitative Method	NS	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA

Table 7B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP-B-11 S	FP-B-12 S	FP-B-13 S	FB-B-14 S	FB-B-15 S	FB-B-16 S	FP-B-17 S	FB-B-18 S	FP-B-19 S	FP-B-20 S
Sample Date		**2/14/2012**	**2/14/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16 - 17/2012**	**2/15/2012**	**2/16/2012**	**2/15/2012**	**2/15/2012**
Pesticides (ug/kg)											
4,4'-DDD	3.3	NA	NA	NA	NA	NA	ND	13	NA	NA	NA
4,4'-DDE	3.3	NA	NA	NA	NA	NA	ND	28	NA	NA	NA
4,4'-DDT	3.3	NA	NA	NA	NA	NA	6.5 J	89	NA	NA	NA
alpha-BHC	20	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
alpha-Chlordane	94	NA	NA	NA	NA	NA	ND	14 p	NA	NA	NA
gamma-Chlordane	NS	NA	NA	NA	NA	NA	ND	15	NA	NA	NA
Dieldrin	5	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Endrin	14	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Heptachlor	42	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
PCBs (ug/kg)											
Aroclor 1254		NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Aroclor 1260		NA	NA	NA	NA	NA	16 Jp	ND	NA	NA	NA
Total PCBs	100	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Metals (mg/kg)											
Aluminum	NS	NA	NA	NA	NA	NA	8,990	7,810	NA	NA	NA
Arsenic	13	NA	NA	NA	NA	NA	6.3	5.5	NA	NA	NA
Barium	350	NA	NA	NA	NA	NA	104	425	NA	NA	NA
Beryllium	7.2	NA	NA	NA	NA	NA	0.36 J	0.44	NA	NA	NA
Cadmium	2.5	NA	NA	NA	NA	NA	0.53 J	0.81 J	NA	NA	NA
Calcium	NS	NA	NA	NA	NA	NA	10800	21000	NA	NA	NA
Chromium	30	NA	NA	NA	NA	NA	21.1	23.7	NA	NA	NA
Cobalt	NS	NA	NA	NA	NA	NA	7.3 J	6.6 J	NA	NA	NA
Copper	50	NA	NA	NA	NA	NA	154	73.7	NA	NA	NA
Iron	NS	NA	NA	NA	NA	NA	21,900	21,900	NA	NA	NA
Lead	63	NA	NA	NA	NA	NA	254	274	NA	NA	NA
Magnesium	NS	NA	NA	NA	NA	NA	2,570	3,010	NA	NA	NA
Manganese	1,600	NA	NA	NA	NA	NA	310	317	NA	NA	NA
Mercury	0.18	NA	NA	NA	NA	NA	0.29	0.44	NA	NA	NA
Nickel	30	NA	NA	NA	NA	NA	15.5	15.3	NA	NA	NA
Potassium	NS	NA	NA	NA	NA	NA	947 J	960 J	NA	NA	NA
Selenium	3.9	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Silver	2	NA	NA	NA	NA	NA	.3 J	ND	NA	NA	NA
Sodium	NS	NA	NA	NA	NA	NA	219 J	364 J	NA	NA	NA
Thallium	NS	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Vanadium	NS	NA	NA	NA	NA	NA	25.9	30.4	NA	NA	NA
Zinc	109	NA	NA	NA	NA	NA	274	369	NA	NA	NA

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-1 (5.5-6.0)	FP A-2 (4.5-5.0)	FP A-3 (4.0-4.5)	FP A-4 (4.0 4.5)	FP A-5 (3.0-3.5)	FP A-6 (3.5-4.0)	FP A-7 (4.0-4.5)	FP A-8 (4.0-4.5)	FP A-9 (3.5-4.0)	FP A-10 (4.0-5.0)
Sample Date		**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/23/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/23/2012**
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	42 B	32 B	ND	29 B	45 B	36 B	30 B	44 B	48 B	29 B
Benzene	60	ND	0.30 J	ND	ND	ND	6.4	ND	0.29 J	17	0.23 J
Carbon disulfide	NS	0.49 J	0.33 J	ND	ND	ND	1.2	ND	0.36 J	0.40 J	ND
Chloroform	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	84000	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.24 J B	ND	ND	0.30 J B	ND	0.96 J B	0.36 J B	0.25 J B	ND	0.25 J B
Methyl Ethyl Ketone	120	3.7 J	3.0 J	ND	ND	4.3 J	3.7 J	2.0 J	3.3 J	3.5 J	3.2 J
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	160 J	ND	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	38000	ND	0.21 J	0.24 J	ND	ND	0.20 J	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	260	ND	ND	510000	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	20,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100,000	58 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	1,000	260	ND	110	ND	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	1,000	240	ND	88	ND	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	1,000	250	ND	110	ND	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	100,000	120 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	800	140	ND	51	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	ND	ND	ND	170 J	ND	ND	ND
Carbazole	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	1,000	270 J	ND	120 J	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	500	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	30,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	500	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100,000	340 J	ND	200 J	ND	ND	ND	ND	ND	ND	ND
Pyrene	100,000	540	ND	220 J	ND	55 J	ND	ND	ND	ND	ND
Pesticides (ug/kg)											
4,4'-DDD	3	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
4,4'-DDE	3	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
4,4'-DDT	3	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-1 (5.5-6.0)	FP A-2 (4.5-5.0)	FP A-3 (4.0-4.5)	FP A-4 (4.0 4.5)	FP A-5 (3.0-3.5)	FP A-6 (3.5-4.0)	FP A-7 (4.0-4.5)	FP A-8 (4.0-4.5)	FP A-9 (3.5-4.0)	FP A-10 (4.0-5.0)
Sample Date		**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/23/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/23/2012**
PCBs (ug/kg)											
Aroclor 1254	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Aroclor 1260	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Total	100	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Metals (mg/kg)											
Aluminum	NS	NR	NR	9230	NR	NR	NR	NR	9520	NR	NR
Antimony	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Arsenic	13	NR	NR	3.8	NR	NR	NR	NR	3.3	NR	NR
Barium	350	NR	NR	49.0	NR	NR	NR	NR	54.2	NR	NR
Beryllium	7.2	NR	NR	0.42 J	NR	NR	NR	NR	0.45	NR	NR
Cadmium	2.5	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Calcium	NS	NR	NR	3310	NR	NR	NR	NR	3270	NR	NR
Chromium	1	NR	NR	17.8	NR	NR	NR	NR	21.8	NR	NR
Cobalt	NS	NR	NR	7.1 J	NR	NR	NR	NR	8.2 J	NR	NR
Copper	50	NR	NR	19.8	NR	NR	NR	NR	24.5	NR	NR
Iron	NS	NR	NR	22200	NR	NR	NR	NR	25100	NR	NR
Lead	63	NR	NR	26.4	NR	NR	NR	NR	22.5	NR	NR
Magnesium	NS	NR	NR	2270	NR	NR	NR	NR	2420	NR	NR
Manganese	1600	NR	NR	352	NR	NR	NR	NR	412	NR	NR
Nickel	30	NR	NR	12.9	NR	NR	NR	NR	14.3	NR	NR
Potassium	NS	NR	NR	951 J	NR	NR	NR	NR	939 J	NR	NR
Selenium	3.9	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Silver	2	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Sodium	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Vanadium	NS	NR	NR	24.4	NR	NR	NR	NR	31.8	NR	NR
Zinc	109	NR	NR	71.9	NR	NR	NR	NR	33.9	NR	NR
Mercury	0.18	NR	NR	0.079	NR	NR	NR	NR	0.033 J	NR	NR
General Chemistry											
Percent Moisture - %	NS	17.9	23.3	18.9	16.1	23.9	19.7	17.5	18.1	18.6	18.0
Percent Solids - %	NS	82.1	76.7	81.1	83.9	76.1	80.3	82.5	81.9	81.4	82.0

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
J - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-11 (3.5-4.0)	FP A-12 (4-4.5)	FP A-13 (4.0-4.5)	FP A-13 (4.0-4.5)Dup	FP A-14 (5.0-5.5)	FP A-15 (4.0-4.5)	FP A-16 (3.5-4.0)	FPA 17 (2.5-3.0)	FP A-18 (4.0-4.5)	FP A-19 (4.5-5.0)
Sample Date		4/23/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/19/2012	4/18/2012	4/17/2012	4/19/2012
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	36 B	24	24	32	47	55		4.5 J	18 B	21
Benzene	60	0.47 J	7.0	0.51 J	4.0	2.3	0.24 J	ND	0.29 J	ND	ND
Carbon disulfide	NS	0.36 J	2.2	0.68 J	0.89 J	1.6	0.72 J	0.30 J	0.23 J	0.89 J	0.42 J
Chloroform	370	ND	ND	ND	ND	ND	ND	8.2	ND	ND	0.30 J
Ethylbenzene	1,000	ND	0.23 J	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.36 J B	0.38 J B	0.57 J B	0.34 J B	0.35 J B	0.43 J B	0.89 J B	0.23 J B	0.78 J B	0.37 J B
Methyl Ethyl Ketone	120	3.3 J	3.8 J	3.4 J	3.3 J	4.3 J	9.2 J	ND	ND	ND	2.2 J
Styrene	NS	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND
Toluene	700	ND	0.78 J	ND	0.20 J	ND	ND	0.22 J	ND	0.17 J	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND
Xylenes, Total	260	ND	1.3 J	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	20,000	ND	ND	ND	ND	ND	ND	2000 J	ND	ND	ND
Acenaphthylene	100,000	ND	ND	ND	ND	ND	ND	400 J	ND	ND	ND
Anthracene	100,000	ND	ND	ND	ND	ND	ND	4200	110 J	ND	ND
Benzo[a]anthracene	1,000	51	190	20 J	82	ND	ND	14000	560	ND	91
Benzo[a]pyrene	1,000	41	200	11 J	67	ND	ND	15000	610	ND	91
Benzo[b]fluoranthene	1,000	62	180	15 J	83	ND	ND	16000	690	ND	120
Benzo[g,h,i]perylene	100,000	42 J	140 J	ND	59 J	ND	ND	9400	650	ND	ND
Benzo[k]fluoranthene	800	27 J	80	ND	41	ND	ND	6700	310	ND	39 J
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	ND	140 J	ND	2200	710	ND	ND
Carbazole	NS	ND	ND	ND	ND	ND	ND	800 J	ND	ND	ND
Chrysene	1,000	51 J	210 J	ND	97 J	ND	ND	15000	620	ND	100 J
Dibenz(a,h)anthracene	330	ND	19 J	ND	8.9 J	ND	ND	2300	85	ND	ND
Dibenzofuran	7,000	ND	ND	ND	ND	ND	ND	1500 J	ND	ND	ND
Fluoranthene	100,000	120 J	200 J	ND	130 J	ND	ND	25000	720	ND	160 J
Fluorene	30,000	ND	ND	ND	ND	ND	ND	2000 J	ND	ND	ND
Indeno[1,2,3-cd]pyrene	500	36 J	100	ND	49	ND	ND	9600	590	ND	ND
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	ND	460 J	ND	ND	ND
Naphthalene	12,000	ND	150 J	ND	ND	ND	ND	720 J	50 J	ND	ND
Phenanthrene	100,000	97 J	120 J	ND	100 J	ND	110 J	22000	470	ND	78 J
Pyrene	100,000	120 J	250 J	ND	140 J	ND	ND	30000	680	35 J	170 J
Pesticides (ug/kg)											
4,4'-DDD	3	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
4,4'-DDE	3	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
4,4'-DDT	3	NR	NR	ND	5.9 J	NR	NR	NR	NR	NR	NR

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-11 (3.5-4.0)	FP A-12 (4-4.5)	FP A-13 (4.0-4.5)	FP A-13 (4.0-4.5)Dup	FP A-14 (5.0-5.5)	FP A-15 (4.0-4.5)	FP A-16 (3.5-4.0)	FPA 17 (2.5-3.0)	FP A-18 (4.0-4.5)	FP A-19 (4.5-5.0)
Sample Date		**4/23/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/19/2012**	**4/18/2012**	**4/17/2012**	**4/19/2012**
PCBs (ug/kg)											
Aroclor 1254	NS	NR	NR	ND	110	NR	NR	NR	NR	NR	NR
Aroclor 1260	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Total	100	NR	NR	ND	110	NR	NR	NR	NR	NR	NR
Metals (mg/kg)											
Aluminum	NS	NR	NR	5660	6330	NR	NR	NR	NR	NR	NR
Antimony	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Arsenic	13	NR	NR	2.3	2.1	NR	NR	NR	NR	NR	NR
Barium	350	NR	NR	32.6 J	50.7	NR	NR	NR	NR	NR	NR
Beryllium	7.2	NR	NR	0.35 J	0.35 J	NR	NR	NR	NR	NR	NR
Cadmium	2.5	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Calcium	NS	NR	NR	1430	3270	NR	NR	NR	NR	NR	NR
Chromium	1	NR	NR	15.4	16.6	NR	NR	NR	NR	NR	NR
Cobalt	NS	NR	NR	6 J	7.1 J	NR	NR	NR	NR	NR	NR
Copper	50	NR	NR	16.6	30.9	NR	NR	NR	NR	NR	NR
Iron	NS	NR	NR	17200	19200	NR	NR	NR	NR	NR	NR
Lead	63	NR	NR	17.2	77.3	NR	NR	NR	NR	NR	NR
Magnesium	NS	NR	NR	1780	1940	NR	NR	NR	NR	NR	NR
Manganese	1600	NR	NR	362	358	NR	NR	NR	NR	NR	NR
Nickel	30	NR	NR	10.8	13.3	NR	NR	NR	NR	NR	NR
Potassium	NS	NR	NR	731 J	977 J	NR	NR	NR	NR	NR	NR
Selenium	3.9	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Silver	2	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Sodium	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Vanadium	NS	NR	NR	22.1	24.7	NR	NR	NR	NR	NR	NR
Zinc	109	NR	NR	26.9	60	NR	NR	NR	NR	NR	NR
Mercury	0.18	NR	NR	ND	0.22	NR	NR	NR	NR	NR	NR
General Chemistry											
Percent Moisture - %	NS	18.9	21.0	15.4	19.0	13.3	22.8	21.8	18.7	15.8	21.1
Percent Solids - %	NS	81.1	79.0	84.6	81.0	86.7	77.2	78.2	81.3	84.2	78.9

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
J - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-20 (2.5-3.0)		FP A-21 (4.5-5.0)		FP A-22 (3.5-4.0)	
Sample Date		4/19/2012		4/19/2012		4/19/2012	
Volatile Organic Compounds (VOCs) (ug/kg)							
Acetone	50	31		29		34	
Benzene	60	2.7		0.54	J	0.32	J
Carbon disulfide	NS	0.95	J	5.0		2.3	
Chloroform	370	ND		ND		ND	
Ethylbenzene	1,000	ND		ND		ND	
Methylene Chloride	50	0.28	J B	1.6	B	ND	
Methyl Ethyl Ketone	120	3.6	J	3.6	J	4.5	J
Styrene	NS	ND		ND		ND	
Tetrachloroethene	1,300	ND		ND		ND	
Toluene	700	0.62	J	0.28	J	0.24	J
Trichloroethene	470	ND		ND		ND	
Xylenes, Total	260	ND		ND		ND	
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)							
Acenaphthene	20,000	100	J	1300	J	940	J
Acenaphthylene	100,000	ND		ND		420	J
Anthracene	100,000	270	J	4100		3000	
Benzo[a]anthracene	1,000	900		11000		12000	
Benzo[a]pyrene	1,000	1000		11000		11000	
Benzo[b]fluoranthene	1,000	1100		12000		11000	
Benzo[g,h,i]perylene	100,000	540		7100		7500	
Benzo[k]fluoranthene	800	520		5600		4200	
Bis(2-ethylhexyl) phthalate	NS	ND		ND		ND	
Carbazole	NS	65	J	1100	J	630	J
Chrysene	1,000	900		12000		12000	
Dibenz(a,h)anthracene	330	170		1700		1800	
Dibenzofuran	7,000	74	J	1200	J	550	J
Fluoranthene	100,000	1600		20000		16000	
Fluorene	30,000	110	J	1700	J	1100	J
Indeno[1,2,3-cd]pyrene	500	620		7000		6800	
2-Methylnaphthalene	NS	ND		350	J	ND	
Naphthalene	12,000	53	J	580	J	350	J
Phenanthrene	100,000	1200		17000		15000	
Pyrene	100,000	2000		28000		27000	
Pesticides (ug/kg)							
4,4'-DDD	3	NR		11	p	NR	
4,4'-DDE	3	NR		6.9	J	NR	
4,4'-DDT	3	NR		13		NR	

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-20 (2.5-3.0)	FP A-21 (4.5-5.0)		FP A-22 (3.5-4.0)
Sample Date		**4/19/2012**	**4/19/2012**		**4/19/2012**
PCBs (ug/kg)					
Aroclor 1254	NS	NR	62	J	NR
Aroclor 1260	NS	NR	61	J	NR
Total	100	NR	123		NR
Metals (mg/kg)					
Aluminum	NS	NR	4990		NR
Antimony	NS	NR	1.6	J	NR
Arsenic	13	NR	9.9		NR
Barium	350	NR	1280		NR
Beryllium	7.2	NR	0.33	J	NR
Cadmium	2.5	NR	1.6		NR
Calcium	NS	NR	54400		NR
Chromium	1	NR	50.3		NR
Cobalt	NS	NR	6.7	J	NR
Copper	50	NR	444		NR
Iron	NS	NR	24200		NR
Lead	63	NR	823		NR
Magnesium	NS	NR	4460		NR
Manganese	1600	NR	285		NR
Nickel	30	NR	39.2		NR
Potassium	NS	NR	975	J	NR
Selenium	3.9	NR	1.8	J	NR
Silver	2	NR	0.26	J	NR
Sodium	NS	NR	540	J	NR
Vanadium	NS	NR	28.8		NR
Zinc	109	NR	1370		NR
Mercury	0.18	NR	1.2		NR
General Chemistry					
Percent Moisture - %	NS	20.9	13.6		26.4
Percent Solids - %	NS	79.1	86.4		73.6

Notes:

highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reportec
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 8B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP-B-1 2'	FP-B-2 3'	FP-B-3 3'	FP-B-4 3'	FP-B-5 5'	FP-B-6 3.5'	FP-B-7 3.75'	FP-B-8 2'	FP-B-9 4'	FP-B-10 5.5'	FP-B-11 3.5'
Sample Date		**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/15/2012**	**2/14/2012**
Volatile Organic Compounds (VOCs) (ug/kg)												
Acetone	50	11 JB	21 B	26 B	36 B	16 B	23 B	23 B	18 B	33 B	32 B	ND
Benzene	60	ND	2.1	2.8	1.4	1.5	1.2	2.7	0.4 J	3.2	10	180
Carbon disulfide	NS	ND	0.37 J	0.34 J	0.5 J	0.17 J	0.35 J	0.39 J	ND	0.46 J	0.54 J	ND
cis-1,2-Dichloroethene	250	ND	ND	0.41 J	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100	ND	2	0.43 J	0.22 J	ND	1.6	0.87 J	ND	1.9	16	1300
1,2-dichloroethene	NS	ND	ND	0.41 j	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	1.8 J	ND	ND	6.1 J	ND	ND	ND	ND	4.8 J	4.7 J	ND
Methylene Chloride	50	ND	0.8 JB	ND	0.39 J	0.37 JB	0.45 J	1.3	0.28 J	0.29 J	0.27 JB	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7 J	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	ND	0.77 J	0.34 J	ND	0.21 J	0.43 J	0.52 J	ND	0.23 J	12	47 J
Total Xylenes	260	ND	4.8	1.4 J	ND	ND	3 J	1.2 J	ND	3.3 J	38	1600
Vinyl Chloride	20	ND	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	20,000	160 J	3,600	310 J	400 J	350 J	2,100	970	610 J	540	390 J	17,000
Acenaphthylene	100,000	74 J	ND	ND	91 J	ND	ND	220 J	300 J	90 J	ND	ND
Anthracene	100,000	380 J	3,800	340 J	570	560	1,800	1,500	2,200	700	290 J	14,000
Benzo(a)anthracene	1,000	1,400	7,200	830	1,600	1,100	1,400	3,600	6,000	1,700	270	14,000
Benzo(a)pyrene	1,000	1,400	5,800	700	1,600	830	910	3,300	5,800	1,600	140	7,400
Benzo(b)fluoranthene	1,000	1,500	6,300	730	1,800	900	1,100	3,400	5,600	1,600	190	10,000
Benzo(g,h,i)perylene	100,000	1,200	3,900	510	1,400	420	470 J	2,700	5,300	1,000	53 J	3,400 J
Benzo(k)fluoranthene	800	600	3,000	350	760	410	420	1,600	2,800	740	95	3,900
Bis(2-ethylhexyl)phthalate	NS	420 J	ND	150 J	ND	200 J	ND	ND	ND	610	ND	ND
Carbazole	NS	110 J	1,600 J	110 J	150 J	180 J	1,300	580 J	690 J	410	210 J	4,300
Chrysene	1,000	1,600	8,200	950	1,900	1,200	1,500	3,700	6,500	1,800	290 J	15,000
Dibenz(a,h) anthracene	330	260	1,100	150	320	120	110	630	1,300	280	ND	790
Dibenzofuran	700	99 J	3,100	310 J	180 J	180 J	2,200	780 J	490 J	430	400	14,000
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	100 J	ND
di-n-Butylphthalate	NS	200 J	ND	ND	ND	ND	ND	610 J	ND	ND	ND	ND
Fluoranthene	100,000	2,800	19,000	2,500	3,500	2,600	5,000	8,700	13,000	3,500	1400	55,000
Flourene	30,000	230 J	6,900	640	580	410	3,900	1,700	1,100	790	650	30,000
Indeno(1,2,3-cd)pyrene	500	1,200	4,200	550	1,400	500	530	2,700	5,100	1,000	64	3,800
Isophorone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	NS	110 J	3,000	260 J	160 J	170 J	1,400	920	370 J	780	370 J	11,000
Napthalene	12,000	140 J	2,600	370 J	320 J	350 J	4,900	2,400	560 J	1,500	750	13,000
Phenanthrene	100,000	1,500	22,000	2,600	2,200	2,100	9,000	7,400	7,600	3,200	2400	83,000
Pyrene	100,000	2,300	14,000	1,700	2,900	1,900	3,500	6,600	9,300	2,700	980	40,000
Total Petroleum Hydrocarbons (TPH) (ug/kg)												
Qualitative Method	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND

Table 8B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-1 2'	FP-B-2 3'	FP-B-3 3'	FP-B-4 3'	FP-B-5 5'	FP-B-6 3.5'	FP-B-7 3.75'	FP-B-8 2'	FP-B-9 4'	FP-B-10 5.5'	FP-B-11 3.5'
Sample Date		2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/15/2012	2/14/2012
Pesticides (ug/kg)												
4,4'-DDD	3.3	NA	11	NA	NA	NA	NA	NA	NA	NA	NA	ND
4,4'-DDE	3.3	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
4,4'-DDT	3.3	NA	61	NA	NA	NA	NA	NA	NA	NA	NA	4.4 Jp
alpha-BHC	20	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
alpha-Chlordane	94	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
gamma-Chlordane	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	5.5 Jp
Dieldrin	5	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Endrin	14	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Heptachlor	42	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
PCBs (ug/kg)												
Aroclor 1254		NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Aroclor 1260		NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Total PCBs	100	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Metals (mg/kg)												
Aluminum	NS	NA	4,860	NA	NA	NA	NA	NA	NA	NA	NA	7,090
Arsenic	13	NA	4.9	NA	NA	NA	NA	NA	NA	NA	NA	4.7
Barium	350	NA	70.5	NA	NA	NA	NA	NA	NA	NA	NA	77.8
Beryllium	7.2	NA	0.28 J	NA	NA	NA	NA	NA	NA	NA	NA	0.33 J
Cadmium	2.5	NA	0.4 J	NA	NA	NA	NA	NA	NA	NA	NA	0.49 J
Calcium	NS	NA	38,900	NA	NA	NA	NA	NA	NA	NA	NA	9,070
Chromium	30	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	18.6
Cobalt	NS	NA	5 J	NA	NA	NA	NA	NA	NA	NA	NA	6.0 J
Copper	50	NA	26.9	NA	NA	NA	NA	NA	NA	NA	NA	38
Iron	NS	NA	12,600	NA	NA	NA	NA	NA	NA	NA	NA	17,900
Lead	63	NA	105	NA	NA	NA	NA	NA	NA	NA	NA	158
Magnesium	NS	NA	5,460	NA	NA	NA	NA	NA	NA	NA	NA	2,480
Manganese	1,600	NA	307	NA	NA	NA	NA	NA	NA	NA	NA	293
Mercury	0.18	NA	0.11	NA	NA	NA	NA	NA	NA	NA	NA	0.340
Nickel	30	NA	18.4	NA	NA	NA	NA	NA	NA	NA	NA	15.3
Potassium	NS	NA	702 J	NA	NA	NA	NA	NA	NA	NA	NA	839 J
Selenium	3.9	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Silver	2	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Sodium	NS	NA	241 J	NA	NA	NA	NA	NA	NA	NA	NA	204 J
Thallium	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Vanadium	NS	NA	22.2	NA	NA	NA	NA	NA	NA	NA	NA	31.9
Zinc	109	NA	113	NA	NA	NA	NA	NA	NA	NA	NA	151

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 8B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP-B-12 3.5'	FB-B-13 3'	FB-B-13 3' Dup	FB-B-14 4'	FB-B-15 3'	FB-B-16 4.5'	FP-B-17 4.5'	FB-B- 18 4.5'	FP-B-19 3.5'	FP-B-20 4.5'
Sample Date		**2/14/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/15/2012**	**2/16/2012**	**2/15/2012**	**2/15/2012**
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	22 B	31 B	33 B	16	18	19	97 B	13	8.1 JB	22 B
Benzene	60	ND	1.1	1.7	0.28 J	0.39 J	ND	ND	ND	0.21 J	0.25 J
Carbon disulfide	NS	0.26 J	0.45 J	0.54 J	ND	0.27 J	ND	0.97 J	0.35 J	ND	0.40 J
cis-1,2-Dichloroethene	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100	ND	3.7	3.1	0.44 J	0.28 J	ND	ND	ND	ND	0.35 J
1,2-dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	3.4 J	6.5 J	6.0 J	2.3 JB	3.0 JB	2.4 J	7.8 J	1.6 J	ND	ND J
Methylene Chloride	50	0.46 J	ND	ND	0.35 JB	0.28 JB	0.2 JB	0.35 JB	0.41 JB	0.40 JB	0.31 JB
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	0.17 J	0.52 J	0.72 J	0.19 J	0.17 J	0.19 J	0.29 J	ND	ND	0.36 J
Total Xylenes	260	ND	5.1	6.8	ND	ND	ND	ND	ND	ND	1.2 J
Vinyl Chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	20,000	250 J	830	1,000	ND	790	ND	ND	140 J	390 J	410 J
Acenaphthylene	100,000	55 J	ND	120 J	ND	ND	ND	ND	ND	110 J	ND
Anthracene	100,000	410	1,000	2,300	ND	420	ND	ND	340 J	1,200	310 J
Benzo(a)anthracene	1,000	1,500	810	1,300	ND	1,100	65	93	850	3,500	1,000
Benzo(a)pyrene	1,000	1,400	330	570	ND	1,000	43	67	720	3,400	840
Benzo(b)fluoranthene	1,000	1,700	550	900	ND	1,000	47	71	800	3,700	990
Benzo(g,h,i)perylene	100,000	1,100	240 J	420 J	ND	690	ND	ND	360 J	2,400	540
Benzo(k)fluoranthene	800	670	220	350	ND	430	20 J	38 J	330	1,400	400
Bis(2-ethylhexyl)phthalate	NS	ND	ND	ND	ND	ND	ND	1,000	ND	ND	ND
Carbazole	NS	88 J	180 J	170 J	ND	150 J	ND	ND	55 J	470	60 J
Chrysene	1,000	1,800	870	1,600	ND	1,100	53 J	100 J	890	3,700	1,100
Dibenz(a,h) anthracene	330	300	49	83	ND	140	ND	ND	76	540	120
Dibenzofuran	700	110 J	680	880	ND	87 J	ND	ND	ND	290 J	170 J
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
di-n-Butylphthalate	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	3,300	4,300	6,700	ND	2,100	110 J	200 J	1,700	6,600	2,800
Flourene	30,000	430	1,900	2,600	ND	1,000	ND	ND	120 J	460	460
Indeno(1,2,3-cd)pyrene	500	1,100	240	420	ND	670	17 J	ND	360	2,300	570
Isophorone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	NS	100 J	1,200	2,100	62 J	170 J	ND	ND	ND	130 J	84 J
Napthalene	12,000	100 J	140 J	260 J	ND	1,200	ND	ND	ND	180 J	240 J
Phenanthrene	100,000	2,200	6,800	9,700	90 J	2,800	89 J	170 J	1,200	4,700	2,000
Pyrene	100,000	2,500	3,200	4,800	ND	2,200	120 J	160 J	1,800	6,300	2,000
Total Petroleum Hydrocarbons (TPH) (ug/kg)											
Qualitative Method	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND

Table 8B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-12 3.5'	FB-B-13 3'	FB-B-13 3' Dup	FB-B-14 4'	FB-B-15 3'	FB-B-16 4.5'	FP-B-17 4.5'	FB-B- 18 4.5'	FP-B-19 3.5'	FP-B-20 4.5'
Sample Date		**2/14/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/15/2012**	**2/16/2012**	**2/15/2012**	**2/15/2012**
Pesticides (ug/kg)											
4,4'-DDD	3.3	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
4,4'-DDE	3.3	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
4,4'-DDT	3.3	NA	ND	ND	NA	NA	NA	NA	NA	NA	8.4 J
alpha-BHC	20	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
alpha-Chlordane	94	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
gamma-Chlordane	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Dieldrin	5	NA	ND	ND	NA	NA	NA	NA	NA	NA	4.3 Jp
Endrin	14	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Heptachlor	42	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
PCBs (ug/kg)											
Aroclor 1254		NA	ND	ND	NA	NA	NA	NA	NA	NA	72 J
Aroclor 1260		NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Total PCBs	100	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Metals (mg/kg)											
Aluminum	NS	NA	6,400	7,460	NA	NA	NA	NA	NA	NA	6,510
Arsenic	13	NA	3.9	5.4	NA	NA	NA	NA	NA	NA	8.5
Barium	350	NA	194	306	NA	NA	NA	NA	NA	NA	101
Beryllium	7.2	NA	0.39 J	0.38 J	NA	NA	NA	NA	NA	NA	0.42 J
Cadmium	2.5	NA	0.36 J	0.56 J	NA	NA	NA	NA	NA	NA	0.18 J
Calcium	NS	NA	3970	5930	NA	NA	NA	NA	NA	NA	17800
Chromium	30	NA	18.8	22.2	NA	NA	NA	NA	NA	NA	15.5
Cobalt	NS	NA	6.7 J	7.5 J	NA	NA	NA	NA	NA	NA	6.9 J
Copper	50	NA	62.9	102	NA	NA	NA	NA	NA	NA	45.0
Iron	NS	NA	18,100	19,200	NA	NA	NA	NA	NA	NA	18,200
Lead	63	NA	188	256	NA	NA	NA	NA	NA	NA	257
Magnesium	NS	NA	2,020	2,770	NA	NA	NA	NA	NA	NA	1,950
Manganese	1,600	NA	317	296	NA	NA	NA	NA	NA	NA	255
Mercury	0.18	NA	0.19	0.19	NA	NA	NA	NA	NA	NA	ND
Nickel	30	NA	15.3	19.0	NA	NA	NA	NA	NA	NA	14.9
Potassium	NS	NA	890 J	1440	NA	NA	NA	NA	NA	NA	877 J
Selenium	3.9	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Silver	2	NA	0.80 J	1.9 J	NA	NA	NA	NA	NA	NA	ND
Sodium	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Thallium	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Vanadium	NS	NA	24.4	27.5	NA	NA	NA	NA	NA	NA	21.9
Zinc	109	NA	183	270	NA	NA	NA	NA	NA	NA	140

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-1 SUR	FP A-2 SUR	FP A-3 SUR	FP A-4 SUR	FP A-5 SUR	FP A-6 SUR	FP A-7 SUR	FP A-8 SUR	FP A-9 SUR	FP A-10 SUR
Sample Date		**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	25 B	32 B	36 B	52	19	30	63	29	51	33
Benzene	60	ND	ND	ND	0.20 J	ND	ND	ND	ND	0.34 J	ND
Carbon disulfide	NS	0.26 J	0.65 J	0.40 J	1.1	0.44 J	0.30 J	2.0	2.3	0.65 J	ND
Chloroform	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.39 J B	0.48 J B	1.1 B	0.63 J B	0.94 J B	0.45 J B	1.3 B	3.5 B	2.4 B	3.2 B
Methyl Ethyl Ketone	120	1.7 J	3.6 J	1.7 J	5.0 J	ND	ND	3.6 J	1.7 J	3.0 J	3.2 J
Methyl isobutyl ketone (MIBK)	NS	ND	ND	ND	1.9 J	ND	ND	ND	ND	ND	ND
Styrene	NS	0.48 J	0.71 J	ND	0.72 J	ND	0.41 J	ND	ND	0.33 J	ND
Toluene	700	0.15 J	0.31 J	0.33 J	0.28 J	0.22 J	0.14 J	ND	0.29 J	0.19 J	0.24 J
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	98,000	65 J	ND	60 J	280 J	120 J	ND	59 J	ND	ND	ND
Anthracene	1,000,000	200 J	130 J	180 J	760	280 J	140 J	230 J	ND	ND	ND
Benzo[a]anthracene	1,000	480	320	530	1700	720	650	1300	86	220	230
Benzo[a]pyrene	22,000	340	240	460	1400	580	540	940	79	170	ND
Benzo[b]fluoranthene	1,700	450	290	570	1800	680	660	1200	120	270	ND
Benzo[g,h,i]perylene	1,000,000	180 J	150 J	290 J	780	350 J	310 J	560	66 J	ND	ND
Benzo[k]fluoranthene	1,700	170	ND	210	750	340	300	660	39	89	ND
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	1400	350 J	320 J	310 J	ND	690 J	ND
Carbazole	NS	79 J	48 J	55 J	210 J	99 J	46 J	190 J	ND		ND
Chrysene	1,000	490	370 J	600	1600	730	600	1200	94 J	230 J	250 J
Dibenz(a,h)anthracene	1,000,000	ND	ND	ND	270	110	100	200	ND	ND	ND
Dibenzofuran	210,000	56 J	ND	53 J	280 J	92 J	ND	ND	ND	ND	ND
Fluoranthene	1,000,000	850	560	860	3000	1300	1000	2600	160 J	320 J	320 J
Fluorene	386,000	100 J	ND	85 J	370 J	120 J	50 J	86 J	ND	ND	ND
Indeno[1,2,3-cd]pyrene	8,200	190	170	310	870	370	330	640	68	ND	ND
Isophorone	NS	ND	100 J	73 J	120 J	310 J	60 J	290 J	ND	570 J	3100
2-Methylnaphthalene	NS	ND	ND	ND	96 J	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	56 J	ND	ND	ND	ND	ND
Phenanthrene	1,000,000	670	480	650	3000	1100	600	990	94 J	210 J	260 J
Pyrene	1,000,000	920	610	880	3200	1400	980	1900	180 J	330 J	330 J
Pesticides (ug/kg)											
4,4'-DDD	14,000	ND	NR	NR	8.8 p	NR	NR	NR	ND	NR	NR
4,4'-DDE	17,000	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR
4,4'-DDT	136,000	ND	NR	NR	19	NR	NR	NR	ND	NR	NR
Dieldrin	100	ND	NR	NR	7.1 J p	NR	NR	NR	ND	NR	NR
Methoxychlor	NS	ND	NR	NR	8.3 p	NR	NR	NR	ND	NR	NR
PCBs (ug/kg)											
Aroclor 1254	NS	ND	NR	NR	220	NR	NR	NR	ND	NR	NR
Aroclor 1260	NS	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR
Total	3,200	ND	NR	NR	220	NR	NR	NR	ND	NR	NR

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-1 SUR	FP A-2 SUR	FP A-3 SUR	FP A-4 SUR	FP A-5 SUR	FP A-6 SUR	FP A-7 SUR	FP A-8 SUR	FP A-9 SUR	FP A-10 SUR
Sample Date		**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**
Metals (mg/kg)											
Aluminum	NS	8190	NR	NR	10700	NR	NR	NR	3790	NR	NR
Antimony	NS	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR
Arsenic	16	9.3	NR	NR	4.9	NR	NR	NR	1.9	NR	NR
Barium	820	76.1	NR	NR	97.8	NR	NR	NR	33.4 J	NR	NR
Beryllium	47	0.32 J	NR	NR	0.39 J	NR	NR	NR	0.23 J	NR	NR
Cadmium	7.5	1.1	NR	NR	0.55 J	NR	NR	NR	0.22 J	NR	NR
Calcium	NS	14500	NR	NR	28000	NR	NR	NR	14100	NR	NR
Chromium	19	21.4	NR	NR	26.8	NR	NR	NR	10.9	NR	NR
Cobalt	NS	8.3 J	NR	NR	10.3 J	NR	NR	NR	3.7 J	NR	NR
Copper	1720	62.2	NR	NR	39.6	NR	NR	NR	20.9	NR	NR
Iron	NS	21900	NR	NR	24500	NR	NR	NR	11800	NR	NR
Lead	450	106	NR	NR	99.0	NR	NR	NR	55.5	NR	NR
Magnesium	NS	4530	NR	NR	6470	NR	NR	NR	3090	NR	NR
Manganese	2000	279	NR	NR	317	NR	NR	NR	216	NR	NR
Nickel	130	20.6	NR	NR	23.7	NR	NR	NR	8.8	NR	NR
Potassium	NS	3150	NR	NR	3960	NR	NR	NR	642 J	NR	NR
Selenium	4	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR
Silver	8.3	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR
Sodium	NS	269 J	NR	NR	500 J	NR	NR	NR	ND	NR	NR
Vanadium	NS	30.1	NR	NR	33.0	NR	NR	NR	14.6	NR	NR
Zinc	2480	139	NR	NR	131	NR	NR	NR	58.6	NR	NR
Mercury	0.73	0.14	NR	NR	0.16	NR	NR	NR	0.036	NR	NR
General Chemistry											
Percent Moisture - %	NS	9.2	12.3	8.2	9.7	7.3	7.3	13.9	10.7	11.4	11.7
Percent Solids - %	NS	90.8	87.7	91.8	90.3	92.7	92.7	86.1	89.3	88.6	88.3

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-11 SUR	FP A-12 SUR	FP A-13 SUR	FP A-14 SUR	FP A-15 SUR	FP A-15 SUR Dup	FP A-16 SUR	FP A-17 SUR	FP A-18 SUR	FP A-19 SUR
Sample Date		4/19/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/17/2012	4/17/2012	4/17/2012	4/17/2012
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	220	26	52	51	30	20	5.4 J B	16 B	ND	15 B
Benzene	60	0.38 J	0.18 J	0.39 J	0.69 J	0.64 J	0.47 J	ND	ND	ND	0.17 J
Carbon disulfide	NS	0.25 J	1.6	1.9	3.2	0.36 J	ND	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	ND	0.39 J	ND	ND	ND	ND	2.6
Methylene Chloride	50	0.94 J B	0.30 J B	0.37 J B	0.38 J B	0.35 J B	0.24 J B	0.86 J B	0.70 J B	0.75 J B	0.38 J B
Methyl Ethyl Ketone	120	7.3 J	ND	3.0 J	4.6 J	ND	ND	ND	ND	ND	ND
Methyl isobutyl ketone (MIBK)	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	0.54 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	0.31 J	0.36 J	0.40 J	0.22 J	0.18 J	ND	0.30 J	0.36 J	0.16 J	0.19 J
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	98,000	ND	100 J	ND	ND	ND	ND	ND	180 J	ND	ND
Anthracene	1,000,000	93 J	190 J	200 J	ND	70 J	ND	ND	540	79 J	90 J
Benzo[a]anthracene	1,000	290	520	1100	59	320	58	49	1000	310	380
Benzo[a]pyrene	22,000	300	380	1100	36 J	380	53	54	850	320	430
Benzo[b]fluoranthene	1,700	370	460	1200	50	540	77	65	1100	390	540
Benzo[g,h,i]perylene	1,000,000	150 J	340 J	980	31 J	330 J	46 J	38 J	550	200 J	330 J
Benzo[k]fluoranthene	1,700	170	220	430	31 J	190	46	33 J	410	150	190
Bis(2-ethylhexyl) phthalate	NS	ND	7300	360 J	390	2300	ND	ND	ND	ND	ND
Carbazole	NS	ND	72 J	ND	ND	ND	ND	ND	140 J	ND	ND
Chrysene	1,000	290 J	550	1200	66 J	390 J	69 J	50 J	1000	310 J	400
Dibenz(a,h)anthracene	1,000,000	ND	60	150	ND	75	12 J	ND	170	ND	65
Dibenzofuran	210,000	ND	75 J	ND	ND	ND	ND	ND	160 J	ND	ND
Fluoranthene	1,000,000	460	1100	1700	110 J	500	61 J	79 J	1800	460	640
Fluorene	386,000	ND	110 J	58 J	ND	ND	ND	ND	200 J	ND	ND
Indeno[1,2,3-cd]pyrene	8,200	170	320	1000	28 J	330	38 J	41	620	220	310
Isophorone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS	ND	830	ND	ND	ND	ND	ND	58 J	ND	ND
Naphthalene	12,000	ND	110 J	ND	ND	ND	ND	ND	49 J	ND	ND
Phenanthrene	1,000,000	340 J	1100	720	97 J	310 J	ND	ND	1800	300 J	340 J
Pyrene	1,000,000	470	810	1500	98 J	460	65 J	95 J	1800	490	720
Pesticides (ug/kg)											
4,4'-DDD	14,000	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
4,4'-DDE	17,000	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
4,4'-DDT	136,000	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Dieldrin	100	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Methoxychlor	NS	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
PCBs (ug/kg)											
Aroclor 1254	NS	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Aroclor 1260	NS	NR	NR	NR	NR	22	NR	NR	NR	NR	NR
Total	3,200	NR	NR	NR	NR	22	NR	NR	NR	NR	NR

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-11 SUR	FP A-12 SUR	FP A-13 SUR	FP A-14 SUR	FP A-15 SUR	FP A-15 SUR Dup	FP A-16 SUR	FP A-17 SUR	FP A-18 SUR	FP A-19 SUR
Sample Date		4/19/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/17/2012	4/17/2012	4/17/2012	4/17/2012
Metals (mg/kg)											
Aluminum	NS	NR	NR	NR	NR	5410	NR	NR	NR	NR	NR
Antimony	NS	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Arsenic	16	NR	NR	NR	NR	3.6	NR	NR	NR	NR	NR
Barium	820	NR	NR	NR	NR	68.3	NR	NR	NR	NR	NR
Beryllium	47	NR	NR	NR	NR	0.25 j	NR	NR	NR	NR	NR
Cadmium	7.5	NR	NR	NR	NR	0.46 j	NR	NR	NR	NR	NR
Calcium	NS	NR	NR	NR	NR	6610	NR	NR	NR	NR	NR
Chromium	19	NR	NR	NR	NR	14.1	NR	NR	NR	NR	NR
Cobalt	NS	NR	NR	NR	NR	6.5 j	NR	NR	NR	NR	NR
Copper	1720	NR	NR	NR	NR	67.9	NR	NR	NR	NR	NR
Iron	NS	NR	NR	NR	NR	17400	NR	NR	NR	NR	NR
Lead	450	NR	NR	NR	NR	181	NR	NR	NR	NR	NR
Magnesium	NS	NR	NR	NR	NR	2010	NR	NR	NR	NR	NR
Manganese	2000	NR	NR	NR	NR	220	NR	NR	NR	NR	NR
Nickel	130	NR	NR	NR	NR	15.9	NR	NR	NR	NR	NR
Potassium	NS	NR	NR	NR	NR	753 j	NR	NR	NR	NR	NR
Selenium	4	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Silver	8.3	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Sodium	NS	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Vanadium	NS	NR	NR	NR	NR	17.4	NR	NR	NR	NR	NR
Zinc	2480	NR	NR	NR	NR	172	NR	NR	NR	NR	NR
Mercury	0.73	NR	NR	NR	NR	0.29	NR	NR	NR	NR	NR
General Chemistry											
Percent Moisture - %	NS	15.8	11.4	12.5	12.5	25.7	15.0	6.9	10.5	9.6	14.4
Percent Solids - %	NS	84.2	88.6	87.5	87.5	74.3	85.0	93.1	89.5	90.4	85.6

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-20 SUR	FP A-20 SUR Dup	FP A-21 SUR	FP A-22 SUR
Sample Date		4/17/2012	4/18/2012	4/17/2012	4/17/2012
Volatile Organic Compounds (VOCs) (ug/kg)					
Acetone	50	10 J B	ND	13 B	21 B
Benzene	60	ND	ND	ND	0.16 J
Carbon disulfide	NS	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	ND
Methylene Chloride	50	0.78 J B	0.30 J B	0.62 J B	0.74 J B
Methyl Ethyl Ketone	120	ND	ND	ND	ND
Methyl isobutyl ketone (MIBK)	NS	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND
Toluene	700	0.18 J	ND	ND	0.17 J
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)					
Acenaphthene	98,000	ND	ND	ND	ND
Anthracene	1,000,000	ND	ND	ND	61 J
Benzo[a]anthracene	1,000	ND	ND	130	330
Benzo[a]pyrene	22,000	ND	ND	140	320
Benzo[b]fluoranthene	1,700	ND	ND	190	420
Benzo[g,h,i]perylene	1,000,000	ND	ND	110 J	240 J
Benzo[k]fluoranthene	1,700	ND	ND	69	190
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	ND
Carbazole	NS	ND	ND	ND	ND
Chrysene	1,000	ND	ND	140 J	380
Dibenz(a,h)anthracene	1,000,000	ND	ND	ND	66
Dibenzofuran	210,000	ND	ND	ND	ND
Fluoranthene	1,000,000	ND	ND	190 J	560
Fluorene	386,000	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	8,200	ND	ND	110	250
Isophorone	NS	ND	70 J	ND	ND
2-Methylnaphthalene	NS	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND
Phenanthrene	1,000,000	ND	ND	62 J	310 J
Pyrene	1,000,000	ND	ND	260 J	600
Pesticides (ug/kg)					
4,4'-DDD	14,000	NR	NR	ND	NR
4,4'-DDE	17,000	NR	NR	ND	NR
4,4'-DDT	136,000	NR	NR	ND	NR
Dieldrin	100	NR	NR	ND	NR
Methoxychlor	NS	NR	NR	ND	NR
PCBs (ug/kg)					
Aroclor 1254	NS	NR	NR	ND	NR
Aroclor 1260	NS	NR	NR	ND	NR
Total	3,200	NR	NR	ND	NR

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-20 SUR	FP A-20 SUR Dup	FP A-21 SUR		FP A-22 SUR
Sample Date		4/17/2012	4/18/2012	4/17/2012		4/17/2012
Metals (mg/kg)						
Aluminum	NS	NR	NR	4220		NR
Antimony	NS	NR	NR	ND		NR
Arsenic	16	NR	NR	1.7		NR
Barium	820	NR	NR	42.3		NR
Beryllium	47	NR	NR	0.24	J	NR
Cadmium	7.5	NR	NR	0.38	J	NR
Calcium	NS	NR	NR	23400		NR
Chromium	19	NR	NR	10.4		NR
Cobalt	NS	NR	NR	4.3	J	NR
Copper	1720	NR	NR	19.1		NR
Iron	NS	NR	NR	10900		NR
Lead	450	NR	NR	38.8		NR
Magnesium	NS	NR	NR	3280		NR
Manganese	2000	NR	NR	234		NR
Nickel	130	NR	NR	9.0		NR
Potassium	NS	NR	NR	858	J	NR
Selenium	4	NR	NR	ND		NR
Silver	8.3	NR	NR	ND		NR
Sodium	NS	NR	NR	257	J	NR
Vanadium	NS	NR	NR	14.0		NR
Zinc	2480	NR	NR	59.2		NR
Mercury	0.73	NR	NR	0.98		NR
General Chemistry						
Percent Moisture - %	NS	11.5	10.9	8.8		11.1
Percent Solids - %	NS	88.5	89.1	91.2		88.9

Notes:

highlighted cells indicate exceedances of NYSDEC Part 375 SCOs

nd - compound was not detected at the MDL.

j - Indicates an estimated value.

b - The analyte was found in an associated blank, as well as in the sample.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit for VOCs

* - RPD of the LCS and LCSD exceeds the control limits for VOCs

* - LCS or LCSD exceeds the control limits for VOCs and SVOCs

NR - Analysis not Requested

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 9B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-1 S	FP-B-2 S	FP-B-3 S	FP-B-3 S DUP	FP-B-4 S	FP-B-5 S	FP-B-6 S	FP-B-7 S	FP-B-8 S	FP-B-9 S	FP-B-10 S
Sample Date		**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**
Volatile Organic Compounds (VOCs) (ug/kg)												
Acetone	50	26 B	ND	50.0 B	51 B	35 B	33 B	30 B	32 B	9.4 JB	6.3 JB	50 B
Benzene	60	ND	26 J	0.56 J	0.76 J	0.21 J	0.44 J	ND	0.22 J	ND	0.2 J	ND
Carbon disulfide	NS	0.18 J	ND	0.91 J	1.1	1.5	3	1.1	1.2	ND	ND	2.2
cis-1,2-Dichloroethene	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	0.22 J	ND	0.95 J	0.43 J	0.27 J	ND	ND	ND
1,2-dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	2.7 J	ND	4.3 J	5.1 J	ND	3.3 J	3.7 J	3.6 J	ND	ND	5.6 J
Methylene Chloride	50	1.1 B	ND	0.87 JB	1.5 B	0.77 JB	0.33 J	1.1	1.1	0.96 J	0.98 J	1.2
Styrene	NS	ND	ND	ND	ND	0.61 J	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	0.29 J	ND	0.24 J	0.38 J	1.9	0.79 J	0.72 J	0.43 J	ND	0.27 J	0.3 J
Total Xylenes	1,600	ND	ND	ND	ND	0.85 J	2.2 J	1.1 J	ND	ND	ND	ND
Vinyl Chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	98,000	340 J	2,100 J	1,300	960	120 J	2,200	9,000	6,100	190 J	220 J	1,700 J
Acenaphthylene	107,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	59 J	ND
Anthracene	1,000,000	890	10,000	260 J	230 J	150 J	2,800	6,200	7,000	280 J	150 J	3,700
Benzo(a)anthracene	1,000	2,700	7,200	380	270	430	2,700	4,600	7,000	630	460	4,400
Benzo(a)pyrene	22,000	2,000	2,900	300	200	300	1,500	2,300	3,000	490	520	2,400
Benzo(b)fluoranthene	1,700	2,800	4,200	390	270	440	2,100	3,000	4,300	660	630	3,300
Benzo(g,h,i)perylene	1,000,000	1,500	1,000 J	190 J	130 J	170 J	680 J	800 J	1,200 J	340 J	420	1,000 J
Benzo(k)fluoranthene	1,700	1,000	1,800	170	110	170	770	1,500	1,900	260	230	1,700
Bis(2-ethylhexyl)phthalate	NS	ND	ND	ND	ND	170 J	1,200	800 J	ND	210 J	140 J	ND
Carbazole	NS	590 J	6,100	300 J	270 J	54 J	1,000	3,400	4,000	170 J	68 J	1,400 J
Chrysene	1,000	2,900	7,700	540	370	620	3,200	5,100	7,500	760	560	5,300
Dibenz(a,h) anthracene	1,000,000	400	290 J	50	30 J	45	200	240	250 J	89	91	340
Dibenzofuran	210,000	350 J	3,500 J	1,700	1,200	ND	1,900	8,100	6,600	170 J	230 J	1,700 J
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
di-n-Butylphthalate	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1,000,000	6,100	39,000	1,600	1300	1,500	12,000	22,000	38,000	1,800	1,100	17,000
Flourene	386,000	480 J	7,100	2,500	1800	180 J	4,100	12,000	14,000	350 J	310 J	3,500
Indeno(1,2,3-cd)pyrene	8,200	1,600	1,200	200	140	190	800	970	1,300	380	420	1,200
Isophorone	NS	2,300	5,600	ND	ND	ND	4,500	1,000 J	1,500 J	ND	ND	4,200
2-methylnaphthalene	NS	200 J	930 J	940	770	83 J	910	3,000	1,800 J	260 J	380	660 J
Napthalene	12,000	170 J	ND	530	450	160 J	1,100	1,900	1,000 J	320 J	290 J	800 J
Phenanthrene	1,000,000	4,000	50,000	3,700	3000	780	14,000	38,000	54,000	1,500	950	16,000
Pyrene	1,000,000	4,400	26,000	1,100	880	1,200	7,700	15,000	27,000	1,300	820	12,000
Total Petroleum Hydrocarbon (TPH) (ug/kg)												
Qualitative Method	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA

Table 9B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-1 S	FP-B-2 S	FP-B-3 S	FP-B-3 S DUP	FP-B-4 S	FP-B-5 S	FP-B-6 S	FP-B-7 S	FP-B-8 S	FP-B-9 S	FP-B-10 S
Sample Date		2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Pesticides (ug/kg)												
4,4'-DDD	14,000	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
4,4'-DDE	17,000	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
4,4'-DDT	136,000	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
alpha-BHC	20	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
alpha-Chlordane	2,900	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
gamma-Chlordane	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Dieldrin	100	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Endrin	60	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Heptachlor	380	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
PCBs (ug/kg)												
Aroclor 1254	NS	NA	NA	49 J	48 J	NA	NA	NA	NA	ND	NA	NA
Aroclor 1260	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Total PCBs	3,200	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Metals (mg/kg)												
Aluminum	NS	NA	NA	5,930	5,950	NA	NA	NA	NA	6,860	NA	NA
Arsenic	16	NA	NA	2.9	4.6	NA	NA	NA	NA	2.9	NA	NA
Barium	820	NA	NA	77.9	90.8	NA	NA	NA	NA	54.7	NA	NA
Beryllium	47	NA	NA	0.29	0.39 J	NA	NA	NA	NA	0.3 J	NA	NA
Cadmium	7.5	NA	NA	0.39	0.51 J	NA	NA	NA	NA	0.29 J	NA	NA
Calcium	NS	NA	NA	4530	3,390	NA	NA	NA	NA	4,890	NA	NA
Chromium	NS	NA	NA	15.9	30.1	NA	NA	NA	NA	28	NA	NA
Cobalt	NS	NA	NA	5.9	6.9 J	NA	NA	NA	NA	6.9 J	NA	NA
Copper	1720	NA	NA	84	87	NA	NA	NA	NA	59.8	NA	NA
Iron	NS	NA	NA	17,400	23,200	NA	NA	NA	NA	30,900	NA	NA
Lead	450	NA	NA	124	112	NA	NA	NA	NA	67.1	NA	NA
Magnesium	NS	NA	NA	2,390	1,990	NA	NA	NA	NA	2,320	NA	NA
Manganese	2000	NA	NA	314	490	NA	NA	NA	NA	383	NA	NA
Mercury	0.73	NA	NA	0.16	0.15	NA	NA	NA	NA	0.18	NA	NA
Nickel	130	NA	NA	11.9	14.1	NA	NA	NA	NA	24.2	NA	NA
Potassium	NS	NA	NA	942	853 J	NA	NA	NA	NA	1290	NA	NA
Selenium	4	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Silver	8.3	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Sodium	NS	NA	NA	ND	ND	NA	NA	NA	NA	309 J	NA	NA
Thallium	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Vanadium	NS	NA	NA	25.5	24.8	NA	NA	NA	NA	26.4	NA	NA
Zinc	2480	NA	NA	102	95.1	NA	NA	NA	NA	89.3	NA	NA

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 9B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-11 S	FP-B-12 S	FP-B-13 S	FB-B-14 S	FB-B-15 S	FB-B-16 S	FP-B-17 S	FB-B-18 S	FP-B-19 S	FP-B-20 S
Sample Date		2/14/2012	2/14/2012	2/16/2012	2/16/2012	2/16/2012	2/16 - 17/2012	2/15/2012	2/16/2012	2/15/2012	2/15/2012
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	27 B	19 B	21	28	4.2 J	4.0 J	3.7 JB	9.4 J	7 JB	28 B
Benzene	60	0.28 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NS	2.6	0.56 J	0.26 J	0.85 J	ND	ND	ND	ND	ND	1.2
cis-1,2-Dichloroethene	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24 J
1,2-dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	ND	ND	2.6 J	3.8 J	ND	ND	ND	ND	ND	4.1 J
Methylene Chloride	50	1.1 B	1.1	0.38 JB	0.28 JB	0.22 JB	ND	0.25 JB	0.25 JB	0.28 JB	0.47 JB
Styrene	NS	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	0.13 J	ND	ND	ND
Toluene	700	0.61 J	0.24 J	0.15 J	0.28 J	0.17 J	ND	0.18 J	ND	1.4 JB	3.8
Total Xylenes	1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6 J
Vinyl Chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	98,000	2,000	1,500	120	320 J	140 J	71 J	120 J	100 J	210 J	1,400
Acenaphthylene	107,000	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,000,000	4,800	2,700	130 J	720	ND	ND	290 J	250 J	450	1,800
Benzo(a)anthracene	1,000	2,100	2,100	520	880	160	340	1,000	260	620	1,600
Benzo(a)pyrene	22,000	870	1,000	450	460	130	330	1,000	230	340	940
Benzo(b)fluoranthene	1,700	1,300	1,600	590	730	180	370	1,100	420	650	1,200
Benzo(g,h,i)perylene	1,000,000	320 J	680 J	380	310 J	67 J	270 J	870	260 J	210 J	610 J
Benzo(k)fluoranthene	1,700	660	680	230	380	75	140	450	140	250	580
Bis(2-ethylhexyl)phthalate	NS	ND	580 J	ND	140 J	ND	ND	190 J	ND	ND	ND
Carbazole	NS	2,200	1,400	61 J	270 J	ND	ND	170 J	94 J	150 J	670 J
Chrysene	1,000	2,900	2,300	520	1,000	190 J	340 J	1,200	360	950	1,800
Dibenz(a,h) anthracene	1,000,000	ND	180	78	52	11 J	63	210	41	ND	150
Dibenzofuran	210,000	2,700	1,700	79 J	380	ND	ND	77 J	160 J	300 J	1,500
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
di-n-Butylphthalate	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1,000,000	11,000	8,400	970	2,700	390	610	2,300	1,100	2,700	6,200
Flourene	386,000	3,900	2,300	120 J	430	50 J	ND	150 J	210 J	540	2,800
Indeno(1,2,3-cd)pyrene	8,200	350	750	400	300	62	270	820	220	220	670
Isophorone	NS	4,200	3,100	730	8,100	ND	ND	180 J	50 J	ND	1,900
2-methylnaphthalene	NS	890 J	3,900	52 J	140 J	ND	ND	ND	ND	ND	550 J
Napthalene	12,000	590 J	510 J	ND	59 J	ND	ND	59 J	ND	ND	120 J
Phenanthrene	1,000,000	19,000	11,000	870	3,500	350 J	370 J	1,600	1,400	2,800	9,600
Pyrene	1,000,000	7,500	5,200	890	2,100	370	670	1,800	970	1,800	4,300
Total Petroleum Hydrocarbon (TPH) (ug/kg)											
Qualitative Method	NS	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA

Table 9B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-11 S	FP-B-12 S	FP-B-13 S	FB-B-14 S	FB-B-15 S	FB-B-16 S	FP-B-17 S	FB-B-18 S	FP-B-19 S	FP-B-20 S
Sample Date		2/14/2012	2/14/2012	2/16/2012	2/16/2012	2/16/2012	2/16 - 17/2012	2/15/2012	2/16/2012	2/15/2012	2/15/2012
Pesticides (ug/kg)											
4,4'-DDD	14,000	NA	NA	NA	NA	NA	ND	13	NA	NA	NA
4,4'-DDE	17,000	NA	NA	NA	NA	NA	ND	28	NA	NA	NA
4,4'-DDT	136,000	NA	NA	NA	NA	NA	6.5 J	89	NA	NA	NA
alpha-BHC	20	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
alpha-Chlordane	2,900	NA	NA	NA	NA	NA	ND	14 p	NA	NA	NA
gamma-Chlordane	NS	NA	NA	NA	NA	NA	ND	15	NA	NA	NA
Dieldrin	100	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Endrin	60	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Heptachlor	380	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
PCBs (ug/kg)											
Aroclor 1254	NS	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Aroclor 1260	NS	NA	NA	NA	NA	NA	16 Jp	ND	NA	NA	NA
Total PCBs	3,200	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Metals (mg/kg)											
Aluminum	NS	NA	NA	NA	NA	NA	8,990	7,810	NA	NA	NA
Arsenic	16	NA	NA	NA	NA	NA	6.3	5.5	NA	NA	NA
Barium	820	NA	NA	NA	NA	NA	104	425	NA	NA	NA
Beryllium	47	NA	NA	NA	NA	NA	0.36 J	0.44	NA	NA	NA
Cadmium	7.5	NA	NA	NA	NA	NA	0.53 J	0.81 J	NA	NA	NA
Calcium	NS	NA	NA	NA	NA	NA	10800	21000	NA	NA	NA
Chromium	NS	NA	NA	NA	NA	NA	21.1	23.7	NA	NA	NA
Cobalt	NS	NA	NA	NA	NA	NA	7.3 J	6.6 J	NA	NA	NA
Copper	1720	NA	NA	NA	NA	NA	154	73.7	NA	NA	NA
Iron	NS	NA	NA	NA	NA	NA	21,900	21,900	NA	NA	NA
Lead	450	NA	NA	NA	NA	NA	254	274	NA	NA	NA
Magnesium	NS	NA	NA	NA	NA	NA	2,570	3,010	NA	NA	NA
Manganese	2000	NA	NA	NA	NA	NA	310	317	NA	NA	NA
Mercury	0.73	NA	NA	NA	NA	NA	0.29	0.44	NA	NA	NA
Nickel	130	NA	NA	NA	NA	NA	15.5	15.3	NA	NA	NA
Potassium	NS	NA	NA	NA	NA	NA	947 J	960 J	NA	NA	NA
Selenium	4	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Silver	8.3	NA	NA	NA	NA	NA	.3 J	ND	NA	NA	NA
Sodium	NS	NA	NA	NA	NA	NA	219 J	364 J	NA	NA	NA
Thallium	NS	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Vanadium	NS	NA	NA	NA	NA	NA	25.9	30.4	NA	NA	NA
Zinc	2480	NA	NA	NA	NA	NA	274	369	NA	NA	NA

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-1 (5.5-6.0)	FP A-2 (4.5-5.0)	FP A-3 (4.0-4.5)	FP A-4 (4.0 4.5)	FP A-5 (3.0-3.5)	FP A-6 (3.5-4.0)	FP A-7 (4.0-4.5)	FP A-8 (4.0-4.5)	FP A-9 (3.5-4.0)	FP A-10 (4.0-5.0)
Sample Date		4/20/2012	4/20/2012	4/20/2012	4/23/2012	4/20/2012	4/20/2012	4/20/2012	4/20/2012	4/20/2012	4/23/2012
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	42 B	32 B	ND	29 B	45 B	36 B	30 B	44 B	48 B	29 B
Benzene	60	ND	0.30 J	ND	ND	ND	6.4	ND	0.29 J	17	0.23 J
Carbon disulfide	NS	0.49 J	0.33 J	ND	ND	ND	1.2	ND	0.36 J	0.40 J	ND
Chloroform	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	84000	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.24 J B	ND	ND	0.30 J B	ND	0.96 J B	0.36 J B	0.25 J B	ND	0.25 J B
Methyl Ethyl Ketone	120	3.7 J	3.0 J	ND	ND	4.3 J	3.7 J	2.0 J	3.3 J	3.5 J	3.2 J
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	160 J	ND	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	38000	ND	0.21 J	0.24 J	ND	ND	0.20 J	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	1,600	ND	ND	510000	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	98,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	107,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,000,000	58 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	1,000	260	ND	110	ND	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	22,000	240	ND	88	ND	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	1,700	250	ND	110	ND	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	1,000,000	120 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	1,700	140	ND	51	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	ND	ND	ND	170 J	ND	ND	ND
Carbazole	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	1,000	270 J	ND	120 J	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	1,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	210,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1,000,000	500	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	386,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	8,200	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	1,000,000	340 J	ND	200 J	ND	ND	ND	ND	ND	ND	ND
Pyrene	1,000,000	540	ND	220 J	ND	55 J	ND	ND	ND	ND	ND
Pesticides (ug/kg)											
4,4'-DDD	14,000	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
4,4'-DDE	17,000	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
4,4'-DDT	136,000	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
PCBs (ug/kg)											
Aroclor 1254	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Aroclor 1260	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Total	3,200	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-1 (5.5-6.0)	FP A-2 (4.5-5.0)	FP A-3 (4.0-4.5)	FP A-4 (4.0 4.5)	FP A-5 (3.0-3.5)	FP A-6 (3.5-4.0)	FP A-7 (4.0-4.5)	FP A-8 (4.0-4.5)	FP A-9 (3.5-4.0)	FP A-10 (4.0-5.0)
Sample Date		4/20/2012	4/20/2012	4/20/2012	4/23/2012	4/20/2012	4/20/2012	4/20/2012	4/20/2012	4/20/2012	4/23/2012
Metals (mg/kg)											
Aluminum	NS	NR	NR	9230	NR	NR	NR	NR	9520	NR	NR
Antimony	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Arsenic	16	NR	NR	3.8	NR	NR	NR	NR	3.3	NR	NR
Barium	820	NR	NR	49.0	NR	NR	NR	NR	54.2	NR	NR
Beryllium	47	NR	NR	0.42 J	NR	NR	NR	NR	0.45	NR	NR
Cadmium	7.5	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Calcium	NS	NR	NR	3310	NR	NR	NR	NR	3270	NR	NR
Chromium	19	NR	NR	17.8	NR	NR	NR	NR	21.8	NR	NR
Cobalt	NS	NR	NR	7.1 J	NR	NR	NR	NR	8.2 J	NR	NR
Copper	1720	NR	NR	19.8	NR	NR	NR	NR	24.5	NR	NR
Iron	NS	NR	NR	22200	NR	NR	NR	NR	25100	NR	NR
Lead	450	NR	NR	26.4	NR	NR	NR	NR	22.5	NR	NR
Magnesium	NS	NR	NR	2270	NR	NR	NR	NR	2420	NR	NR
Manganese	2000	NR	NR	352	NR	NR	NR	NR	412	NR	NR
Nickel	130	NR	NR	12.9	NR	NR	NR	NR	14.3	NR	NR
Potassium	NS	NR	NR	951 J	NR	NR	NR	NR	939 J	NR	NR
Selenium	4	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Silver	8.3	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Sodium	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Vanadium	NS	NR	NR	24.4	NR	NR	NR	NR	31.8	NR	NR
Zinc	2480	NR	NR	71.9	NR	NR	NR	NR	33.9	NR	NR
Mercury	0.73	NR	NR	0.079	NR	NR	NR	NR	0.033 J	NR	NR
General Chemistry											
Percent Moisture - %	NS	17.9	23.3	18.9	16.1	23.9	19.7	17.5	18.1	18.6	18.0
Percent Solids - %	NS	82.1	76.7	81.1	83.9	76.1	80.3	82.5	81.9	81.4	82.0

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-11 (3.5-4.0)	FP A-12 (4.0-4.5)	FP A-13 (4.0-4.5)	FP A-13 (4.0-4.5)Dup	FP A-14 (5.0-5.5)	FP A-15 (4.0-4.5)	FP A-16 (3.5-4.0)	FP A-17 (2.5-3.0)	FP A-18 (4.0-4.5)	FP A-19 (4.5-5.0)
Sample Date		**4/23/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/19/2012**	**4/18/2012**	**4/17/2012**	**4/19/2012**
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	36 B	24	24	32	47	55	ND	4.5 J	18 B	21
Benzene	60	0.47 J	7.0	0.51 J	4.0	2.3	0.24 J	ND	0.29 J	ND	ND
Carbon disulfide	NS	0.36 J	2.2	0.68 J	0.89 J	1.6	0.72 J	0.30 J	0.23 J	0.89 J	0.42 J
Chloroform	370	ND	ND	ND	ND	ND	ND	8.2	ND	ND	0.30 J
Ethylbenzene	1,000	ND	0.23 J	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.36 J B	0.38 J B	0.57 J B	0.34 J B	0.35 J B	0.43 J B	0.89 J B	0.23 J B	0.78 J B	0.37 J B
Methyl Ethyl Ketone	120	3.3 J	3.8 J	3.4 J	3.3 J	4.3 J	9.2 J	ND	ND	ND	2.2 J
Styrene	NS	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND
Toluene	700	ND	0.78 J	ND	0.20 J	ND	ND	0.22 J	ND	0.17 J	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND
Xylenes, Total	1,600	ND	1.3 J	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	98,000	ND	ND	ND	ND	ND	ND	2000 J	ND	ND	ND
Acenaphthylene	107,000	ND	ND	ND	ND	ND	ND	400 J	ND	ND	ND
Anthracene	1,000,000	ND	ND	ND	ND	ND	ND	4200	110 J	ND	ND
Benzo[a]anthracene	1,000	51	190	20 J	82	ND	ND	14000	560	ND	91
Benzo[a]pyrene	22,000	41	200	11 J	67	ND	ND	15000	610	ND	91
Benzo[b]fluoranthene	1,700	62	180	15 J	83	ND	ND	16000	690	ND	120
Benzo[g,h,i]perylene	1,000,000	42 J	140 J	ND	59 J	ND	ND	9400	650	ND	ND
Benzo[k]fluoranthene	1,700	27 J	80	ND	41	ND	ND	6700	310	ND	39 J
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	ND	140 J	ND	2200	710	ND	ND
Carbazole	NS	ND	ND	ND	ND	ND	ND	800 J	ND	ND	ND
Chrysene	1,000	51 J	210 J	ND	97 J	ND	ND	15000	620	ND	100 J
Dibenz(a,h)anthracene	1,000,000	ND	19 J	ND	8.9 J	ND	ND	2300	85	ND	ND
Dibenzofuran	210,000	ND	ND	ND	ND	ND	ND	1500 J	ND	ND	ND
Fluoranthene	1,000,000	120 J	200 J	ND	130 J	ND	ND	25000	720	ND	160 J
Fluorene	386,000	ND	ND	ND	ND	ND	ND	2000 J	ND	ND	ND
Indeno[1,2,3-cd]pyrene	8,200	36 J	100	ND	49	ND	ND	9600	590	ND	ND
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	ND	460 J	ND	ND	ND
Naphthalene	12,000	ND	150 J	ND	ND	ND	ND	720 J	50 J	ND	ND
Phenanthrene	1,000,000	97 J	120 J	ND	100 J	ND	110 J	22000	470	ND	78 J
Pyrene	1,000,000	120 J	250 J	ND	140 J	ND	ND	30000	680	35 J	170 J
Pesticides (ug/kg)											
4,4'-DDD	14,000	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
4,4'-DDE	17,000	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
4,4'-DDT	136,000	NR	NR	ND	5.9 J	NR	NR	NR	NR	NR	NR
PCBs (ug/kg)											
Aroclor 1254	NS	NR	NR	ND	110	NR	NR	NR	NR	NR	NR
Aroclor 1260	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Total	3,200	NR	NR	ND	110	NR	NR	NR	NR	NR	NR

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-11 (3.5-4.0)	FP A-12 (4.0-4.5)	FP A-13 (4.0-4.5)	FP A-13 (4.0-4.5)Dup	FP A-14 (5.0-5.5)	FP A-15 (4.0-4.5)	FP A-16 (3.5-4.0)	FP A-17 (2.5-3.0)	FP A-18 (4.0-4.5)	FP A-19 (4.5-5.0)
Sample Date		**4/23/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/19/2012**	**4/18/2012**	**4/17/2012**	**4/19/2012**
Metals (mg/kg)											
Aluminum	NS	NR	NR	5660	6330	NR	NR	NR	NR	NR	NR
Antimony	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Arsenic	16	NR	NR	2.3	2.1	NR	NR	NR	NR	NR	NR
Barium	820	NR	NR	32.6 J	50.7	NR	NR	NR	NR	NR	NR
Beryllium	47	NR	NR	0.35 J	0.35 J	NR	NR	NR	NR	NR	NR
Cadmium	7.5	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Calcium	NS	NR	NR	1430	3270	NR	NR	NR	NR	NR	NR
Chromium	19	NR	NR	15.4	16.6	NR	NR	NR	NR	NR	NR
Cobalt	NS	NR	NR	6 J	7.1 J	NR	NR	NR	NR	NR	NR
Copper	1720	NR	NR	16.6	30.9	NR	NR	NR	NR	NR	NR
Iron	NS	NR	NR	17200	19200	NR	NR	NR	NR	NR	NR
Lead	450	NR	NR	17.2	77.3	NR	NR	NR	NR	NR	NR
Magnesium	NS	NR	NR	1780	1940	NR	NR	NR	NR	NR	NR
Manganese	2000	NR	NR	362	358	NR	NR	NR	NR	NR	NR
Nickel	130	NR	NR	10.8	13.3	NR	NR	NR	NR	NR	NR
Potassium	NS	NR	NR	731 J	977 J	NR	NR	NR	NR	NR	NR
Selenium	4	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Silver	8.3	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Sodium	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Vanadium	NS	NR	NR	22.1	24.7	NR	NR	NR	NR	NR	NR
Zinc	2480	NR	NR	26.9	60	NR	NR	NR	NR	NR	NR
Mercury	0.73	NR	NR		0.22	NR	NR	NR	NR	NR	NR
General Chemistry											
Percent Moisture - %	NS	18.9	21.0	15.4	19.0	13.3	22.8	21.8	18.7	15.8	21.1
Percent Solids - %	NS	81.1	79.0	84.6	81.0	86.7	77.2	78.2	81.3	84.2	78.9

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-20 (2.5-3.0)		FP A-21 (4.5-5.0)		FP A-22 (3.5-4.0)	
Sample Date		**4/19/2012**		**4/19/2012**		**4/19/2012**	
Volatile Organic Compounds (VOCs) (ug/kg)							
Acetone	50	31		29		34	
Benzene	60	2.7		0.54	J	0.32	J
Carbon disulfide	NS	0.95	J	5.0		2.3	
Chloroform	370	ND		ND		ND	
Ethylbenzene	1,000	ND		ND		ND	
Methylene Chloride	50	0.28	J B	1.6	B	ND	
Methyl Ethyl Ketone	120	3.6	J	3.6	J	4.5	J
Styrene	NS	ND		ND		ND	
Tetrachloroethene	1,300	ND		ND		ND	
Toluene	700	0.62	J	0.28	J	0.24	J
Trichloroethene	470	ND		ND		ND	
Xylenes, Total	1,600	ND		ND		ND	
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)							
Acenaphthene	98,000	100	J	1300	J	940	J
Acenaphthylene	107,000	ND		ND		420	J
Anthracene	1,000,000	270	J	4100		3000	
Benzo[a]anthracene	1,000	900		11000		12000	
Benzo[a]pyrene	22,000	1000		11000		11000	
Benzo[b]fluoranthene	1,700	1100		12000		11000	
Benzo[g,h,i]perylene	1,000,000	540		7100		7500	
Benzo[k]fluoranthene	1,700	520		5600		4200	
Bis(2-ethylhexyl) phthalate	NS	ND		ND		ND	
Carbazole	NS	65	J	1100	J	630	J
Chrysene	1,000	900		12000		12000	
Dibenz(a,h)anthracene	1,000,000	170		1700		1800	
Dibenzofuran	210,000	74	J	1200	J	550	J
Fluoranthene	1,000,000	1600		20000		16000	
Fluorene	386,000	110	J	1700	J	1100	J
Indeno[1,2,3-cd]pyrene	8,200	620		7000		6800	
2-Methylnaphthalene	NS	ND		350	J	ND	
Naphthalene	12,000	53	J	580	J	350	J
Phenanthrene	1,000,000	1200		17000		15000	
Pyrene	1,000,000	2000		28000		27000	
Pesticides (ug/kg)							
4,4'-DDD	14,000	NR		11	p	NR	
4,4'-DDE	17,000	NR		6.9	J	NR	
4,4'-DDT	136,000	NR		13		NR	
PCBs (ug/kg)							
Aroclor 1254	NS	NR		62	J	NR	
Aroclor 1260	NS	NR		61	J	NR	
Total	3,200	NR		123		NR	

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-20 (2.5-3.0)	FP A-21 (4.5-5.0)		FP A-22 (3.5-4.0)
Sample Date		4/19/2012	4/19/2012		4/19/2012
Metals (mg/kg)					
Aluminum	NS	NR	4990		NR
Antimony	NS	NR	1.6	J	NR
Arsenic	16	NR	9.9		NR
Barium	820	NR	1280		NR
Beryllium	47	NR	0.33	J	NR
Cadmium	7.5	NR	1.6		NR
Calcium	NS	NR	54400		NR
Chromium	19	NR	50.3		NR
Cobalt	NS	NR	6.7	J	NR
Copper	1720	NR	444		NR
Iron	NS	NR	24200		NR
Lead	450	NR	823		NR
Magnesium	NS	NR	4460		NR
Manganese	2000	NR	285		NR
Nickel	130	NR	39.2		NR
Potassium	NS	NR	975	J	NR
Selenium	4	NR	1.8	J	NR
Silver	8.3	NR	0.26	J	NR
Sodium	NS	NR	540	J	NR
Vanadium	NS	NR	28.8		NR
Zinc	2480	NR	1370		NR
Mercury	0.73	NR	1.2		NR
General Chemistry					
Percent Moisture - %	NS	20.9	13.6		26.4
Percent Solids - %	NS	79.1	86.4		73.6

Notes:

highlighted cells indicate exceedances of NYSDEC Part 375 SCOs

nd - compound was not detected at the MDL.

j - Indicates an estimated value.

b - The analyte was found in an associated blank, as well as in the sample.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit for VOCs

* - RPD of the LCS and LCSD exceeds the control limits for VOCs

* - LCS or LCSD exceeds the control limits for VOCs and SVOCs

NR - Analysis not Requested

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 10B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-1 2'	FP-B-2 3'	FP-B-3 3'	FP-B-4 3'	FP-B-5 5'	FP-B-6 3.5'	FP-B-7 3.75'	FP-B-8 2'	FP-B-9 4'	FP-B-10 5.5'	FP-B-11 3.5'
Sample Date		2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/15/2012	2/14/2012
Volatile Organic Compounds (VOCs) (ug/kg)												
Acetone	50	11 JB	21 B	26 B	36 B	16 B	23 B	23 B	18 B	33 B	32 B	ND
Benzene	60	ND	2.1	2.8	1.4	1.5	1.2	2.7	0.4 J	3.2	10	180
Carbon disulfide	NS	ND	0.37 J	0.34 J	0.5 J	0.17 J	0.35 J	0.39 J	ND	0.46 J	0.54 J	ND
cis-1,2-Dichloroethene	250	ND	ND	0.41 J	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	2	0.43 J	0.22 J	ND	1.6	0.87 J	ND	1.9	16	1300
1,2-dichloroethene	NS	ND	ND	0.41 j	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	1.8 J	ND	ND	6.1 J	ND	ND	ND	ND	4.8 J	4.7 J	ND
Methylene Chloride	50	ND	0.8 JB	ND	0.39 J	0.37 JB	0.45 J	1.3	0.28 J	0.29 J	0.27 JB	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7 J	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	ND	0.77 J	0.34 J	ND	0.21 J	0.43 J	0.52 J	ND	0.23 J	12	47 J
Total Xylenes	1,600	ND	4.8	1.4 J	ND	ND	3 J	1.2 J	ND	3.3 J	38	1600
Vinyl Chloride	20	ND	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	98,000	160 J	3,600	310 J	400 J	350 J	2,100	970	610 J	540	390 J	17,000
Acenaphthylene	107,000	74 J	ND	ND	91 J	ND	ND	220 J	300 J	90 J	ND	ND
Anthracene	1,000,000	380 J	3,800	340 J	570	560	1,800	1,500	2,200	700	290 J	14,000
Benzo(a)anthracene	1,000	1,400	7,200	830	1,600	1,100	1,400	3,600	6,000	1,700	270	14,000
Benzo(a)pyrene	22,000	1,400	5,800	700	1,600	830	910	3,300	5,800	1,600	140	7,400
Benzo(b)fluoranthene	1,700	1,500	6,300	730	1,800	900	1,100	3,400	5,600	1,600	190	10,000
Benzo(g,h,i)perylene	1,000,000	1,200	3,900	510	1,400	420	470 J	2,700	5,300	1,000	53 J	3,400 J
Benzo(k)fluoranthene	1,700	600	3,000	350	760	410	420	1,600	2,800	740	95	3,900
Bis(2-ethylhexyl)phthalate	NS	420 J	ND	150 J	ND	200 J	ND	ND	ND	610	ND	ND
Carbazole	NS	110 J	1,600 J	110 J	150 J	180 J	1,300	580 J	690 J	410	210 J	4,300
Chrysene	1,000	1,600	8,200	950	1,900	1,200	1,500	3,700	6,500	1,800	290 J	15,000
Dibenz(a,h) anthracene	1,000,000	260	1,100	150	320	120	110	630	1,300	280	ND	790
Dibenzofuran	210,000	99 J	3,100	310 J	180 J	180 J	2,200	780 J	490 J	430	400	14,000
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	100 J	ND
di-n-Butylphthalate	NS	200 J	ND	ND	ND	ND	ND	610 J	ND	ND	ND	ND
Fluoranthene	1,000,000	2,800	19,000	2,500	3,500	2,600	5,000	8,700	13,000	3,500	1400	55,000
Flourene	386,000	230 J	6,900	640	580	410	3,900	1,700	1,100	790	650	30,000
Indeno(1,2,3-cd)pyrene	8,200	1,200	4,200	550	1,400	500	530	2,700	5,100	1,000	64	3,800
Isophorone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	NS	110 J	3,000	260 J	160 J	170 J	1,400	920	370 J	780	370 J	11,000
Napthalene	12,000	140 J	2,600	370 J	320 J	350 J	4,900	2,400	560 J	1,500	750	13,000
Phenanthrene	1,000,000	1,500	22,000	2,600	2,200	2,100	9,000	7,400	7,600	3,200	2400	83,000
Pyrene	1,000,000	2,300	14,000	1,700	2,900	1,900	3,500	6,600	9,300	2,700	980	40,000
Total Petroleum Hydrocarbon (TPH) (ug/kg)												
Qualitative Method	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND

Table 10B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-1 2'	FP-B-2 3'	FP-B-3 3'	FP-B-4 3'	FP-B-5 5'	FP-B-6 3.5'	FP-B-7 3.75'	FP-B-8 2'	FP-B-9 4'	FP-B-10 5.5'	FP-B-11 3.5'
Sample Date		2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/15/2012	2/14/2012
Pesticides (ug/kg)												
4,4'-DDD	14,000	NA	11	NA	NA	NA	NA	NA	NA	NA	NA	ND
4,4'-DDE	17,000	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
4,4'-DDT	136,000	NA	61	NA	NA	NA	NA	NA	NA	NA	NA	4.4 Jp
alpha-BHC	20	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
alpha-Chlordane	2,900	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
gamma-Chlordane	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	5.5 Jp
Dieldrin	100	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Endrin	60	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Heptachlor	380	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
PCBs (ug/kg)												
Aroclor 1254	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Aroclor 1260	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Total PCBs	3,200	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Metals (mg/kg)												
Aluminum	NS	NA	4,860	NA	NA	NA	NA	NA	NA	NA	NA	7,090
Arsenic	16	NA	4.9	NA	NA	NA	NA	NA	NA	NA	NA	4.7
Barium	820	NA	70.5	NA	NA	NA	NA	NA	NA	NA	NA	77.8
Beryllium	47	NA	0.28 J	NA	NA	NA	NA	NA	NA	NA	NA	0.33 J
Cadmium	7.5	NA	0.4 J	NA	NA	NA	NA	NA	NA	NA	NA	0.49 J
Calcium	NS	NA	38,900	NA	NA	NA	NA	NA	NA	NA	NA	9,070
Chromium	NS	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	18.6
Cobalt	NS	NA	5 J	NA	NA	NA	NA	NA	NA	NA	NA	6.0 J
Copper	1720	NA	26.9	NA	NA	NA	NA	NA	NA	NA	NA	38
Iron	NS	NA	12,600	NA	NA	NA	NA	NA	NA	NA	NA	17,900
Lead	450	NA	105	NA	NA	NA	NA	NA	NA	NA	NA	158
Magnesium	NS	NA	5,460	NA	NA	NA	NA	NA	NA	NA	NA	2,480
Manganese	2000	NA	307	NA	NA	NA	NA	NA	NA	NA	NA	293
Mercury	0.73	NA	0.11	NA	NA	NA	NA	NA	NA	NA	NA	0.340
Nickel	130	NA	18.4	NA	NA	NA	NA	NA	NA	NA	NA	15.3
Potassium	NS	NA	702 J	NA	NA	NA	NA	NA	NA	NA	NA	839 J
Selenium	4	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Silver	8.3	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Sodium	NS	NA	241 J	NA	NA	NA	NA	NA	NA	NA	NA	204 J
Thallium	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Vanadium	NS	NA	22.2	NA	NA	NA	NA	NA	NA	NA	NA	31.9
Zinc	2480	NA	113	NA	NA	NA	NA	NA	NA	NA	NA	151

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 10B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-12 3.5'		FB-B-13 3'		FB-B-13 3' Dup		FB-B-14 4'		FB-B-15 3'		FB-B-16 4.5'		FP-B-17 4.5'		FB-B- 18 4.5'		FP-B-19 3.5'		FP-B-20 4.5'	
Sample Date		2/14/2012		2/16/2012		2/16/2012		2/16/2012		2/16/2012		2/16/2012		2/15/2012		2/16/2012		2/15/2012		2/15/2012	
Volatile Organic Compounds (VOCs) (ug/kg)																					
Acetone	50	22	B	31	B	33	B	16		18		19		97	B	13		8.1	JB	22	B
Benzene	60	ND		1.1		1.7		0.28	J	0.39	J	ND		ND		ND		0.21	J	0.25	J
Carbon disulfide	NS	0.26	J	0.45	J	0.54	J	ND		0.27	J	ND		0.97	J	0.35	J	ND		0.40	J
cis-1,2-Dichloroethene	250	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Ethylbenzene	1,000	ND		3.7		3.1		0.44	J	0.28	J	ND		ND		ND		ND		0.35	J
1,2-dichloroethene	NS	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl Ethyl Ketone	120	3.4	J	6.5	J	6.0	J	2.3	JB	3.0	JB	2.4	J	7.8	J	1.6	J	ND		ND	J
Methylene Chloride	50	0.46	J	ND		ND		0.35	JB	0.28	JB	0.2	JB	0.35	JB	0.41	JB	0.40	JB	0.31	JB
Styrene	NS	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	1,300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	700	0.17	J	0.52	J	0.72	J	0.19	J	0.17	J	0.19	J	0.29	J	ND		ND		0.36	J
Total Xylenes	1,600	ND		5.1		6.8		ND		ND		ND		ND		ND		ND		1.2	J
Vinyl Chloride	20	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)																					
Acenaphthene	98,000	250	J	830		1,000		ND		790		ND		ND		140	J	390	J	410	J
Acenaphthylene	107,000	55	J	ND		120	J	ND		ND		ND		ND		ND		110	J	ND	
Anthracene	1,000,000	410		1,000		2,300		ND		420		ND		ND		340	J	1,200		310	J
Benzo(a)anthracene	1,000	1,500		810		1,300		ND		1,100		65		93		850		3,500		1,000	
Benzo(a)pyrene	22,000	1,400		330		570		ND		1,000		43		67		720		3,400		840	
Benzo(b)fluoranthene	1,700	1,700		550		900		ND		1,000		47		71		800		3,700		990	
Benzo(g,h,i)perylene	1,000,000	1,100		240	J	420	J	ND		690		ND		ND		360	J	2,400		540	
Benzo(k)fluoranthene	1,700	670		220		350		ND		430		20	J	38	J	330		1,400		400	
Bis(2-ethylhexyl)phthalate	NS	ND		ND		ND		ND		ND		ND		1,000		ND		ND		ND	
Carbazole	NS	88	J	180	J	170	J	ND		150	J	ND		ND		55	J	470		60	J
Chrysene	1,000	1,800		870		1,600		ND		1,100		53	J	100	J	890		3,700		1,100	
Dibenz(a,h) anthracene	1,000,000	300		49		83		ND		140		ND		ND		76		540		120	
Dibenzofuran	210,000	110	J	680		880		ND		87	J	ND		ND		ND		290	J	170	J
2,4-Dimethylphenol	NS	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
di-n-Butylphthalate	NS	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	1,000,000	3,300		4,300		6,700		ND		2,100		110	J	200	J	1,700		6,600		2,800	
Flourene	386,000	430		1,900		2,600		ND		1,000		ND		ND		120	J	460		460	
Indeno(1,2,3-cd)pyrene	8,200	1,100		240		420		ND		670		17	J	ND		360		2,300		570	
Isophorone	NS	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-methylnaphthalene	NS	100	J	1,200		2,100		62	J	170	J	ND		ND		ND		130	J	84	J
Napthalene	12,000	100	J	140	J	260	J	ND		1,200		ND		ND		ND		180	J	240	J
Phenanthrene	1,000,000	2,200		6,800		9,700		90	J	2,800		89	J	170	J	1,200		4,700		2,000	
Pyrene	1,000,000	2,500		3,200		4,800		ND		2,200		120	J	160	J	1,800		6,300		2,000	
Total Petroleum Hydrocarbon (TPH) (ug/kg)																					
Qualitative Method	NS	NA		ND		ND		NA		NA		NA		NA		NA		NA		ND	

Table 10B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-12 3.5'	FB-B-13 3'	FB-B-13 3' Dup	FB-B-14 4'	FB-B-15 3'	FB-B-16 4.5'	FP-B-17 4.5'	FB-B- 18 4.5'	FP-B-19 3.5'	FP-B-20 4.5'
Sample Date		2/14/2012	2/16/2012	2/16/2012	2/16/2012	2/16/2012	2/16/2012	2/15/2012	2/16/2012	2/15/2012	2/15/2012
Pesticides (ug/kg)											
4,4'-DDD	14,000	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
4,4'-DDE	17,000	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
4,4'-DDT	136,000	NA	ND	ND	NA	NA	NA	NA	NA	NA	8.4 J
alpha-BHC	20	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
alpha-Chlordane	2,900	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
gamma-Chlordane	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Dieldrin	100	NA	ND	ND	NA	NA	NA	NA	NA	NA	4.3 Jp
Endrin	60	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Heptachlor	380	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
PCBs (ug/kg)											
Aroclor 1254	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	72 J
Aroclor 1260	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Total PCBs	3,200	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Metals (mg/kg)											
Aluminum	NS	NA	6,400	7,460	NA	NA	NA	NA	NA	NA	6,510
Arsenic	16	NA	3.9	5.4	NA	NA	NA	NA	NA	NA	8.5
Barium	820	NA	194	306	NA	NA	NA	NA	NA	NA	101
Beryllium	47	NA	0.39 J	0.38 J	NA	NA	NA	NA	NA	NA	0.42 J
Cadmium	7.5	NA	0.36 J	0.56 J	NA	NA	NA	NA	NA	NA	0.18 J
Calcium	NS	NA	3970	5930	NA	NA	NA	NA	NA	NA	17800
Chromium	NS	NA	18.8	22.2	NA	NA	NA	NA	NA	NA	15.5
Cobalt	NS	NA	6.7 J	7.5 J	NA	NA	NA	NA	NA	NA	6.9 J
Copper	1720	NA	62.9	102	NA	NA	NA	NA	NA	NA	45.0
Iron	NS	NA	18,100	19,200	NA	NA	NA	NA	NA	NA	18,200
Lead	450	NA	188	256	NA	NA	NA	NA	NA	NA	257
Magnesium	NS	NA	2,020	2,770	NA	NA	NA	NA	NA	NA	1,950
Manganese	2000	NA	317	296	NA	NA	NA	NA	NA	NA	255
Mercury	0.73	NA	0.19	0.19	NA	NA	NA	NA	NA	NA	ND
Nickel	130	NA	15.3	19.0	NA	NA	NA	NA	NA	NA	14.9
Potassium	NS	NA	890 J	1440	NA	NA	NA	NA	NA	NA	877 J
Selenium	4	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Silver	8.3	NA	0.80 J	1.9 J	NA	NA	NA	NA	NA	NA	ND
Sodium	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Thallium	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Vanadium	NS	NA	24.4	27.5	NA	NA	NA	NA	NA	NA	21.9
Zinc	2480	NA	183	270	NA	NA	NA	NA	NA	NA	140

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 11A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-1 SUR	FP A-2 SUR	FP A-3 SUR	FP A-4 SUR	FP A-5 SUR	FP A-6 SUR	FP A-7 SUR	FP A-8 SUR	FP A-9 SUR
Sample Date			4/20/2012	4/20/2012	4/20/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	630	20,000	65 J	ND	60 J	280 J	120 J	ND	59 J	ND	ND
Acenaphthylene	140	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,100	100,000	200 J	130 J	180 J	760	280 J	140 J	230 J	ND	ND
Benzo[a]anthracene	2,100	1,000	480	320	530	1700	720	650	1300	86	220
Benzo[a]pyrene	2,000	1,000	340	240	460	1400	580	540	940	79	170
Benzo[b]fluoranthene	1,800	1,000	450	290	570	1800	680	660	1200	120	270
Benzo[g,h,i]perylene	1,500	100,000	180 J	150 J	290 J	780	350 J	310 J	560	66 J	ND
Benzo[k]fluoranthene	2,000	800	170	ND	210	750	340	300	660	39	89
Chrysene	2,400	1,000	490	370 J	600	1600	730	600	1200	94 J	230 J
Dibenz(a,h)anthracene	480	330	ND	ND	ND	270	110	100	200	ND	ND
Fluoranthene	5,200	100,000	850	560	860	3000	1300	1000	2600	160 J	320 J
Fluorene	600	30,000	100 J	ND	85 J	370 J	120 J	50 J	86 J	ND	ND
Indeno[1,2,3-cd]pyrene	1,500	500	190	170	310	870	370	330	640	68	ND
Naphthalene	210	12,000	ND	ND	ND	ND	56 J	ND	ND	ND	ND
Phenanthrene	4,400	100,000	670	480	650	3000	1100	600	990	94 J	210 J
Pyrene	4,700	100,000	920	610	880	3200	1400	980	1900	180 J	330 J
Metals (mg/kg)											
Arsenic	28.1	13	9.3	NR	NR	4.9	NR	NR	NR	1.9	NR
Barium	248	350	76.1	NR	NR	97.8	NR	NR	NR	33.4 J	NR
Beryllium	1.1	7.2	0.32 J	NR	NR	0.39	NR	NR	NR	0.23 J	NR
Cadmium	1.5	2.5	1.1	NR	NR	0.55	NR	NR	NR	0.22 J	NR
Chromium	55	1	21.4	NR	NR	26.8	NR	NR	NR	10.9	NR
Copper	141	50	62.2	NR	NR	39.6	NR	NR	NR	20.9	NR
Lead	891	63	106	NR	NR	99.0	NR	NR	NR	55.5	NR
Manganese	408	1600	279	NR	NR	317	NR	NR	NR	216	NR
Nickel	48.1	30	20.6	NR	NR	23.7	NR	NR	NR	8.8	NR
Selenium	3.6	3.9	ND	NR	NR	ND	NR	NR	NR	ND	NR
Silver	1.9	2	ND	NR	NR	ND	NR	NR	NR	ND	NR
Zinc	515	109	139	NR	NR	131	NR	NR	NR	58.6	NR
Mercury	3.3	0.18	0.14	NR	NR	0.16	NR	NR	NR	0.036	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data [1].

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 11A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-10 SUR	FP A-11 SUR	FP A-12 SUR	FP A-13 SUR	FP A-14 SUR	FP A-15 SUR	FP A-15 SUR Dup	FP A-16 SUR	FP A-17 SUR
Sample Date			4/19/2012	4/19/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/17/2012	4/17/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	630	20,000	ND	ND	100 J	ND	ND	ND	ND	ND	180 J
Acenaphthylene	140	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,100	100,000	ND	93 J	190 J	200 J	ND	70 J	ND	ND	540
Benzo[a]anthracene	2,100	1,000	230	290	520	1100	59	320	58	49	1000
Benzo[a]pyrene	2,000	1,000	ND	300	380	1100	36 J	380	53	54	850
Benzo[b]fluoranthene	1,800	1,000	ND	370	460	1200	50	540	77	65	1100
Benzo[g,h,i]perylene	1,500	100,000	ND	150 J	340 J	980	31 J	330 J	46 J	38 J	550
Benzo[k]fluoranthene	2,000	800	ND	170	220	430	31 J	190	46	33 J	410
Chrysene	2,400	1,000	250 J	290 J	550	1200	66 J	390 J	69 J	50 J	1000
Dibenz(a,h)anthracene	480	330	ND	ND	60	150	ND	75	12 J	ND	170
Fluoranthene	5,200	100,000	320 J	460	1100	1700	110 J	500	61 J	79 J	1800
Fluorene	600	30,000	ND	ND	110 J	58 J	ND	ND	ND	ND	200 J
Indeno[1,2,3-cd]pyrene	1,500	500	ND	170	320	1000	28 J	330	38 J	41	620
Naphthalene	210	12,000	ND	ND	110 J	ND	ND	ND	ND	ND	49 J
Phenanthrene	4,400	100,000	260 J	340 J	1100	720	97 J	310 J	ND	ND	1800
Pyrene	4,700	100,000	330 J	470	810	1500	98 J	460	65 J	95 J	1800
Metals (mg/kg)											
Arsenic	28.1	13	NR	NR	NR	NR	NR	3.6	NR	NR	NR
Barium	248	350	NR	NR	NR	NR	NR	68.3	NR	NR	NR
Beryllium	1.1	7.2	NR	NR	NR	NR	NR	0.25 J	NR	NR	NR
Cadmium	1.5	2.5	NR	NR	NR	NR	NR	0.46 J	NR	NR	NR
Chromium	55	1	NR	NR	NR	NR	NR	14.1	NR	NR	NR
Copper	141	50	NR	NR	NR	NR	NR	67.9	NR	NR	NR
Lead	891	63	NR	NR	NR	NR	NR	181	NR	NR	NR
Manganese	408	1600	NR	NR	NR	NR	NR	220	NR	NR	NR
Nickel	48.1	30	NR	NR	NR	NR	NR	15.9	NR	NR	NR
Selenium	3.6	3.9	NR	NR	NR	NR	NR	ND	NR	NR	NR
Silver	1.9	2	NR	NR	NR	NR	NR	ND	NR	NR	NR
Zinc	515	109	NR	NR	NR	NR	NR	172	NR	NR	NR
Mercury	3.3	0.18	NR	NR	NR	NR	NR	0.29	NR	NR	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data [1].

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 11A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-18 SUR	FP A-19 SUR	FP A-20 SUR	FP A-20 SUR Dup	FP A-21 SUR	FP A-22 SUR
Sample Date			4/17/2012	4/17/2012	4/17/2012	4/18/2012	4/17/2012	4/17/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)								
Acenaphthene	630	20,000	ND	ND	ND	ND	ND	ND
Acenaphthylene	140	100,000	ND	ND	ND	ND	ND	ND
Anthracene	1,100	100,000	79 J	90 J	ND	ND	ND	61 J
Benzo[a]anthracene	2,100	1,000	310	380	ND	ND	130	330
Benzo[a]pyrene	2,000	1,000	320	430	ND	ND	140	320
Benzo[b]fluoranthene	1,800	1,000	390	540	ND	ND	190	420
Benzo[g,h,i]perylene	1,500	100,000	200 J	330 J	ND	ND	110 J	240 J
Benzo[k]fluoranthene	2,000	800	150	190	ND	ND	69	190
Chrysene	2,400	1,000	310 J	400	ND	ND	140 J	380
Dibenz(a,h)anthracene	480	330	ND	65	ND	ND	ND	66
Fluoranthene	5,200	100,000	460	640	ND	ND	190 J	560
Fluorene	600	30,000	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	1,500	500	220	310	ND	ND	110	250
Naphthalene	210	12,000	ND	ND	ND	ND	ND	ND
Phenanthrene	4,400	100,000	300 J	340 J	ND	ND	62 J	310 J
Pyrene	4,700	100,000	490	720	ND	ND	260 J	600
Metals (mg/kg)								
Arsenic	28.1	13	NR	NR	NR	NR	1.7	NR
Barium	248	350	NR	NR	NR	NR	42.3	NR
Beryllium	1.1	7.2	NR	NR	NR	NR	0.24 J	NR
Cadmium	1.5	2.5	NR	NR	NR	NR	0.38 J	NR
Chromium	55	1	NR	NR	NR	NR	10.4	NR
Copper	141	50	NR	NR	NR	NR	19.1	NR
Lead	891	63	NR	NR	NR	NR	38.8	NR
Manganese	408	1600	NR	NR	NR	NR	234	NR
Nickel	48.1	30	NR	NR	NR	NR	9.0	NR
Selenium	3.6	3.9	NR	NR	NR	NR	ND	NR
Silver	1.9	2	NR	NR	NR	NR	ND	NR
Zinc	515	109	NR	NR	NR	NR	59.2	NR
Mercury	3.3	0.18	NR	NR	NR	NR	0.98	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data [1].

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 11B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-1 S	FP-B-2 S	FP-B-3 S	FP-B-3 S DUP	FP-B-4 S	FP-B-5 S	FP-B-6 S	FP-B-7 S	FP-B-8 S
Sample Date			2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	630	20,000	340 J	2,100 J	1,300	960	120 J	2,200	9,000	6,100	190 J
Acenaphthylene	140	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,100	100,000	890	10,000	260 J	230 J	150 J	2,800	6,200	7,000	280 J
Benzo(a)anthracene	2,100	1,000	2,700	7,200	380	270	430	2,700	4,600	7,000	630
Benzo(a)pyrene	2,000	1,000	2,000	2,900	300	200	300	1,500	2,300	3,000	490
Benzo(b)fluoranthene	1,800	1,000	2,800	4,200	390	270	440	2,100	3,000	4,300	660
Benzo(g,h,i)perylene	1,500	100,000	1,500	1,000 J	190 J	130 J	170 J	680 J	800 J	1,200 J	340 J
Benzo(k)fluoranthene	2,000	800	1,000	1,800	170	110	170	770	1,500	1,900	260
Chrysene	2,400	1,000	2,900	7,700	540	370	620	3,200	5,100	7,500	760
Dibenz(a,h) anthracene	480	330	400	290 J	50	30 J	45	200	240	250 J	89
Fluoranthene	5,200	100,000	6,100	39,000	1,600	1,300	1,500	12,000	22,000	38,000	1,800
Flourene	600	30,000	480 J	7,100	2,500	1,800	180 J	4,100	12,000	14,000	350 J
Indeno(1,2,3-cd)pyrene	1,500	500	1,600	1,200	200	140	190	800	970	1,300	380
Napthalene	210	12,000	170 J	ND	530	450	160 J	1,100	1,900	1,000 J	320 J
Phenanthrene	4,400	100,000	4,000	50,000	3,700	3,000	780	14,000	38,000	54,000	1,500
Pyrene	4,700	100,000	4,400	26,000	1,100	880	1,200	7,700	15,000	27,000	1,300
Metals (mg/kg)											
Arsenic	28.1	13	NA	NA	2.9	4.6	NA	NA	NA	NA	2.9
Barium	248	350	NA	NA	77.9	90.8	NA	NA	NA	NA	54.7
Beryllium	1.10	7.2	NA	NA	0.29	0.39 J	NA	NA	NA	NA	0.3 J
Cadmium	1.50	2.5	NA	NA	0.39	0.51 J	NA	NA	NA	NA	0.29 J
Chromium	55	30	NA	NA	15.9	30.1	NA	NA	NA	NA	28
Copper	141	50	NA	NA	84	87	NA	NA	NA	NA	59.8
Lead	891	63	NA	NA	124	112	NA	NA	NA	NA	67.1
Manganese	408	1,600	NA	NA	314	490	NA	NA	NA	NA	383
Mercury	3.3	0.18	NA	NA	0.16	0.15	NA	NA	NA	NA	0.18
Nickel	48.1	30	NA	NA	11.9	14.1	NA	NA	NA	NA	24.2
Selenium	3.6	3.9	NA	NA	ND	ND	NA	NA	NA	NA	ND
Silver	1.9	2	NA	NA	ND	ND	NA	NA	NA	NA	ND
Zinc	5.5	109	NA	NA	102	95.1	NA	NA	NA	NA	89.3

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York.

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 11B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-9 S	FP-B-10 S	FP-B-11 S	FP-B-12 S	FP-B-13 S	FB-B-14 S	FB-B-15 S	FB-B-16 S	FP-B-17 S
Sample Date			2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/16/2012	2/16/2012	2/16/2012	2/16 - 17/2012	2/15/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	630	20,000	220 J	1,700 J	2,000	1,500	120	320 J	140 J	71 J	120 J
Acenaphthylene	140	100,000	59 J	ND	ND	ND	ND J	ND	ND	ND	ND
Anthracene	1,100	100,000	150 J	3,700	4,800	2,700	130 J	720	ND	ND	290 J
Benzo(a)anthracene	2,100	1,000	460	4,400	2,100	2,100	520	880	160	340	1,000
Benzo(a)pyrene	2,000	1,000	520	2,400	870	1,000	450	460	130	330	1,000
Benzo(b)fluoranthene	1,800	1,000	630	3,300	1,300	1,600	590	730	180	370	1,100
Benzo(g,h,i)perylene	1,500	100,000	420	1,000 J	320 J	680 J	380	310 J	67 J	270 J	870
Benzo(k)fluoranthene	2,000	800	230	1,700	660	680	230	380	75	140	450
Chrysene	2,400	1,000	560	5,300	2,900	2,300	520	1,000	190 J	340 J	1,200
Dibenz(a,h) anthracene	480	330	91	340	ND	180	78	52	11 J	63	210
Fluoranthene	5,200	100,000	1,100	17,000	11,000	8,400	970	2,700	390	610	2,300
Flourene	600	30,000	310 J	3,500	3,900	2,300	120 J	430	50 J	ND	150 J
Indeno(1,2,3-cd)pyrene	1,500	500	420	1,200	350	750	400	300	62	270	820
Napthalene	210	12,000	290 J	800 J	590 J	510 J	ND	59 J	ND	ND	59 J
Phenanthrene	4,400	100,000	950	16,000	19,000	11,000	870	3,500	350 J	370 J	1,600
Pyrene	4,700	100,000	820	12,000	7,500	5,200	890	2,100	370	670	1,800
Metals (mg/kg)											
Arsenic	28.1	13	NA	NA	NA	NA	NA	NA	NA	6.3	5.5
Barium	248	350	NA	NA	NA	NA	NA	NA	NA	104	425
Beryllium	1.10	7.2	NA	NA	NA	NA	NA	NA	NA	0.36 J	0.44
Cadmium	1.50	2.5	NA	NA	NA	NA	NA	NA	NA	0.53 J	0.81 J
Chromium	55	30	NA	NA	NA	NA	NA	NA	NA	21.1	23.7
Copper	141	50	NA	NA	NA	NA	NA	NA	NA	154	73.7
Lead	891	63	NA	NA	NA	NA	NA	NA	NA	254	274
Manganese	408	1,600	NA	NA	NA	NA	NA	NA	NA	310	317
Mercury	3.3	0.18	NA	NA	NA	NA	NA	NA	NA	0.29	0.44
Nickel	48.1	30	NA	NA	NA	NA	NA	NA	NA	15.5	15.3
Selenium	3.6	3.9	NA	NA	NA	NA	NA	NA	NA	ND	ND
Silver	1.9	2	NA	NA	NA	NA	NA	NA	NA	0.3 J	ND
Zinc	5.5	109	NA	NA	NA	NA	NA	NA	NA	274	369

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York.

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 11B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FB-B-18 S		FP-B-19 S		FP-B-20 S	
Sample Date			2/16/2012		2/15/2012		2/15/2012	
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)								
Acenaphthene	630	20,000	100	J	210	J	1,400	
Acenaphthylene	140	100,000	ND		ND		ND	
Anthracene	1,100	100,000	250	J	450		1,800	
Benzo(a)anthracene	2,100	1,000	260		620		1,600	
Benzo(a)pyrene	2,000	1,000	230		340		940	
Benzo(b)fluoranthene	1,800	1,000	420		650		1,200	
Benzo(g,h,i)perylene	1,500	100,000	260	J	210	J	610	J
Benzo(k)fluoranthene	2,000	800	140		250		580	
Chrysene	2,400	1,000	360		950		1,800	
Dibenz(a,h) anthracene	480	330	41		ND		150	
Fluoranthene	5,200	100,000	1,100		2,700		6,200	
Flourene	600	30,000	210	J	540		2,800	
Indeno(1,2,3-cd)pyrene	1,500	500	220		220		670	
Napthalene	210	12,000	ND		ND		120	J
Phenanthrene	4,400	100,000	1,400		2,800		9,600	
Pyrene	4,700	100,000	970		1,800		4,300	
Metals (mg/kg)								
Arsenic	28.1	13	NA		NA		NA	
Barium	248	350	NA		NA		NA	
Beryllium	1.10	7.2	NA		NA		NA	
Cadmium	1.50	2.5	NA		NA		NA	
Chromium	55	30	NA		NA		NA	
Copper	141	50	NA		NA		NA	
Lead	891	63	NA		NA		NA	
Manganese	408	1,600	NA		NA		NA	
Mercury	3.3	0.18	NA		NA		NA	
Nickel	48.1	30	NA		NA		NA	
Selenium	3.6	3.9	NA		NA		NA	
Silver	1.9	2	NA		NA		NA	
Zinc	5.5	109	NA		NA		NA	

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-1 (5.5-6.0)	FP A-2 (4.5-5.0)	FP A-3 (4.0-4.5)	FP A-4 (4.0 4.5)	FP A-5 (3.0-3.5)	FP A-6 (3.5-4.0)	FP A-7 (4.0-4.5)	FP A-8 (4.0-4.5)	FP A-9 (3.5-4.0)
Sample Date			**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/23/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	490	20,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	200	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	850	100,000	58 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	2,600	1,000	260	ND	110	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	2,700	1,000	240	ND	88	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	2,200	1,000	250	ND	110	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	1,700	100,000	120 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	2,800	800	140	ND	51	ND	ND	ND	ND	ND	ND
Chrysene	2,800	1,000	270 J	ND	120 J	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	490	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	5,900	100,000	500	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	420	30,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	1,800	500	130	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	420	12,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	4,300	100,000	340 J	ND	200 J	ND	ND	ND	ND	ND	ND
Pyrene	5,500	100,000	540	ND	220 J	ND	55 J	ND	ND	ND	ND
Metals (mg/kg)											
Arsenic	20.1	13	NR	NR	3.8	NR	NR	NR	NR	3.3	NR
Barium	253	350	NR	NR	49.0	NR	NR	NR	NR	54.2	NR
Beryllium	0.89	7.2	NR	NR	0.42 J	NR	NR	NR	NR	0.45	NR
Cadmium	1.9	2.5	NR	NR	ND	NR	NR	NR	NR	ND	NR
Chromium	44	1	NR	NR	17.8	NR	NR	NR	NR	21.8	NR
Copper	114	50	NR	NR	19.8	NR	NR	NR	NR	24.5	NR
Lead	840	63	NR	NR	26.4	NR	NR	NR	NR	22.5	NR
Manganese	461	1600	NR	NR	352	NR	NR	NR	NR	412	NR
Nickel	34.5	30	NR	NR	12.9	NR	NR	NR	NR	14.3	NR
Selenium	3.1	3.9	NR	NR	ND	NR	NR	NR	NR	ND	NR
Silver	1.5	2	NR	NR	ND	NR	NR	NR	NR	ND	NR
Zinc	1,440	109	NR	NR	71.9	NR	NR	NR	NR	33.9	NR
Mercury	3.2	0.18	NR	NR	0.079	NR	NR	NR	NR	0.033 J	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-10 (4.0-5.0)	FP A-11 (3.5-4.0)	FP A-12 (4-4.5)	FP A-13 (4.0-4.5)	FP A-13 (4.0-4.5)Dup	FP A-14 (5.0-5.5)	FP A-15 (4.0-4.5)	FP A-16 (3.5-4.0)	FPA 17 (2.5-3.0)
Sample Date			4/23/2012	4/23/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/19/2012	4/18/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	490	20,000	ND	ND	ND	ND	ND	ND	ND	2000 J	ND
Acenaphthylene	200	100,000	ND	ND	ND	ND	ND	ND	ND	400 J	ND
Anthracene	850	100,000	ND	ND	ND	ND	ND	ND	ND	4200	110 J
Benzo[a]anthracene	2,600	1,000	ND	51	190	20 J	82	ND	ND	14000	560
Benzo[a]pyrene	2,700	1,000	ND	41	200	11 J	67	ND	ND	15000	610
Benzo[b]fluoranthene	2,200	1,000	ND	62	180	15 J	83	ND	ND	16000	690
Benzo[g,h,i]perylene	1,700	100,000	ND	42 J	140 J	ND	59 J	ND	ND	9400	650
Benzo[k]fluoranthene	2,800	800	ND	27 J	80	ND	41	ND	ND	6700	310
Chrysene	2,800	1,000	ND	51 J	210 J	ND	97 J	ND	ND	15000	620
Dibenz(a,h)anthracene	490	330	ND	ND	19 J	ND	8.9 J	ND	ND	2300	85
Fluoranthene	5,900	100,000	ND	120 J	200 J	ND	130 J	ND	ND	25000	720
Fluorene	420	30,000	ND	ND	ND	ND	ND	ND	ND	2000 J	ND
Indeno[1,2,3-cd]pyrene	1,800	500	ND	36 J	100	ND	49	ND	ND	9600	590
Naphthalene	420	12,000	ND	ND	150 J	ND	ND	ND	ND	720 J	50 J
Phenanthrene	4,300	100,000	ND	97 J	120 J	ND	100 J	ND	110 J	22000	470
Pyrene	5,500	100,000	ND	120 J	250 J	ND	140 J	ND	ND	30000	680
Metals (mg/kg)											
Arsenic	20.1	13	NR	NR	NR	2.3	2.1	NR	NR	NR	NR
Barium	253	350	NR	NR	NR	32.6 J	50.7	NR	NR	NR	NR
Beryllium	0.89	7.2	NR	NR	NR	0.35 J	0.35 J	NR	NR	NR	NR
Cadmium	1.9	2.5	NR	NR	NR	ND	ND	NR	NR	NR	NR
Chromium	44	1	NR	NR	NR	15.4	16.6	NR	NR	NR	NR
Copper	114	50	NR	NR	NR	16.6	30.9	NR	NR	NR	NR
Lead	840	63	NR	NR	NR	17.2	77.3	NR	NR	NR	NR
Manganese	461	1600	NR	NR	NR	362	358	NR	NR	NR	NR
Nickel	34.5	30	NR	NR	NR	10.8	13.3	NR	NR	NR	NR
Selenium	3.1	3.9	NR	NR	NR	ND	ND	NR	NR	NR	NR
Silver	1.5	2	NR	NR	NR	ND	ND	NR	NR	NR	NR
Zinc	1,440	109	NR	NR	NR	26.9	60	NR	NR	NR	NR
Mercury	3.2	0.18	NR	NR	NR	ND	0.22	NR	NR	NR	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-18 (4.0-4.5)	FP A-19 (4.5-5.0)	FP A-20 (2.5-3.0)	FP A-21 (4.5-5.0)	FP A-22 (3.5-4.0)
Sample Date			4/17/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)							
Acenaphthene	490	20,000	ND	ND	100 J	1300 J	940 J
Acenaphthylene	200	100,000	ND	ND	ND	ND	420 J
Anthracene	850	100,000	ND	ND	270 J	4100	3000
Benzo[a]anthracene	2,600	1,000	ND	91	900	11000	12000
Benzo[a]pyrene	2,700	1,000	ND	91	1000	11000	11000
Benzo[b]fluoranthene	2,200	1,000	ND	120	1100	12000	11000
Benzo[g,h,i]perylene	1,700	100,000	ND	ND	540	7100	7500
Benzo[k]fluoranthene	2,800	800	ND	39 J	520	5600	4200
Chrysene	2,800	1,000	ND	100 J	900	12000	12000
Dibenz(a,h)anthracene	490	330	ND	ND	170	1700	1800
Fluoranthene	5,900	100,000	ND	160 J	1600	20000	16000
Fluorene	420	30,000	ND	ND	110 J	1700 J	1100 J
Indeno[1,2,3-cd]pyrene	1,800	500	ND	ND	620	7000	6800
Naphthalene	420	12,000	ND	ND	53 J	580 J	350 J
Phenanthrene	4,300	100,000	ND	78 J	1200	17000	15000
Pyrene	5,500	100,000	35 J	170 J	2000	28000	27000
Metals (mg/kg)							
Arsenic	20.1	13	NR	NR	NR	9.9	NR
Barium	253	350	NR	NR	NR	1280	NR
Beryllium	0.89	7.2	NR	NR	NR	0.33 J	NR
Cadmium	1.9	2.5	NR	NR	NR	1.6	NR
Chromium	44	1	NR	NR	NR	50.3	NR
Copper	114	50	NR	NR	NR	444	NR
Lead	840	63	NR	NR	NR	823	NR
Manganese	461	1600	NR	NR	NR	285	NR
Nickel	34.5	30	NR	NR	NR	39.2	NR
Selenium	3.1	3.9	NR	NR	NR	1.8 J	NR
Silver	1.5	2	NR	NR	NR	0.26 J	NR
Zinc	1,440	109	NR	NR	NR	1370	NR
Mercury	3.2	0.18	NR	NR	NR	1.2	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

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J - Indicates an estimated value.

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P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-1 2'	FP-B-2 3'	FP-B-3 3'	FP-B-4 3'	FP-B-5 5'	FP-B-6 3.5'	FP-B-7 3.75'	FP-B-8 2'	FP-B-9 4'
Sample Date			2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	490	20,000	160 J	3,600	310 J	400 J	350 J	2,100	970	610 J	540
Acenaphthylene	200	100,000	74 J	ND	ND	91 J	ND	ND	220 J	300 J	90 J
Anthracene	850	100,000	380 J	3,800	340 J	570	560	1,800	1,500	2,200	700
Benzo(a)anthracene	2,600	1,000	1,400	7,200	830	1,600	1,100	1,400	3,600	6,000	1,700
Benzo(a)pyrene	2,700	1,000	1,400	5,800	700	1,600	830	910	3,300	5,800	1,600
Benzo(b)fluoranthene	2,200	1,000	1,500	6,300	730	1,800	900	1,100	3,400	5,600	1,600
Benzo(g,h,i)perylene	1,700	100,000	1,200	3,900	510	1,400	420	470 J	2,700	5,300	1,000
Benzo(k)fluoranthene	2,800	800	600	3,000	350	760	410	420	1,600	2,800	740
Chrysene	2,800	1,000	1,600	8,200	950	1,900	1,200	1,500	3,700	6,500	1,800
Dibenz(a,h) anthracene	490	330	260	1,100	150	320	120	110	630	1,300	280
Fluoranthene	5,900	100,000	2,800	19,000	2,500	3,500	2,600	5,000	8,700	13,000	3,500
Flourene	420	30,000	230 J	6,900	640	580	410	3,900	1,700	1,100	790
Indeno(1,2,3-cd)pyrene	1,800	500	1,200	4,200	550	1,400	500	530	2,700	5,100	1,000
Napthalene	420	12,000	140 J	2,600	370 J	320 J	350 J	4,900	2,400	560 J	1,500
Phenanthrene	4,300	100,000	1,500	22,000	2,600	2,200	2,100	9,000	7,400	7,600	3,200
Pyrene	5,500	100,000	2,300	14,000	1,700	2,900	1,900	3,500	6,600	9,300	2,700
Metals (mg/kg)											
Arsenic	20.1	13	NA	4.9	NA	NA	NA	NA	NA	NA	NA
Barium	253	350	NA	70.5	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.89	7.2	NA	0.28 J	NA	NA	NA	NA	NA	NA	NA
Cadmium	1.9	2.5	NA	0.4 J	NA	NA	NA	NA	NA	NA	NA
Chromium	43.8	30	NA	19	NA	NA	NA	NA	NA	NA	NA
Copper	114	50	NA	26.9	NA	NA	NA	NA	NA	NA	NA
Lead	840	63	NA	105	NA	NA	NA	NA	NA	NA	NA
Manganese	461	1,600	NA	307	NA	NA	NA	NA	NA	NA	NA
Mercury	3.2	0.18	NA	0.11	NA	NA	NA	NA	NA	NA	NA
Nickel	34.5	30	NA	18.4	NA	NA	NA	NA	NA	NA	NA
Selenium	3.1	3.9	NA	ND	NA	NA	NA	NA	NA	NA	NA
Silver	1.5	2	NA	ND	NA	NA	NA	NA	NA	NA	NA
Zinc	1440	109	NA	113	NA	NA	NA	NA	NA	NA	NA

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

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NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-10 5.5'	FP-B-11 3.5'	FP-B-12 3.5'	FB-B-13 3'	FB-B-13 3' Dup	FB-B-14 4'	FB-B-15 3'	FB-B-16 4.5'	FP-B-17 4.5'
Sample Date			2/15/2012	2/14/2012	2/14/2012	2/16/2012	2/16/2012	2/16/2012	2/16/2012	2/16/2012	2/15/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	490	20,000	390 J	17,000	250 J	830	1,000	ND	790	ND	ND
Acenaphthylene	200	100,000	ND	ND	55 J	ND	120 J	ND	ND	ND	ND
Anthracene	850	100,000	290 J	14,000	410	1,000	2,300	ND	420	ND	ND
Benzo(a)anthracene	2,600	1,000	270	14,000	1,500	810	1,300	ND	1,100	65	93
Benzo(a)pyrene	2,700	1,000	140	7,400	1,400	330	570	ND	1,000	43	67
Benzo(b)fluoranthene	2,200	1,000	190	10,000	1,700	550	900	ND	1,000	47	71
Benzo(g,h,i)perylene	1,700	100,000	53 J	3,400 J	1,100	240 J	420 J	ND	690	ND	ND
Benzo(k)fluoranthene	2,800	800	95	3,900	670	220	350	ND	430	20 J	38 J
Chrysene	2,800	1,000	290 J	15,000	1,800	870	1,600	ND	1,100	53 J	100 J
Dibenz(a,h) anthracene	490	330	ND	790	300	49	83	ND	140	ND	ND
Fluoranthene	5,900	100,000	1,400	55,000	3,300	4,300	6,700	ND	2,100	110 J	200 J
Flourene	420	30,000	650	30,000	430	1,900	2,600	ND	1,000	ND	ND
Indeno(1,2,3-cd)pyrene	1,800	500	64	3,800	1,100	240	420	ND	670	17 J	ND
Napthalene	420	12,000	750	13,000	100 J	140 J	260 J	ND	1,200	ND	ND
Phenanthrene	4,300	100,000	2,400	83,000	2,200	6,800	9,700	90 J	2,800	89 J	170 J
Pyrene	5,500	100,000	980	40,000	2,500	3,200	4,800	ND	2,200	120 J	160 J
Metals (mg/kg)											
Arsenic	20.1	13	NA	4.7	NA	3.9	5.4	NA	NA	NA	NA
Barium	253	350	NA	77.8	NA	194	306	NA	NA	NA	NA
Beryllium	0.89	7.2	NA	0.33 J	NA	0.39 J	0.38 J	NA	NA	NA	NA
Cadmium	1.9	2.5	NA	0.49 J	NA	0.36 J	0.56 J	NA	NA	NA	NA
Chromium	43.8	30	NA	18.6	NA	18.8	22.2	NA	NA	NA	NA
Copper	114	50	NA	38	NA	62.9	102	NA	NA	NA	NA
Lead	840	63	NA	158	NA	188	256	NA	NA	NA	NA
Manganese	461	1,600	NA	293	NA	317	296	NA	NA	NA	NA
Mercury	3.2	0.18	NA	0.340	NA	0.19	0.19	NA	NA	NA	NA
Nickel	34.5	30	NA	15.3	NA	15.3	19.0	NA	NA	NA	NA
Selenium	3.1	3.9	NA	ND	NA	ND	ND	NA	NA	NA	NA
Silver	1.5	2	NA	ND	NA	0.80 J	1.9 J	NA	NA	NA	NA
Zinc	1440	109	NA	151	NA	183	270	NA	NA	NA	NA

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

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* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FB-B- 18 4.5'		FP-B-19 3.5'		FP-B-20 4.5'	
Sample Date			2/16/2012		2/15/2012		2/15/2012	
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)								
Acenaphthene	490	20,000	140	J	390	J	410	J
Acenaphthylene	200	100,000	ND		110	J	ND	
Anthracene	850	100,000	340	J	1,200		310	J
Benzo(a)anthracene	2,600	1,000	850		3,500		1,000	
Benzo(a)pyrene	2,700	1,000	720		3,400		840	
Benzo(b)fluoranthene	2,200	1,000	800		3,700		990	
Benzo(g,h,i)perylene	1,700	100,000	360	J	2,400		540	
Benzo(k)fluoranthene	2,800	800	330		1,400		400	
Chrysene	2,800	1,000	890		3,700		1,100	
Dibenz(a,h) anthracene	490	330	76		540		120	
Fluoranthene	5,900	100,000	1,700		6,600		2,800	
Flourene	420	30,000	120	J	460		460	
Indeno(1,2,3-cd)pyrene	1,800	500	360		2,300		570	
Napthalene	420	12,000	ND		180	J	240	J
Phenanthrene	4,300	100,000	1,200		4,700		2,000	
Pyrene	5,500	100,000	1,800		6,300		2,000	
Metals (mg/kg)								
Arsenic	20.1	13	NA		NA		8.5	
Barium	253	350	NA		NA		101	
Beryllium	0.89	7.2	NA		NA		0.42	J
Cadmium	1.9	2.5	NA		NA		0.18	J
Chromium	43.8	30	NA		NA		15.5	
Copper	114	50	NA		NA		45.0	
Lead	840	63	NA		NA		257	
Manganese	461	1,600	NA		NA		255	
Mercury	3.2	0.18	NA		NA		ND	
Nickel	34.5	30	NA		NA		14.9	
Selenium	3.1	3.9	NA		NA		ND	
Silver	1.5	2	NA		NA		ND	
Zinc	1440	109	NA		NA		140	

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

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NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 13A
DETECTED GROUNDWATER ANALYTICAL RESULTS COMPLEX A vs. TOGs 1.1.1 GROUNDWATER STANDARDS (CLASS GA)
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC TOGS 1.1.1 Standards & GV's [1]	PZ-A-1		PZ-A-2		PZ-A-3		PZ-A-4		PZ-A-5	
Sample Date		**4/24/2012**		**4/24/2012**		**4/24/2012**		**4/24/2012**		**4/24/2012**	
Volatile Organic Compounds (VOCs) (ug/L)											
Acetone	50 GV	ND		48		58		ND		12	
Carbon disulfide	NS	ND		0.54	J	0.83	J	ND		0.96	J
2-Butanone	50 GV	ND		2.7	J	4.6	J	ND		ND	
Benzene	1	ND		0.29	J	2.1		ND		2.2	
4-Methyl-2-pentanone	NS	ND		1.4	J	ND		ND		ND	
Tetrachloroethene	5	65	J	ND		ND		ND		ND	
Toluene	5	46000		0.91	J	0.56	J	ND		0.67	J
Ethylbenzene	5	27000		2.7		0.60	J	4700		0.76	J
Styrene	5	ND		ND		ND		6.3	J	0.54	J
Xylenes, Total	5[A]	140000		18		2.5	J	24000		4.9	
Semi-Volatile Organic Compounds (SVOCs) (ug/L)											
Phenol	[B]	ND		14		12		1.3	J	ND	
Benzyl alcohol	NS	ND		6.6	J	ND		ND		ND	
2-Methylphenol	[B]	17	J	ND		ND		ND		ND	
4-Methylphenol	[B]	25	J	5.1	J	5.2	J	ND		ND	
2,4-Dimethylphenol	[B]	33	J	ND		ND		23		ND	
Total Phenolic Compounds	1[B]	75		19.1		17.2		24.3		ND	
4-Chloro-3-methylphenol	NS	ND		3.9	J	ND		ND		ND	
Phenanthrene	50 GV	ND		3.8	J	ND		ND		ND	
Fluoranthene	50 GV	ND		4.1	J	ND		ND		ND	
Pyrene	50 GV	ND		3.7	J	ND		ND		ND	
Benzo[a]anthracene	0.002 GV	3.1	J	2.0		0.54	J	0.39	J	ND	
Bis(2-ethylhexyl) phthalate	5	12	J	11		7.1	J	5.0	J	14	
Benzo[b]fluoranthene	0.002 GV	2.3	J	1.9		0.55	J	ND		ND	
Benzo[k]fluoranthene	0.002 GV	ND		0.72	J	ND		ND		ND	
Benzo[a]pyrene	ND	1.9	J	1.7		0.52	J	0.27	J	ND	
Indeno[1,2,3-cd]pyrene	0.002 GV	1.7	J	1.1		0.36	J	ND		ND	
Dibenz(a,h)anthracene	NS	ND		0.23	J	ND		ND		ND	
PCBs (ug/kg)											
Total	0.09	ND		NR		NR		NR		NR	
Total Petroleum Hydrocarbon (TPH)											
Qualitative Method	NS	ND		NR		NR		NR		NR	

Table 13A
DETECTED GROUNDWATER ANALYTICAL RESULTS COMPLEX A vs. TOGs 1.1.1 GROUNDWATER STANDARDS (CLASS GA)
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

NOTES:

Highlighted cells indicate exceedance of applicable standard.

1 - New York State Department of Environmental Conservation Technical & Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (PDF) **note:** GV indicates guidance value

A - Invidual species of Xylene have standard of 5 ug/L.

B - Standard for Total Phenolic Compounds

C - To meet class GA standards, compound must not be detected.

NR - Analysis not Requested

NS - No standard for specific analyte listed in Part 703, Table 1.

ND - Compound not detected above the Method Detection Limit (MDL).

J - Indicates estimated value.

Table 13B
DETECTED GROUNDWATER ANALYTICAL RESULTS COMPLEX B vs. TOGs 1.1.1 GROUNDWATER STANDARDS (CLASS GA)
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC TOGS 1.1.1 Standards & GV's [1]	PZ-B-1		PZ-B-1 DUP		PZ-B-2		PZ-B-3		PZ-B-4	
Sample Date		**2/17/2012**		**2/17/2012**		**2/17/2012**		**2/17/2012**		**2/17/2012**	
Volatile Organic Compounds (VOCs) (ug/L)											
Acetone	50 GV	25		25		ND		ND		ND	
2-Butanone	50 GV	3.0	J	3.4	J	ND		ND		ND	
Benzene	1	2.8		3		170		23		43	
Toluene	5	1.6		1.7		10		0.44	J	9.6	J
Ethylbenzene	5	1.8		2.0		56		21		32	
Xylenes, Total	5[A]	3.6		4.0		43		9.1		54	J
Semi-Volatile Organic Compounds (SVOCs) (ug/L)											
Phenol	[B]	6.1	J	8.3	J	ND		ND		8.3	J
2-Methylphenol	[B]	34		33		52	J	ND		ND	
4-Methylphenol	[B]	2.6	J	4.6	J	26	J	ND		16	J
2,4-Dimethylphenol	[B]	59		61		250		ND		160	
Total Phenolic Compounds	1[B]	*101.7*		*106.9*		*328*		*ND*		*184.3*	
Naphthalene	10 GV	ND		7.9	J	1600		1100		960	
2-Methylnaphthalene	NS	8.1	J	17		340		140		220	
Acenaphthene	20 GV	130		140		160		160		21	J
Dibenzofuran	NS	71		77		74	J	70		ND	
Fluorene	50 GV	98		110		88	J	75		15	J
Phenanthrene	50 GV	68		69		87	J	21	J	21	J
Carbazole	NS	27		28		97	J	17	J	ND	
Anthracene	50 GV	17		17		ND		ND		ND	
Fluoranthene	50 GV	33		32		ND		ND		ND	
Pyrene	50 GV	27		26		ND		ND		ND	
Benzo[a]anthracene	0.002 GV	5.5		4.6		ND		ND		ND	
Chrysene	0.002 GV	5.3	J	4.4	J	ND		ND		ND	
Bis(2-ethylhexyl)phthalate	5	ND		8.3	J	ND		ND		ND	
Benzo[b]fluoranthene	0.002 GV	3.3		2.7		ND		ND		ND	
Benzo[k]fluoranthene	0.002 GV	1.5		1.2		ND		ND		ND	
Benzo[a]pyrene	ND[C]	3.1		2.6		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.002 GV	1.3		1.0		ND		ND		ND	
Dibenzo[a,h]anthracene	NS	0.31	J	0.22	J	ND		ND		ND	

Table 13B
DETECTED GROUNDWATER ANALYTICAL RESULTS COMPLEX B vs. TOGs 1.1.1 GROUNDWATER STANDARDS (CLASS GA)
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

NOTES:

Highlighted cells indicate exceedance of applicable standard.

1 - New York State Department of Environmental Conservation Technical & Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (PDF) **note:** GV indicates guidance value

A - Invidual species of Xylene have standard of 5 ug/L.

B - Standard for Total Phenolic Compounds

C - To meet class GA standards, compound must not be detected.

NS - No standard for specific analyte listed in Part 703, Table 1.

ND - Compound not detected above the Method Detection Limit (MDL).

J - Indicates estimated value.

SITE INVESTIGATION REPORT
SECOND PHASE
In support of
Voluntary MOSF License Termination

NORTH FIRST STREET OIL STORAGE TERMINAL

BLOCK 2355, LOT 1 & BLOCK 2361, LOT 1

87 and 105 RIVER STREET

BROOKLYN, NEW YORK

Prepared for

Consolidated Edison Company of New York, Inc.

Long Island City, New York

Prepared by

Henningson, Durham & Richardson Architecture and Engineering, PC

in association with HDR Engineering, Inc.

Pearl River, NY

June 2012

SITE INVESTIGATION REPORT
NORTH FIRST STREET OIL STORAGE TERMINAL
BLOCK 2355, LOT 1 & BLOCK 2361, LOT 1
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

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1. INTRODUCTION

On behalf of Consolidated Edison Company of New York, Inc. (Con Edison), Henningson, Durham and Richardson Architecture and Engineering, P.C. (HDR) has performed a Site Investigation, Second Phase, to assess subsurface conditions of the former Major Oil Storage Facility (MOSF) at the North First Street Terminal (NFST) Site. The investigation was performed in accordance with the Site Investigation Work Plan – Second Phase, prepared by HDR and dated January 2012, which was approved by New York State Department of Environmental Conservation (NYSDEC) in a letter dated January 27, 2012 (Appendix A).

1.1 Site Overview

The NFST Site is located in Williamsburg, Brooklyn, Kings County, New York (Figure 1). The NFST Site exists in a predominately mixed residential and commercial community. Historically, the Site vicinity was predominantly manufacturing but in recent years, the manufacturing community has been displaced. Residences are now located to the north, across North Third Street. Commercial and light manufacturing properties remain east of the Site across River Street from the northern portion of the NFST MOSF. At the southern portion of the NFST MOSF, a closed paint factory is to the east. A New York Power Authority (NYPA) Gas Turbine Generation Station is to the south of NFST complex. The East River is to the west of the NFST MOSF.

The NFST Site also consists of an adjacent lot on the east side of River Street, between Metropolitan Avenue and North First Street. The address of this ancillary property (boiler/control house) is 214 Kent Avenue and it is bordered by Metropolitan Avenue to the north, FYN Paint and Lacquer Co. (FYN) to the south, and River Street to the west. The ancillary property occupies approximately 0.3 acres on modern Tax Block 2362, Lot 3. Newly developed residences are east of this lot, on the opposite side of Kent Avenue, replacing light manufacturing and commercial properties that existed up until approximately 2009.

The portion of the NFST facility that is the focus of this investigation is modern Tax Block 2355, Lot 1 and Tax Block 2361, Lot 1. These lots are to the west of the control house, across River Street. Both lots contained a complex of aboveground storage tanks (ASTs). Con Edison demolished the AST complex in 2011-2012. Based on the engineering drawings prepared by Leonard B. Goldman, P.E., Consulting Engineer, dated October 4, 1963; these two complexes consisted of three tanks each with the following capacities:

- Complex A (southern tanks)
    - T-100 – 6,000,000 gallons

  - T-200 – 2,325,000 gallons
  - T-300 – 6,000,000 gallons
- Complex B (northern tanks)
  - T-400 – 6,000,000 gallons
  - T-500 – 6,000,000 gallons
  - T-600 – 4,950,000 gallons

Tank construction of the two complexes was different with respect to the supporting piles. Complex A, as detailed on engineering drawings, was constructed of steel reinforced concrete, 18 inch thick slab on top of 14 –inch thin walled, cast in place 60 ton concrete piles. Complex B was constructed 18 inches of steel reinforced concrete set on top of a mixture of 60 ton, 30 ton, and 25 ton creosote timber piles that ranged from 4 to 6 feet on center. Figure 2 shows the former Site layout including the MOSF ASTs and docks, and engineering drawings prepared by Leonard B. Goldman, P.E., Consulting Engineer, dated October 4, 1963; detailing Complexes A and B are included as Appendix B

1.2 Regional Geology/Hydrogeology

The Site is in the Atlantic Coastal Plain physiographic province and is comprised of interbedded layers of sand, clay and marl. The marine deposits are Cretaceous and Quaternary in age. The drift deposits are derived from glacial activity that occurred during the Pleistocene Epoch. The total thickness of the marine and glacial deposits in Kings County ranges from 0 foot in northwest Brooklyn to 1,100 feet thick in northeastern Brooklyn.

The topography of the area slopes to the west toward East River. The elevation of the Site is approximately 11 to 15 feet above mean sea level (msl). The ground surface at the Site consists of poured concrete and asphalt pavement. The shallow sediments beneath the Site consist of a brown, medium to coarse grained sand with some silt and trace gravel. In general, the subsurface beneath the area consists of interbedded layers of sand, gravel, and clay and silt mixture to approximately 75 feet below ground surface (bgs). Bedrock beneath the Site is greater than 75 feet bgs. The regional direction of groundwater flow beneath the Site is to the west, toward the East River.

1.3 Site History and Previous Investigations

Holzmacher, McLendon & Murrell, P.C. (H2M) and HDR (formerly known as Lawler, Matusky and Skelly Engineering, LLC or also known as LMS) developed background information for the Site on behalf of Con Edison. The background information presented in *Phase I Environmental Site Assessment Report – Kings County Tax No. Block 2355, Lot 1, Block 2361, Lot 1, Block 2362, Lot 3 & Block 2376, Lot 6 – 214 Kent Avenue, Brooklyn, New York* prepared by H2M and

dated September 10, 1999 and *Phase II Site Investigation Report – North First Street Oil Storage Terminal* prepared by HDR and dated January 14, 2000, is summarized below.

A Phase I Environmental Site Assessment (ESA) was performed by H2M for the Con Edison NFST property and the former Pfizer property (no longer owned by Con Edison). Based on a review of available records, a number of Recognized Environmental Conditions (RECs) were identified. These RECs included the presence of above-ground storage tanks (ASTs) and underground storage tanks (USTs) and surface and subsurface soil conditions based on historic Site usage as well as the existence of toxic or hazardous material containers.

At the request of Con Edison, HDR performed a Phase II ESA, as documented in a report dated January 14, 2000. This Site investigation encompassed the NFST Site and the former Pfizer property located to the south of the NFST MOSF facility (between East River, River Street, Grand Street and North First Street). The Phase II investigation scope included:

- Investigation and sampling of a storm drain outside one of the onsite buildings and a manhole within another, both located on the former Pfizer property. Results from both of these sample locations indicate that six semi-volatile organic compounds (SVOCs) and eleven metals were detected above the NYSDEC Technical and Administrative Guidance (TAGM) Memo #4046 - Recommended Soil Cleanup Objectives (RSCOs), which were the regulatory criteria in effect at the time of the investigation.
- Thirteen soil borings were advanced into the water table at the former oil storage area and former Pfizer site. Select samples were collected and sent to a NYSDOH certified laboratory for volatile organic compound (VOC), semi-volatile organic compound (SVOC), metals, pesticides and polychlorinated biphenyls (PCBs) analyses. Laboratory results of the soil samples indicated VOC and SVOC concentrations above the NYSDEC RSCOs. Results for the metal analyses identified ten metals with concentrations above NYSDEC RSCOs. Based on the results, no other analytes were above applicable NYSDEC RSCOs.
- Groundwater samples were collected from four monitoring wells that were initially installed onsite (MW-1, MW-2, MW-3 and MW-4) as part of the MOSF permit. Only one (MW-4) of the four monitoring wells at the Site contained VOCs concentrations in groundwater that exceeded the NYSDEC Class GA standards. Seven metals were also detected above their respective GWQS while neither SVOCs nor polychlorinated biphenyls (PCBs) were detected in the four monitoring wells.

In addition to the above two documents, a 1996 Con Edison document reported that product containing VOCs was encountered in soil borings advanced for the cathodic protection

installation associated with the Con Edison 10,000-gallon UST located in the parking lot at 214 Kent Avenue, adjoining Con Edison's MOSF boiler/control house. The VOCs detected in the product sample included toluene, ethylbenzene and xylenes totaling 876,000 milligrams per liter (mg/l). NYSDEC Spill Number 96-04977 was assigned to the contamination identified adjacent to the UST. To confirm the 1996 report, additional borings were advanced in the vicinity of the UST by HDR in 1999 to characterize the subsurface conditions in this area. This investigation concluded that free phase product was encountered and toluene, ethylbenzene and xylene were detected at elevated concentrations.

In 2001, to assess subsurface soil near the Con Edison UST, Leggette, Brashears & Graham, Inc. (LBG) conducted a limited subsurface investigation associated with the adjacent Fyn Paint facility to the south. The limited subsurface investigation consisted of installing eight soil probes utilizing direct push drilling methods and four groundwater monitoring wells using the hollow stem auger (HSA) method. Of the eight probe borings advanced, four borings were located within the Con Edison property. Three borings were advanced in the NFST parking lot (CE-1, CE-2, and CE-3), and the fourth boring was advanced along the south side of the Complex B on Metropolitan Avenue (CE-4). The rest of the probe borings were advanced outside the Con Edison Property; one was located at the west end of Grant Street (GP-1), one was located on the north side of Complex B on North Third Street (GP-2), and two were located within the Fyn Paint building (GP-3 and GP-4). Laboratory results from this investigation indicate that soil and groundwater within the NFST parking lot was impacted by acetone, ethylbenzene, toluene, and xylene. Subsurface soil concentrations at the borings advanced at NFST ranged from non detect (CE-4) to 3,200,000 micrograms per kilogram (ug/kg) of xylene at CE-1 in subsurface soils. Analytical data from Site monitoring wells in this same vicinity confirmed that these VOCs have also impacted Site groundwater. Dissolved phase VOCs were detected at concentrations ranging from non detect (CE-4) to 1,400,000 ug/l (xylene in CE-2). This information is presented in LBG's *Subsurface Investigation and Remedial Action Plan*, dated August 2001 (LBG, 2001).

To better define the limited subsurface investigation, LBG conducted Supplemental Remedial Investigations in 2003, during which all boring and wells were placed in the public right of way. In 2005, LBG expanded their supplemental investigation by installing eight additional groundwater monitoring wells and two extraction wells. VOC concentrations in subsurface soil during this investigation ranged from 19,000 ug/kg at MW-22 (acetone) to 4,000,000 ug/kg of toluene (MW-22). Groundwater concentrations ranged from non detect in CE-4 to 66,000 ug/l of toluene (EW-1). Both MW-22 and EW-1 are within the NFST parking lot. This information is presented in LBG's *Supplemental Remedial Investigation Report*, dated September 2003 (LBG, 2003).

Fyn Paint has entered into a Voluntary Cleanup Agreement under the New York State Voluntary Cleanup Program (VCP). Under this VCP, LBG installed an Interim Remedial Measure (IRM) consisting of free phase product recovery and groundwater extraction system with effluent treatment. These activities are ongoing with the treatment system inside the Fyn Paint building and extraction points at the Kent Avenue parking lot area of the Con Edison Site. The IRM will be supplemented with a dual phase extraction (DPE) system as the remediation strategy to be implemented in 2012 following approval from NYSDEC. Currently, a quarterly groundwater gauging and sampling program of a monitoring well network (Figure 3) is being implemented to assess the impacts associated with the Fyn Paint facility.

In June 2011, HDR conducted a Site Investigation to assess subsurface conditions surrounding the MOSF tanks as part of the permanent closure of tanks and associated permits. As detailed in the *Site Investigation Report – Western Portion of North First Street Oil Storage Terminal, Block 2355, Lot 1 & Block 2361, Lot 1, 49 River Street, Brooklyn, NY* prepared by HDR (July 2011), soil borings were advanced along North Third Street, River Street, North First Street and both the north and south sides of Metropolitan Avenue. Results of this "Perimeter" investigation indicated 10 of the 18 samples collected exhibited some exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and/or Protection of Groundwater SCOs. The chemical concentrations reported in the analytical report do not appear to be indicative of a No. 6 fuel oil release from the NFST MOSF. The exceedances, for the most part, are within the same order of magnitude as the Part 375 Unrestricted Use SCOs. However, contaminants of concern from the upgradient FYN property were evident in subsurface soil at the perimeter of Complex A, as evident from the acetone concentrations detected in the B12 and B17 soil samples. The Site Investigation Report also discussed groundwater sampling results of the Fyn Paint VCP monitoring program as well as the NFST MOSF monitoring program. Figure 3 shows the locations of the monitoring wells associated with both programs. Based on the groundwater sampling results of these wells, there does not appear to be a groundwater impact associated with the MOSF.

2. SITE INVESTIGATION ACTIVITIES

To supplement the June 2011 Perimeter Subsurface Investigation, HDR conducted an additional "Footprint" investigation to assess the soils directly under the concrete footprint of the MOSF Complexes A and B. As part of this "Footprint" investigation, a surface soil assessment as well as deeper subsurface soils assessment was completed after the demolition of the tank complexes. Based on a reduced sample frequency consistent with DER-10 Section 3.9(b)(2)iii(2) and Section 1.6(c), 42 sample locations were identified in the Site Investigation Work Plan Second

Phase. This sample frequency equates to one boring per 3,600 square feet, or an approximate 60 by 60 foot grid.

2.1 Field Mobilization/Utility Clearance

Prior to the mobilization of drilling equipment HDR contracted a private utility mark-out contractor, Diversified Geophysics of Mineola, New York, to mark out utilities and other underground anomalies within the work area. Other than piles to support the former tank complexes, no subsurface anomalies were identified during the geophysical survey. Therefore, a map showing the locations of the subsurface anomalies was not prepared.

Prior to implementing any intrusive activities, a utility clearance was conducted. The procedure entailed utility mark-outs utilizing the Code 753 process, obtaining and reviewing available utility drawings and a field reconnaissance to verify, to the extent possible, the location of utilities relative to the planned intrusive locations. Aquifer Drilling and Testing, Inc. (ADT) of Mineola, NY, the drilling firm selected for the probe drilling, called in the Code 753 request.

As an added precaution and part of the Con Edison intrusive investigation program, the upper 5 feet at each soil boring was excavated using non-mechanical methods to confirm the absence of utilities (soft dig). ADT was subcontracted to perform non-mechanical clearance at each borehole location. ADT utilized hand tools (posthole digger and digging bar), an air knife, or a combination of the two methods to excavate to five feet or groundwater, whichever was encountered first. During intrusive activities, HDR screened the headspace above the excavation with a Rae Systems MultiRae combination 4-gas monitor and photoionization detector (PID). The MultiRae combination meter has a PID to monitor for total VOC vapors as well as sensors to monitor for lower explosive limits (LEL), oxygen (O_2), carbon monoxide (CO), and hydrogen sulfide (H_2S). Elevated PID readings were detected at several borings including FP B-13, FP B-13 N 5', FP B-13 E 5', FP B-13 S5', FP B-13 S 10', FP B-13 W 5', FP B-13 W 10', FP A-8, and FP A-3 during the soft dig activities (refer to Figures 4A and 4B for boring locations). During intrusive subsurface drilling activities (temporary piezometer installation), elevated PID readings were detected at FP B-11/PZ B-2, FP B-20/PZ B-3, FP-B-13/PZ B-4, FP A-3/PZ A-1, FP A-4/PZ A-2, and FP A-2/PZ A-4. All other borehole locations had background levels as measured during the field activities.

Soils were classified during soft dig activities and recorded on boring logs (Appendix C). Typically, soils above the water table consisted of silty sands with varying amounts of brick, asphalt, concrete, gravel and cobbles. Upon completion of each borehole, each hole was backfilled with the cuttings removed from that location and the location was marked with orange

flagging for future documentation of the location using Differential Global Positioning System (DGPS).

2.2 Soil Borings

To assess the subsurface conditions within the footprint of the MOSF facility, 48 vertical soil borings were advanced (Figure 4A and 4B). The objective of these borings was to physically characterize subsurface soil conditions and allow for the collection of soil samples for laboratory analysis. In the footprint of Complex B, 20 borings were advanced (FP B-1 through FP B-20) as shown on Figure 4B, and 22 borings (FP A-1 through FP A-22) were advanced within Complex A (Figure 4A). Six additional delineation borings were also advanced within the footprint of Complex B to assess the elevated PID readings noted in soils from the FP B-13 borehole. No samples for laboratory analyses were collected from the six additional delineation borings.

ADT was subcontracted by HDR to advance the soil borings using direct push technology (DPT) drilling methods and tooling. However, due to a shallow water table, DPT was not utilized to collect soil samples but was used to install temporary piezometers. In most cases, the water table was encountered during hand clearing efforts, usually within three or four feet below ground surface (bgs). All borings were advanced to the water table.

A HDR environmental scientist was on-Site during the drilling activities to log soils and collect soil samples for laboratory analyses. Soils from each boring were described in accordance with the Unified Soil Classification System (USCS) and were field screened with the MultiRae combination meter to monitor subsurface soils and headspace of the boring holes. Samples were immediately screened with the MultiRae meter to identify areas where volatile organic vapors and/or methane may be present so that samples representative of a worst case situation could be collected for analyses. Observations and field screening data from each boring was recorded on boring logs, which are included in Appendix C. A summary of the PID readings of all borings is included as Tables 1A and 1B.

In addition to the PID screening, the boreholes were also screened with the other sensors as well. No readings above background LEL concentrations (0% LEL) were noted during the investigation except at FP A-3, where an LEL of 1% was measured during advancement of direct push tooling associated with the temporary piezometer installation. Oxygen, CO, and H_2S readings from the boreholes were the same as background conditions. The readings on the other sensors were the same as background conditions during the investigation activities.

Subsurface soils observed during the subsurface investigation were described as fine to medium sands with varying amounts of silts and debris such as brick, concrete coal, ash, wood and glass. Depths to groundwater ranged from 2.5 to 6 feet bgs.

2.2.1 Soil Sampling and Analyses

As part of this "Footprint" subsurface investigation, 84 soil samples were collected from 42 soil borings. At each boring, one sample was collected from the surface and the second sample from the interval that exhibited the highest PID reading. In the absence of an elevated PID reading, the second sample was collected from the interval immediately above the groundwater table. Upon collection, samples were transferred directly into laboratory-supplied glassware. The portion of the sample collected for VOCs was transferred to the sample containers first followed by the other parameters, as needed. Each container was then labeled with the appropriate sample identification number and sample depth, the analytical parameters to be analyzed, the date and time, as well as the field personnel who collected the samples. Sample containers were then placed in a cooler with ice and sent under chain of custody protocol to TestAmerica, Inc., Shelton, CT, a NYSDOH certified laboratory, via laboratory-provided courier.

Soil samples submitted to the laboratory were analyzed for VOCs using EPA Method 8260B and SVOCs using EPA Method 8270C (base-neutral compounds only). In addition, samples from selected locations were analyzed for Target Analyte List (TAL) metals via EPA Method 6010B, pesticides following EPA Method 8081, PCBs using EPA Method 8082, and modified total petroleum hydrocarbons (TPH) following a modified EPA Method 8015. These locations were selected to provide a representation of conditions across the Site or at a borehole location that exhibited elevated PID reading and/or showed signs of contamination (odors, soil staining or sheen). Tables 2A and 2B provide the soil sample analytical summary.

Upon completion of each borehole, sampling equipment (e.g., Macrocore® sampler) was decontaminated with an Alconox and tap water wash, followed by a de-ionized or distilled water rinse. Drill cuttings that were observed to be impacted were placed in a Department of Transportation (DOT) specified drum for subsequent waste characterization sampling and off Site disposal. Soil from one borehole (FP B-13) showed some evidence of a potential impact with a heavy sheen noted on the soils. Soils from this borehole were drummed, with an estimated volume of approximately 1/3 full. One other borehole (FP A-3) showed signs of being potentially impacted. However, no excess soil from other locations was generated. At borehole locations where no evidence of a potential impact was observed, cuttings were returned to the subsurface at the location that the cuttings were generated.

The location of each boring was surveyed using a DGPS for documentation purposes. Due to the proximity of the borings to adjacent buildings/structures, there was potential that satellite signals could be disrupted, which could distort the plotted location. Therefore, on boreholes where poor satellite distribution was noted, the borehole was triangulated using two fixed points such as fire

hydrants or manholes in addition to using a DGPS. The DGPS data and triangulations were used to prepare a figure that most accurately locates each boring (Figures 4A and 4B).

2.3 Temporary Piezometer Installations

ADT was subcontracted by HDR to advance soil borings and install temporary piezometers at select locations within the footprint of the MOSF tanks. These temporary piezometers were installed using DPT drilling methods and tooling. All borings were advanced continuously in five-foot increments using a 2-inch diameter Macrocore® barrel with dedicated PVC liners. Each borehole was advanced into the water table. HDR installed 9 temporary piezometers within the footprint of the former tank complexes to assess the groundwater conditions beneath the tank farm (Figures 5A and 5B). Each piezometer was offset slightly from the boring location to avoid collecting an excessively turbid groundwater sample which could bias the analytical results. Five piezometers were installed in Complex A and 4 piezometers were installed in Complex B. An HDR environmental scientist was on-Site during the drilling activities to observe the installation process and to log the boreholes. Consistent with the soil borings, subsurface soils observed during the temporary piezometer installations were described in accordance with the Unified Soil Classification System (USCS). Soils collected from borehole advancement were also field screened with a MultiRae meter to monitor subsurface conditions. Observations and field screening data from each boring was recorded on boring logs, which are included in Appendix D.

Upon reaching the termination depth for each borehole, a 10 foot length of 1 inch diameter polyvinyl chloride (PVC), 0.002 inch slot screen was placed in the borehole such that the screened section of each piezometer intersects the water table. Piezometer construction logs documenting the construction details are included as Appendix E and a summary of temporary piezometer construction details is provided on Table 3. Following installation of the temporary piezometers, the groundwater was allowed to equilibrate to near steady state conditions. Once steady state conditions were obtained, the groundwater within the piezometer was gauged with an oil water interface probe to the nearest one-hundredth of a foot to provide a depth to water (DTW) measurement and/or a depth to product (DTP) measurement, if free phase product was encountered. Measurements were recorded from the surrounding ground surface and are included in Appendix F. Groundwater depths ranged from 2.25 feet bgs to 5.85 feet bgs. No measurable free product was encountered in any of the piezometers during this investigation.

2.3.1 Groundwater Sampling and Analyses

As part of this "Footprint" subsurface investigation, one groundwater sample was collected from each of the 9 temporary piezometers; five samples from Complex A and four samples from Complex B.

Upon completion of groundwater gauging, dedicated ¼ inch, inside diameter (ID) low density polyethylene (LDPE) tubing was placed into each temporary piezometer and connected to a variable speed peristaltic pump utilizing laboratory-grade silicone tubing. The piezometers were then purged of approximately 0.33 ounces to 3 gallons (gal) of water in an effort to collect turbid free samples. Purged water was collected in a five gallon pail and was assessed using olfactory senses for impacts for subsequent disposal.

Once turbid free conditions were reached, groundwater samples were collected directly into laboratory supplied glassware. Each container was then labeled with the appropriate sample identification number, parameters to be analyzed, date and time, as well as the field personnel who collected the samples. Sample containers were then placed in a cooler with ice and sent under chain of custody protocol to TestAmerica, Inc., Shelton, CT, a NYSDOH certified laboratory, via laboratory-provided courier.

Purge water was determined to be free of visible contamination (free phase product or heavy sheen) and was then discharged back into the borehole from which it was purged following sample collection.

All groundwater samples were analyzed for VOCs using EPA Method 8260B, SVOCs using EPA Method 8270C (base-neutral compounds only). Also, a sample from PZ A-1 (FP A-3) was analyzed for PCBs using EPA Method 8082 and modified Total Petroleum Hydrocarbon (TPH) following a modified EPA Method 8015, based on the presence of a heavy sheen and elevated PID readings that were noted during borehole advancement.

2.4 Review of MOSF and FYN VCP Groundwater Monitoring Data

In addition to the subsurface soil and groundwater evaluation, six years of MOSF compliance sampling data and three years of Fyn Paint and Lacquer Company, Co. groundwater remediation data were also evaluated as part of this Investigation. This information was previously summarized in the June 2011 Site Investigation Report, but is updated herein considering the groundwater data collected since that investigation. Monitoring well locations associated with the Con Edison MOSF and the Fyn Paint VCP are shown on Figure 3. A summary of the monitoring well construction details is provided on Table 4. A discussion of the analytical results is provided below.

2.4.1 North 1st Street Major Oil Storage Facility Data (MOSF)

As part of the MOSF annual sampling program, four monitoring wells located in proximity to the tank farm were gauged on a monthly basis and sampled on an annual basis. These wells are identified as NTMW-1, NTMW-2, NTMW-3, and NTMW-4, (also referred to as MW-1 through MW-4). Under the MOSF requirements, the samples from these wells were analyzed for SVOCs only, but due to the litigation associated with the Fyn Paint facility, VOCs were subsequently added. Data dating back approximately to 2001 shows that the samples were regularly analyzed for VOCs and SVOCs using EPA Methods SW8260B and SW8270C with some analytes being analyzed using EPA 624/8260B and EPA 625/8270C. In 2007, SVOCs were analyzed using EPA Method SW8270B. Only selected analytes were reported in 2011 using EPA Method SW8021 for VOCs and EPA Method SW8270C for SVOCs. The groundwater samples collected in March 2012 were not submitted for SVOC analyses. Groundwater analytical data for NFST MOSF wells is provided on Table 5.

NTMW-1, installed as a stick-up protective casing well at the west end of Metropolitan Avenue between the two tank farms, had detections of acenaphthene (0.48 ug/l) and anthracene (0.03 ug/l) during the March of 2011 sampling event. However, no other compounds were detected in the 2010 or 2011 sampling events. Although these two compounds were detected at well NTMW-1, the concentrations are well below the most restrictive guidance value in the Division of Water Technical and Operational Guidance Series (1.1.1) (TOGS 1.1.1) of 5.3 ug/l (TOGS Class A waters) for acenaphthene and 3.3 ug/l (TOGS Class A waters) for anthracene. Similarly, toluene (2.2 ug/l) was detected in NTMW-1 in March 2012, but this concentration is below the groundwater quality standard of 5 ug/l.

MOSF Well NTMW-2 was installed with a stick-up protective casing at the west end of North First Street. Within the last two years (2010 and 2011), no VOCs or SVOCs were detected at concentrations above their associated detection limits at MOSF Well NTMW-2. No VOCs were detected in the sample collected from NTMW-2 in March 2012.

MOSF well NTMW-3 was installed with flush mount surface completion near the west end of North Third Street. Analyses of a sample collected from NTMW-3 showed no compounds were detected in the March 2010 sampling event. However, in March of 2011, several SVOCs were detected. These compounds are summarized in Table 5. NTMW-3 is located between the oil storage facility and a new apartment building, in a publicly accessible area. Due to the street cleaning, snow clearing and potentially public access, the well had been compromised. Construction associated with the redevelopment of North 3rd Street and the new apartment building has further damaged the monitoring well. The well was subsequently closed in accordance with New York State Department of Environmental Conservation procedures in

November 2011 due to its being compromised. These detections are possibly the result of stormwater runoff entering the compromised well.

NTMW-4 was installed as a flush mount well within the sidewalk along the west side of River Street between Metropolitan Avenue and North First Street. It is the closest MOSF monitoring well to the Fyn Paint and Lacquer building. Several VOCs have been detected in the samples collected from this monitoring well over the past two years. No SVOCs were detected above detection limits in either the March 2010 or March 2011 sampling events. In March 2012, three chlorinated VOCs (chlorobenzene at 5.9 ug/l, cis-1,2-dichloroethene at 3.4 ug/l, and 1,1-dichloroethane at 3.9 ug/l) were detected in this well. However, only the chlorobenzene concentration was above the groundwater quality standard.

2.4.2 Fyn Paint and Lacquer Site

The Fyn Paint VCP groundwater monitoring program currently consists of quarterly sampling of up to 30 wells and piezometers for VOCs. However, several wells were subsequently removed or reduced to annual sampling from the Fyn Paint monitoring program due their distance from the Fyn Paint contamination source. Because of the proximity of these Fyn Paint wells to the MOSF, the data set was reviewed to assess groundwater conditions within the NFST MOSF vicinity. Of the wells monitored as part of the Fyn Paint VCP, nine wells are immediately adjacent to the NFST MOSF. In addition to the four Con Edison MOSF wells (NTMW-1 through NTMW-4), these nine wells also include MW-10, MW-12, MW-14, GP-2, and CE-4. Although quarterly groundwater samples collected as part of the Fyn Paint VCP investigation date back to February 2008 and seven sporadic groundwater sampling events occurred from September 2001 through March 2007, only the data collected from the first quarter 2009 through first quarter 2012 are summarized herein. Groundwater analytical data for Fyn Paint VCP wells adjacent to the MOSF wells is provided on Table 6 and a summary of all Fyn Paint VCP wells is included as Appendix G.

Over the past three years, approximately 275 groundwater samples were collected for the Fyn Paint VCP, excluding quality control samples, and analyzed for VOCs following EPA Method 8260. VOCs are the primary contaminants of concern associated with the Fyn Paint site and several VOCs were detected at concentrations in excess of TOGS 1.1.1 Groundwater Quality Standards (GWQS). The predominant Fyn Paint contaminants of concern - acetone, benzene, toluene, ethylbenzene, and total xylenes - were detected most frequently and at the highest concentrations of the VOCs.

Acetone was detected at levels above the GWQS of 5 ug/l in eight Fyn Paint VCP wells: ASW-1 (sampled one time only), EW-1, MW-15, MW-16, MW-21, MW-22, MW-24, and MW-28.

None of these wells are adjacent to the NFST MOSF. Concentrations ranged from 11 ug/l in the MW-24 sample (2nd quarter 2011) to 800,000 ug/l in the MW-28 sample (2nd quarter 2010). In general, concentrations have fluctuated from event to event with the lowest average concentrations being detected in November 2009. According to the LBG report, the decrease noted between June 2010 and September 2010 can be attributed to the start-up of the groundwater pump and treat system at the end of August 2010. However, the variation in concentrations may also be attributed to other factors such as seasonal fluctuations, sampling methods, or hydrogeologic factors. Acetone is not a constituent of fuel oil. It is known to have been used at the Fyn Paint facility.

In both the MOSF and Fyn Paint VCP wells, benzene concentrations in the groundwater samples range from 1.3 ug/l reported in February 2009 at MW-8 to 360 ug/l reported in September 2010 at MW-13. Benzene was also detected in 11 additional wells over the course of the thirteen sampling events: EW-1, GP-1, MW-4, MW-6, MW-9A, MW-10, MW-15, MW-16, MW-21, MW-24, and MW-28, each of which is associated with the Fyn Paint VCP. With the exception of MW-10, these wells are either cross gradient or upgradient of the MOSF. The benzene concentration detected in MW-10 was 2.2 ug/l, during the second quarter of 2010. Benzene was not detected in this well during the 12 other quarters in this three year period. Based on the distribution of the benzene concentrations, the source of the benzene is likely an off-Site source or sources.

For the Fyn Paint VCP investigation, toluene concentrations ranged from 2.6 ug/l at MW-8 in June 2010 to 430,000 ug/l at MW-13 in March the 3rd quarter of 2011. Toluene was detected in 155 samples with 151 sample concentrations exceeding the GWQS of 5 ug/l. A general comparison of the concentration detected during the sampling events indicates a slight increase of toluene in the groundwater quality samples over this timeframe. Of the wells immediately adjacent to the MOSF, toluene was most frequently detected in the sample collected from MW-12 with the highest concentration (13,000 ug/l) detected in May 2009. Over the past three years, the samples collected from MW-4 in February 2010 (30 ug/l), from MW-10 in June 2010 (1,100 ug/l) from MW-14 in December 2011 (29 ug/l), MW-20 in September 2010 (30 ug/l), and from CE-4 in December 2009 (42 ug/l) were the only other wells immediately adjacent to the MOSF that showed detections for this compound. Considering the toluene distribution, the MOSF does not appear to be a source of this compound.

For the Fyn Paint VCP investigation, the concentrations of ethylbenzene range from 2.1 ug/l as reported at MW-10 in December 2010 to 34,000 ug/l at MW-22 in September 2011. Of the 147 samples where ethylbenzene was detected, 135 concentrations exceeded the GWQS of 5 ug/l. Of the wells immediately adjacent to the MOSF, ethylbenzene was most frequently detected in

MW-12, with the highest concentrations (15,000 ug/l in May 2009 and March 2010). Ethylbenzene was also detected in 4 other wells, MW-4 (high of 150 ug/l, March 2010), MW-10 (high of 1,100 ug/l, June 2010), MW-20 (high of 19 ug/l, September 2010) and CE-4 (detected only once in March 2011 at 16 ug/l).

The overall concentrations of total xylenes have been decreasing on average over the last two years though the number of detects per sampling event have risen indicating that the concentration of xylenes in the groundwater is becoming more dispersed over time. Total xylenes have been detected above the GWQS of 5 ug/l in 176 of the 275 samples collected. A maximum concentration of 144,000 ug/l was detected at MW-22 in September of 2011 and the lowest detected concentration of 2.1 was recorded at MW-27 in March of 2011.

Eleven other compounds were also detected at concentrations exceeding the GWQS in wells adjacent to the MOSF include 2-butanone, chlorobenzene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, 1,1-dichloroethane, 1,2-dichlorobenzene, isopropylbenzene, 1,2,3-trichloropropane, trichloroethene, vinyl chloride, and tetrahydrofuran. None of these compounds are associated with fuel oil. The source of these compounds is unclear although documentation exists regarding Fyn Paint's use of 2-butanone.

Naphthalene, a common constituent of fuel oils, was not detected in any of the groundwater samples collected over this three year period.

2.5 Review of Soil Gas Sampling Data

In addition to groundwater results, historic soil vapor data associated with the Fyn Paint VCP were also evaluated. As part of the Fyn Paint VCP, the nearest soil gas point to the MOSF was installed at the northwest corner of North First Street and River Street. Based on the results of a soil gas sample collected from that point indicated 1,1,1-trichloroethane (TCA) was present in the soil vapor at a concentration of 680 micrograms per cubic meter ($\mu g/m^3$), as presented in LBG's *Soil Vapor Intrusion Investigation Work Plan* (LBG, 2007). Under the New York State Department of Health Guidance for Vapor Intrusion, TCA concentrations in sub-slab samples are actionable for monitoring or mitigation at 100 $\mu g/m^3$. TCA is not a component of No. 6 fuel oil, but is a solvent used in inks, paints, adhesives and other coatings.

3. ANALYTICAL RESULTS DISCUSSION

3.1 Soil Boring Results

The analytical results of the samples collected during the 2012 "Footprint" Investigation were compared to NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and

Protection of Groundwater SCOs. Based on the laboratory analytical results of the 84 samples (42 surface, and 42 subsurface samples), the soils across the Site generally appear consistent. However, exceedances of some of the above SCOs are reported. A summary of the number of samples with one or more SCO exceedances is presented in the following table (Manhattan Background concentrations for SVOCs and metals are also listed for comparative purposes).

Sample Parameter	No. of Samples Collected	Unrestricted Use SCO	Protection of Groundwater SCO	Manhattan Background
VOCs	84	11	11	NA
SVOCs	84	35	30	15
Pesticides	17	7	0	NA
PCBs	17	3	0	NA
Metals	17	17	4	3

Figures 6A, 6B, 7A, 7B, and 8A, 8B show the locations with exceedances of the Unrestricted Use, and Protection of Groundwater SCOs as well as compared to Manhattan Background soil concentrations (The RETEC Group, 2007) for Complex A and Complex B. A summary of the surface soil analytical results with comparison to the Unrestricted land use SCOs is presented in Tables 7A and 7B. Tables 8A and 8B provides a summary of the subsurface analytical results in comparison to the Unrestricted land use SCOs. A summary of surface soil analytical results in comparison to Protection of Groundwater SCOs is presented in Tables 9A and 9B. Tables 10A and 10B provide a summary of subsurface soil analytical results in comparison to Protection of Groundwater SCOs. Tables 11A and 11B provide a summary of surface soil analytical results in comparison to Manhattan Background, and Tables 12A and 12B provide a summary of subsurface soil analytical results in comparison to Manhattan Background concentrations. The complete analytical data packages are included as Appendix H.

3.1.1 Complex A

As part of this investigation, 22 borings were advanced within the "Footprint" of the MOSF at Complex A. One surface sample (22 total samples) and one subsurface sample (also 22 total samples) were collected from each location. Samples were analyzed at a NYSDOH certified lab for VOCs and SVOCs. From select locations, samples for pesticides, PCBs, and TAL metals analyses were also collected. If elevated PID readings or visual signs of contamination were noted, a modified TPH analysis was also requested. Analytical results were compared to Unrestricted Use SCO, Protection of Groundwater SCOs, and Manhattan Background

concentrations. A summary of the analytical results are included as Table 7A, 8A, 9A, 10A, 11A, and 12A, and a graphic summary is included as Figure 6A, 7A, and 8A.

Eleven out of the 22 surface samples collected have concentrations above Part 375 Unrestricted Use SCOs. Six samples contained VOC exceedances, four samples contained SVOC exceedances, five samples contained metal exceedances, one sample exceeded for pesticides and one sample exceeded for PCBs.

Acetone was the only VOC detected at concentrations greater than the Unrestricted Use SCO of 50 ug/kg. Analytical results of acetone ranged from 51 ug/kg to 220 ug/kg. No other VOC compounds were detected at concentration in excess of their respective SCO.

Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were the only SVOCs detected at concentrations above their respective Unrestricted Use SCOs. In the surface samples, concentrations of these PAH compounds ranged from 620 ug/kg (indeno(1,2,3-cd)pyrene) in borehole FP A-17 SUR to 1,800 ug/kg (benzo(b)fluoranthene) in FP A-4 SUR.

Concentrations of five metal compounds (chromium, copper, lead, zinc, and mercury) exceed their respective Unrestricted Use SCOs in the surface samples. Chromium was detected in all five samples where Unrestricted Use SCOs were exceeded. Concentration of chromium ranged from 10.4 ug/kg (FP A-21 SUR) to 26.8 ug/kg in samples FP A-4 SUR. Lead and zinc were detected in 3 samples (FP A-1 SUR, FP A-4 SUR and FP A-15 SUR) at concentrations above the Unrestricted Use SCOs. Lead concentrations ranged from 106 mg/kg in FP A-1 SUR to 181 mg/kg in FP A-15 SUR above the Unrestricted Use SCO of 63 mg/kg. Zinc concentrations ranged from 131 to 179 mg/kg, above the Unrestricted Use SCO of 109 mg/kg. Copper and mercury were detected above the Unrestricted Use SCO in 2 samples each. Copper was detected above the Unrestricted Use SCO of 50 mg/kg in samples collected from FP A-1 SUR (62.2 mg/kg) and FP A-15 SUR (67.9 mg/kg). Both exceedances are on the same order of magnitude as the SCO. Mercury was also detected in 2 samples collected (FP A-15 SUR and FP A-21 SUR). Concentrations ranged from 0.29 mg/kg to 0.98 mg/kg, above the Unrestricted Use SCO of 0.18 mg/kg.

Pesticides and PCBs were also detected above Unrestricted Use SCO in one sample (FP A-4SUR). Pesticide concentrations were on the same or one order of magnitude above the respective SCO. Concentrations of 4,4'-DDD, 4,4'-DDT and dieldrin were detected above the Unrestricted Use SCOs of 3 ug/kg, 3 ug/kg, and 5 ug/kg respectively. Concentrations ranged from 7.1 ug/kg (dieldrin) to 19 ug/kg (4,4'-DDT). Aroclor 1254 was the only PCB that was detected. The Aroclor 1254 concentration detected was 220 ug/kg, which is above the Unrestricted Use SCO of 100 ug/kg (for total PCBs).

At Complex A, the surface sample that appears to be most impacted was collected at FP-A-4, where VOCs, SVOCs, pesticides, PCBs and metals concentrations all exceeded the Unrestricted Use SCOs.

Results of the subsurface samples show exceedances of the Unrestricted Use SCOs at nine locations: FP-A-3, FP-A-8, FP-A-13, FP-A-15, FP-A-16, FP-A-17, FP-A-20, FP-A-21, and FP-A-22. VOCs exceeded the Unrestricted Use SCO at FP-A-3 and FP-A-15. At FP-A-3, concentrations of ethylbenzene, toluene and total xylenes were above the Unrestricted Use SCOs of 1,000 ug/kg, 700 ug/kg, and 260 ug/kg, respectively. At FP-A-15, the acetone concentration (55 ug/kg) exceeded the Unrestricted Use SCO of 50 ug/kg.

In the subsurface samples, five of twenty-two samples were reported to have SVOC concentrations exceeding the Unrestricted Use SCOs. The SVOCs with concentrations exceeding the Unrestricted Use SCOs are PAHs, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene. In general, the concentrations of these compounds were an order of magnitude above the Unrestricted Use SCOs. However, not all compounds exceeded the Unrestricted Use SCOs in each of the five samples. The sample collected from FP-A-16 appears to have the highest SVOC concentrations detected.

Metal concentrations exceeded the Unrestricted Use SCOs in each of the four subsurface samples collected for metal analyses. Chromium concentrations exceeded the SCO in each sample whereas lead and mercury concentrations exceeded the SCO in two of the four samples (FP-A13 and FP-A-21). Barium, copper, and nickel exceeded the Unrestricted Use SCO in one sample only, FP-A-21. With the exception of nickel, each exceeding concentration at FP-A-21 was an order of magnitude above the cleanup objective.

PCBs and pesticides were detected at concentrations exceeding the Unrestricted Use SCOs in two of the four subsurface samples collected for these analyses (FP-A-13 and FP-A-21). At FP-A-13, 4,4'-DDT (5.9 ug/kg) and Aroclor 1254 (110 ug/kg) were detected above the Unrestricted Use SCOs of 3 ug/kg and 100 ug/kg, respectively. At FP-A-21, three pesticides, 4,4'-DDD (11 ug/kg) 4,4'-DDE (6.9 ug/kg) and 4,4'-DDT (13 ug/kg) had concentrations exceeding the Unrestricted Use SCO of 3 ug/kg for each pesticide. Concentrations of Aroclors 1254 (62 ug/kg) and 1260 (61 ug/kg) in the FP-A-21 subsurface sample were below the Unrestricted Use SCO, but the total PCB concentration of 123 ug/kg was above the 100 ug/kg cleanup objective.

With respect to the Protection of Groundwater SCOs, one VOC, three SVOCs, and one metal were reported to have concentrations that exceed the guidance in surface soil samples. Acetone

exceeded the Protection of Groundwater SCO (50 ug/kg) in six samples with the high concentration of 220 ug/kg in sample FP A-11 SUR. The other acetone Protection of Groundwater SCO exceedances were slightly over the SCO with concentrations ranging from 51 ug/kg to 63 ug/kg, on the same order of magnitude as the SCO. The three SVOCs that exceeded the Protection of Groundwater SCOs in the surface samples were benzo(a)anthracene and chrysene, both in three samples (FP A-4 SUR, FP A-7 SUR, and FP A-13 SUR) and benzo(b)fluoranthene in one sample (FP A-4 SUR). Chromium is the only metal with Protection of Groundwater SCO exceedances, occurring in two samples, FP A-1 SUR and FP A-4 SUR, with concentrations of 21.4 ug/kg and 26.8 ug/kg, respectively.

For the subsurface samples, the Protection of Groundwater SCOs were exceeded for VOCs, SVOCs, and metals. Samples with VOC exceedances include FP-A-3 (4.0-4.5) where ethylbenzene, toluene and total xylenes exceeded the criteria and FP-A-15 (4.0-4.5) where acetone exceeded the criteria. The samples with SVOC Protection of Groundwater exceedances include FP-A-16 (3.5-4.0), FP-A-21 (4.5-5.0) and FP-A-22 (3.5-4.0). The specific SVOCs that exceeded the criteria include benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene. Metals that exceeded the Protection of Groundwater SCOs include chromium in FP A-8 (4.0-4.5), and barium, chromium, lead and mercury in FP-A-21 (4.5-5.0).

The SVOC and metal analytical results were also compared to background PAH and metal concentrations in Manhattan soils in combination with the Unrestricted Use SCOs. At Complex A, there were no exceedances of both combined criteria in any of the surface soil samples. For the subsurface samples, three locations, FP-A 16 (3.5-4.0), FP A-21 (4.5-5.0), and FP A-22 (3.5-4.0), each had 7 PAHs with concentrations that exceeded both criteria. Only one subsurface sample, FP A-21 (4.5-5.0), had metals with concentrations exceeding both criteria. These metals include barium, chromium, copper, and nickel.

3.1.2 Complex B

As part of this investigation, 20 borings were advanced within the “Footprint” of the MOSF at Complex B. One surface sample (20 total samples) and one subsurface sample (also 20 total samples) were collected from each location. Samples were analyzed at a NYSDOH certified lab for VOCs and SVOCs. From select locations, samples for pesticides, PCBs, and TAL metals analyses were also collected. If elevated PID readings or visual signs of contamination were noted, a modified TPH analysis was also requested. Analytical results were compared to Unrestricted Use SCO, Protection of Groundwater SCOs, and Manhattan Background soil concentrations. Summaries of the analytical results for the surface and subsurface samples are

included as Table 7B, 8B, 9B, 10B, 11B, and 12B, and graphic summaries are included as Figure 6B, 7B, and 8B.

VOC analytical results show only one compound (acetone) with a reported concentration above the Unrestricted Use SCOs in surface soils. The acetone concentration was 51 ug/kg, above the SCO of 50 ug/kg. No other VOCs were detected in surface soil samples at concentrations exceeding the Unrestricted Use SCOs. Of the subsurface samples, only two locations, FP-B-11 3.5' and FP-B 17 4.5', had exceedances of the Unrestricted Use SCOs. In the FP-B-11 3.5' sample, concentrations of benzene (180 ug/kg), ethylbenzene (1,300 ug/kg) and total xylenes (1,600 ug/kg) exceeded the SCOs of 60 ug/kg, 100 ug/kg, and 260 ug/kg, respectively. At FP-B-17 4.5', the acetone concentration (97 ug/kg) was above the Unrestricted Use SCO of 50 ug/kg. However, this concentration was flagged with a "B", indicating it was also detected in the method blank associated with that sample.

At Complex B, concentrations of several SVOCs exceeded the Unrestricted Use SCOs. Of the 20 surface soil samples, 11 samples had one or more SVOC with concentrations exceeding the Unrestricted Use SCOs. These compounds included up to 8 PAHs, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzofuran, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene, that exceeded the Unrestricted Use SCOs. Of these compounds, benzo(b)fluoranthene and chrysene had the most exceedances (10) in the surface samples. The surface soil samples with the highest concentrations appear to be FP-B-2 S and FP-B-7 S.

For the subsurface soil samples, 15 of the 20 samples collected had SVOC exceedances above the Unrestricted Use SCOs. These individual SVOCs are the same compounds listed above for the surface soil samples. In general, the detected concentrations were on the same or one order of magnitude above the Unrestricted Use SCOs. The subsurface sample with the highest concentrations is FP-B-11 3.5', where the concentrations were generally an order of magnitude above the cleanup objectives. This subsurface sample is the only location where naphthalene was detected at a concentration exceeding the Unrestricted Use SCO. The naphthalene concentration at this location was reported at 13,000 ug/kg, above the cleanup objective of 12,000 ug/kg.

Pesticides were detected in four samples at concentrations exceeding the Unrestricted Use SCOs. These samples include two surface samples, FP-B-16 S and FP-B-17 S, and two subsurface samples, FP-B-2 3' and FP-B-20 4.5'. The specific pesticides that exceeded the Unrestricted Use SCOs include 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT. The exceedances were generally on the same or one order of magnitude above the SCOs.

PCB concentrations did not exceed the Unrestricted Use SCOs in any sample collected from Complex B during this investigation. The highest detected concentration was 72 ug/kg of Aroclor 1254 in sample FP-B-20 4.5'.

Metal concentrations exceeded the Unrestricted Use SCOs in 8 surface and subsurface soil samples at Complex B. The specific metals include barium, chromium, copper, lead, mercury, and zinc. With the exception of lead and copper, the exceedances were on the same order of magnitude as the cleanup objectives. The highest detected lead concentration was 274 mg/kg in sample FP-B-17 S, above the Unrestricted Use SCO of 63 mg/kg. The highest detected copper concentration was 154 mg/kg in sample FP-B-16 S, above the cleanup objective of 50 mg/kg. No other metal concentrations exceeded the Unrestricted Use SCOs at Complex B.

Protection of Groundwater SCOs were exceeded for VOCs in three samples at Complex B. The specific VOCs include acetone in the duplicate sample of FP-B-3 S and FP-B-17 4.5' and both benzene and ethylbenzene in FP-B-11 3.5'. With the exception of the benzene concentration, the exceedances were on the same order of magnitude as the SCO. The benzene concentration was one order of magnitude above the SCO.

Five individual SVOCs were reported with concentrations exceeding the Protection of Groundwater SCOs in the surface and subsurface samples. These compounds include benzo(a)anthracene (in 22 samples), benzo(b)fluoranthene (in 12 samples), benzo(k)fluoranthene (in 3 samples), chrysene (in 24 samples), and naphthalene (in one sample). In general, the exceedances were on the same order of magnitude as the SCO. The most impacted boring with respect to this criteria is FP-B-11 3.5', where the exceedances were an order of magnitude above the SCOs.

At Complex B, there were no reported concentrations of pesticides, PCBs, or metals that exceeded the Protection of Groundwater SCOs.

A comparison of the analytical results with the Soil Background PAH and Metal Concentrations combined with the Unrestricted Use SCOs show that 12 samples have PAH exceedances and two samples have metal exceedances (see Tables 11B and 12B). The PAH exceedances are likely due to the presence of creosote treated piles spaced 4 to 6 feet apart throughout Complex B. The two samples with metal exceedances are samples of FP-B-16S and FP-B-17S, where barium, copper and zinc concentrations were greater than the criteria. The barium concentration at FP-B-17S is 425 mg/kg versus the background concentration of 248 mg/kg. For copper at FP-B-16S, the detected concentration was 154 mg/kg, above the background concentration of 141 mg/kg. Zinc concentrations exceeded the background concentration (5.5 mg/kg) and the Unrestricted Use SCO (109 mg/kg) in both FP-B-16S (274 mg/kg) and FP-B-17S (369 mg/kg).

3.2 Temporary Piezometer Results

To assess groundwater quality beneath the footprint of the MOSF Tanks and to assess whether historic operations have impacted Site groundwater, 9 temporary piezometers were installed beneath the MOSF footprint. These 9 temporary piezometers include 5 piezometers (PZ A-1 through PZ A-5) beneath Complex A and 4 piezometers beneath Complex B (PZ B-1 through PZ B-4). Summary tables of the analytical data are included as Tables 13A and 13B. Figures 9A and 9B show analytical data with respect to the sample locations.

3.2.1 Complex A

Analytical results show that 7 VOCs and 7 SVOCs were detected in Site groundwater above applicable TOGS 1.1.1 GWQS or guidance values. Acetone, benzene, tetrachloroethene, toluene, ethylbenzene, styrene, and total xylenes were the VOCs detected above the GWQS or guidance values at Complex A. Toluene, ethylbenzene, and total xylenes were detected in concentrations that are four to five orders of magnitude above the GWQS and guidance values. These VOCs are typically not indicative of No. 6 fuel oil, especially at these concentrations. The origin of these compounds is likely associated with the FYN Paint and Lacquer VCP site, which is upgradient of Complex A.

Acetone was detected in three of the five samples with one concentration exceeding the guidance values. Acetone is also a contaminant of concern at the Fyn Paint site. The tetrachloroethene concentration is one order of magnitude above the groundwater standard but was reported as an estimated concentration due to the dilution factor associated with the toluene, ethylbenzene and total xylene concentrations. The source of tetrachloroethene, which was detected in only one sample, is not known.

Analytical data results also suggest that Site groundwater has been impacted by SVOCs. Total phenolic compounds (phenol, 2-methylphenol, 4-methylphenol, 2,4-dimethylphenol), benzo[a]anthracene, bis(2-ethylhexyl)phthalate, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, and indeno[1,2,3-cd]pyrene were detected at concentrations above applicable standards and guidance values. Concentrations ranged from 0.27 ug/l (benzo[a]pyrene in PZ A-4) to 75 ug/l (total phenolic compounds) in PZ A-1. Although these compounds are in exceedance of their respective TOGS 1.1.1 groundwater standard and guidance values, the compounds are not indicative of an impact associated with the MOSF tanks due to the absence of naphthalene. Naphthalene is a common indicator of fuel oils. The impacts associated with the polyaromatic hydrocarbons (PAHs) is likely more indicative of urban fill, whereas the phenolic compounds may be indicative of contaminants associated with the creosote piles or possibly

construction and building materials. However, creosote piles were not present at Complex A; thin walled, cast in place 60 ton concrete piles were present under this complex.

3.2.2 Complex B

To assess the groundwater quality beneath Complex B, four temporary piezometers were installed. Analytical results show that 4 VOCs and 12 SVOCs have been detected in Site ground water above applicable TOGS 1.1.1 GWQS or guidance values. VOCs detected above the GWQS/Guidance Values include benzene, toluene, ethylbenzene and total xylenes (BTEX). Although the BTEX compounds are often associated with gasoline, these compounds are also associated with creosote and Complex B contains numerous wood piles which were likely treated with creosote. These compounds are also associated with the upgradient Fyn Paint site, although the distance and cross gradient direction likely rule that property out as a source. Acetone and 2-butanone were also detected, but at concentrations below the TOGS guidance values. These compounds are also associated with the Fyn Paint site.

SVOCs detected in groundwater at Complex B include phenols (2-methylphenol, 4-methylphenol, 2,4-dimethylphenol), naphthalene, acenaphthene, fluorene, phenanthrene, benzo[a]anthracene, bis(2-ethylhexyl)phthalate, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, and indeno[1,2,3-cd]pyrene. The distribution of these compounds at Complex B is generally inconsistent. For example, total phenols were detected in concentrations exceeding the guidance values at PZ-B-1, PZ-B-2, and PZ-B-4 but not detected at PZ-B-3 whereas naphthalene exceeded the guidance values at PZ-B-2, PZ-B-3 and PZ-B-4, but not detected at PZ-B-1 and detected but at an estimated concentration in the PZ-B-1 duplicate sample. Acenaphthene was the only SVOC that exceeded the guidance value in each of the four groundwater samples.

With the exception of the SVOCs with low guidance values (0.002 ug/l), the exceeding concentrations were mostly on the same order of magnitude as the guidance values. However, the total phenols and naphthalene concentrations were two orders of magnitude above the guidance values. Considering the numerous and closely spaced piles at Complex B, the creosote piles are the likely source of those compounds.

4. CONCLUSIONS

The Site soil encountered during this investigation largely consists of urban fill. The analytical data for VOCs, SVOCs, pesticides, PCBs and metals are generally consistent with the chemical composition of urban fill or associated with creosote treated piles, which exist at Complex B. At Complex A, there appears to be two primary areas where elevated concentrations were detected.

One area is at the southeast corner of the complex, near the intersection of North First Street and River Street. A second area is near the East River, at the northwest corner of Complex A.

Near the southeast corner of the Site, VOCs have been impacted this area by contaminants that appear to be migrating from the Fyn Paint facility. Concentrations of ethylbenzene, toluene and total xylenes are in the double to triple digit part per million (ppm) range in the subsurface sample (FP A-3) collected at the water table in this area. Based on the results of soil samples collected from the surrounding borings (FP A-2, FP A-4, and FP A-5), the impacted area does not appear to extend far onto the Site. However, the groundwater sample collected at PZ A-4, which corresponds with soil sample location FP A-2, shows ethylbenzene and total xylene concentrations that are three and four orders of magnitude above the TOGS 1.1.1 GWQS. Therefore, the impacted groundwater apparently migrating from the Fyn Paint facility does not appear to be fully delineated to the northwest. Groundwater samples collected at PZ A-2 and PZ A-3, which were installed to the west of PZ A-1 have significantly lower concentrations of toluene, ethylbenzene and total xylenes.

Near the northwest corner of the Site, the area appears to be impacted by PAHs as evidenced by certain compounds exceeding the Unrestricted Use SCOs in subsurface soil samples and specifically those samples collected at FP A-16, FP A-21 and FP A-22. These samples are contiguous with respect to the sampling grid and may suggest a separate fill source from the rest of Complex A as no other sample location had PAH concentrations on this order of magnitude. Two other sample locations, FP A-17 and FP A-20, had SVOC exceedances of the Unrestricted Use SCOs (one and two exceedances, respectively). Therefore, the impacted fill appears to be horizontally delineated in this area.

For Complex B, the impacted area appears to be more widespread and less isolated considering 24 of the 40 samples collected have one or more SVOC concentrations that exceed the Unrestricted Use SCOs. Of these, 10 surface soil and 14 subsurface soil samples (24 total) have one or more SVOCs with concentrations that exceed the Unrestricted Use SCOs. Only 12 of the 40 surface and subsurface samples at Complex B have concentrations above the Manhattan background concentrations. These samples include seven surface samples and five subsurface samples.

However, with the exception of acetone at FP-B-3 S DUP (51 ug/kg) and FP-B-17 4.5' (97 ug/kg) and benzene, ethylbenzene and total xylenes at FP-B-11 3.5', no VOC concentrations exceeded the Unrestricted Use SCOs. Also, PCBs were not detected above the Unrestricted Use SCOs. Although a few metals were detected at concentrations exceeding the Unrestricted Use SCOs, only the zinc concentrations in FP-B-16 S and FP-B-17 S, the copper concentration in FP-B-16 S and the barium concentration in FP-B-17 S exceeded the Manhattan Background soil

concentrations. Considering the presence of PAHs and a lack of metals within Complex B, it is believed that the impacted soil is associated with the creosote piles as opposed to the urban fill that exists at this complex. Groundwater analytical data of samples collected from Complex B also supports this conclusion. Total phenols were detected in three of the four groundwater samples collected at Complex B, with concentrations exceeding the TOGS 1.1.1 GWQS. Phenols may be indicative of creosote related impacts.

Data collected during the perimeter investigation also suggests the presence of creosote treated wood as a potential source of Site contaminants. During the perimeter investigation, the SVOCs detected in the B9 sample were reported at higher concentrations in comparison to the remaining sampling locations. The boring log for B9 notes that the 6 to 10 foot interval (bgs) consisted mainly of wood. Boring B9 was near the southwest corner of Complex B and also had exceedances of Unrestricted Use SCOs for SVOCs. Based on historical Site use, it is possible that the wood may have been the remnants of a wooden support pile or railroad tie. The SVOC concentrations in the sample collected at B9 may be indicative of preserved wood and had impacted the sample collected from this boring.

In summary, the reported concentrations for the samples collected during this investigation do not appear to be indicative of any potential release from the MOSF. For the most part with some exceptions, the exceedances are within the same order of magnitude as Part 375 Unrestricted Use SCOs. Based on the analytical data, and meter readings and field observations during this investigation, there is no apparent indication of an impact to soil or groundwater caused by leakage from any of the tanks, ancillary piping, accidental discharges or other Site related activities.

However, it appears that contaminants of concern from the upgradient FYN property are evident at the southeastern side of Complex A, particularly noted by the toluene, ethylbenzene, and total xylenes concentrations detected in the soil and groundwater samples. The presence of these compounds, plus acetone in other samples, in the soil and groundwater suggests migration of impacted groundwater from an upgradient source is occurring. Migration of impacted groundwater is further supported by the historical groundwater sample results of wells installed along the east and south sides of Complex A, where toluene, ethylbenzene, xylenes and other paint manufacturing related chemicals have been detected. Based on the reported concentrations of these contaminants, the impact to groundwater at the Site from activities at the FYN property appears to be significant and continuing migration of the impacted groundwater is ongoing. The predominant migration pathway of these contaminants though the soils is via groundwater movement.

5. REFERENCES

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Tables

Table 1A
BOREHOLE SUMMARY - COMPLEX A
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP A-1	Fill: F. to M. SAND trace silt and gravel	6.0	6.0	ND		
FP A-2	Fill: F. to M. SAND trace silt and gravel	5.0	5.0	ND		
FP A-3	Fill: F. to M. SAND trace silt varying amounts of concrete, mica schist cobbles, and gravel	5.5	4.5	265 - 839	4.5 to 5.5'	Strong Solvent Type Odor
FP A-4	Fill: F. to M. SAND varying amounts of silt, concrete, and gravel	4.5	4.5	ND		
FP A-5	Fill: F. to M. SAND trace silt and garvel	4.0	3.5	ND		
FP A-6	Fill: F. to M. SAND trace silt and gravel	5.0	4.0	ND		
FP A-7	Fill: F. to M. SAND trace silt varying amounts of glass, brick and gravel	5.0	4.5	ND		
FP A-8	Fill: F. to M. SAND trace silt and gravel	5.0	4.5	3 to 7	surface	Slight Petroleum Odor
FP A-9	Fill: F. to M. SAND trace silt varying amonts of brick and gravel	4.5	4.0	ND		
FP A-10	Fill: F. to M. SND varying amounts of brick, ash and gravel	5.5	5.0	ND		
FP A-11	Fill: F. to M. SAND trace silt varying amounts of cobbles and gravel	4.5	4.0	ND		

Table 1A
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SITE INVESTIGATION REPORT
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87 and 105 RIVER STREET
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Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP A-12	Fill: F. to M. SAND varing amounts of silt, concrete, coal, wood (cresote pile) and gravel	5.0	4.0	ND		
FP A-13	Fill: F. to M. SAND trace silt varying amount of gravel, brick and glass	5.0	4.0	ND		
FP A-14	Fill: F. to M. SAND trace silt varing amount of wood, concrete and brick	5.5	5.0	ND		Wooden cribbing at 3 to 4 feet
FP A-15	Fill: F. to M. SAND varing amounts of silt, brick, concrete, ash, wood, and glass	5.0	4.5	ND		
FP A-16	Fill: F. to M. SAND trace silt varing amounts of ash, cinders, coal, briak, slag and gravel	4.5	4.0	ND		
FP A-17	Fill: F. to M. SAND varing amounts of silt, brick, glass, caol, concrete and gravel	4.0	3.0	ND		
FP A-18	Fill: F. to M. SAND trace silt varying amounts of brick, coal, glass, gravel, and cobbles	5.0	4.0	ND		
FP A-19	Fill: F. to M. SAND varing amounts of silt, concrete, brick, ash, wood and gravel	5.5	5.0	ND		

Table 1A
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87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP A-20	Fill: F. to M. SAND varing amounts of silt, ash, cinders, brick, wood and gravel	3.5	3.0	ND		
FP A-21	Fill: F. to M. SAND varing amounts of silt, concrete, brick, wood, metal, ash, cinders, and gravel	5.0	5.0	ND		
FP A-22	Fill: F. to M. SAND varing amounts of silt, concrete, wood, glass, and gravel	4.5	4.0	ND		
PZ A-1 (FP A-3)	Fill: F. to M. SAND varing amounts of silt, brick, and gravel to 5'. F. to M. SAND trace silt, varying amounts of gravel to 10'.	10.0	2.52	.6 to 2708	0 to 10'	Moderate to Strong Solvent Odor
PZ A-2 (FP A-4)	Fill: F. to M. SAND vbarying amounts of silt, brick and gravel to 5'. F. to M. SAND some silt and trace gravel to 10'	10.0	2.51	.7 to 3.0	0 to 4'	No Odor
PZ A-3 (FP A-5)	Fill: F. to M. SAND some silt and concrete to 4'. F. to M. SAND varying amounts of silt to 9.5'. Clay to 10'.	10.0	2.22	ND		

Table 1A
BOREHOLE SUMMARY - COMPLEX A
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
PZ A-4 (FP A-2)	Fill: F. to M. SAND some mica schist fragments and concrete to 4'. F. to M. SAND some silt to 7'. C. SAND and gravel to 8'. F. to M. SAND and trace silt to 10'.	10.0	3.52	.7 to 64.5	5 to 10'	Slight to Strong Solvent Odor
PZ A-5	Fill: F. to M. SAND varying amounts of silt, brick, wood to 4'. F. to M. SAND some silt to 10'	10	5.85	ND		

Table 1B
BOREHOLE SUMMARY - COMPLEX B
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP B-1	Fill: F. SAND some silt varing amounts of brick and gravel	3.2	2.5	ND		
FP B-2	Fill: F. SAND some silt varing amounts of brick and gravel	2.5	2.0	ND		
FP B-3	Fill: F. SAND some silt varing amounts of brick and gravel	3.5	3.0	ND		
FP B-4	Fill: F. SAND some silt varing amounts of concrete	3.3	3.0	ND		
FP B-5	Fill: F. SAND some silt varing amounts of concrete, brick, wood and gravel	5.0	5.0	ND		
FP B-6	Fill: F. SAND some silt varing amounts of concrete, brick and gravel	4.8	3.5	ND		
FP B-7	Fill: F. SAND some silt varing amounts of brick and cobbles/boulders	4.5	3.8	ND		
FP B-8	Fill: F. SAND some silt varing amounts of brick, concrete and gravel	2.7	2.0	ND		
FP B-9	Fill: F. SAND some silt varing amounts of wood, brick and gravel	5.0	4.0	ND		

Table 1B
BOREHOLE SUMMARY - COMPLEX B
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP B-10	Fill: F.SAND some silt varing amounts of concrete, brick, wood (cresote pile) and gravel	6.0	5.5	ND		
FP B-11	Fill: F. SAND some silt varing amounts brick, conctere and wood (cresote pile)	5.0	3.5	ND		Strong Cresote Odor
FP B-12	Fill: F. SAND some silt varing amounts of concrte, bnrick, and gravel	4.0	3.7	ND		
FP B-13	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	3.0	62	2.5 to 3.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-13 N 5'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	25	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-13 E 5'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	15	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-13 S 5'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	25	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-13 S 10'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	150	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater

Table 1B
BOREHOLE SUMMARY - COMPLEX B
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
FP B-13 W 5'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	20	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-13 W 10'	Fill: F. SAND some silt varing amounts of brick, concrete, gravel	4.0	4.0	50	3.5 to 4.0'	Moderate to strong Petroleum Odor, Sheen on soil and groundwater
FP B-14	Fill: F. SAND some silt varing amounts of concrete brick, ash and gravel	4.5	4.0	ND		
FP B-15	Fill: F. SAND some silt varing amounts of concrete, brick and ash	4.0	3.0	ND		
FP B-16	Fill: F. SAND some silt varing amounts of brick and ash	5.0	4.8	ND		
FP B-17	Fill: F. SAND some silt varing amounts of concrete, brick, ash cinders, wood and gravel	5.0	4.75	ND		
FP B-18	Fill: F. SAND some silt varing amounts of concrete, brick, ash and gravel	5.0	4.5	ND		
FP B-19	Fill: F. SAND some silt varing amounts of concrete and brick	3.75	3.5	ND		
FP B-20	Fill: F.SAND some silt varing amounts of concrete, brick, wood (cresote pile) and gravel	5.0	4.5	ND		Moderate Cresole odor, moderate sheen on water

Table 1B
BOREHOLE SUMMARY - COMPLEX B
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Lithology Description	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
PZ B-1 (FP B-2)	Fill: F.SAND some silt varing amounts of concrete, brick and gravel to approx. 5'. F. SAND some silt to 10'	10	2.33	ND		
PZ B-2 (FP B-11)	Fill: F. SAND varing amounts brick and gravel to 5'. F. SAND some silt to 10'	10	2.25	7.6 30	2 to 5' 5 to 10'	Slight Odor (Possible Cresote)
PZ B-3 (FP B-20)	Fill: F. SAND some silt varing amounts of brick, concrete, coal, and ash to 8'. SILT some F.sand to 10'	10	3.13	0.7	0 to 5'	No Odors
PZ B-4 (FP B-13)	Fill: F. SAND some silt varing amounts of concrete, brick, ash, cinders, and wood (cresote pile)	10	2.38	110 40	5 to 8' 8 to 10'	Slight to moderate petroleum odor

Table 2A
SOIL SAMPLE SUMMARY - COMPLEX A
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Location	VOC	SVOC	Metals	Pesticides	PCB	TPH ID
FP A-1	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP A-2	Surface	X	X				
	Subsurface	X	X				
FP A-3	Surface	X	X				
	Subsurface	X	X	X	X	X	X
FP A-4	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP A-5	Surface	X	X				
	Subsurface	X	X				
FP A-6	Surface	X	X				
	Subsurface	X	X				
FP A-7	Surface	X	X				
	Subsurface	X	X				
FP A-8	Surface	X	X	X	X	X	X
	Subsurface	X	X	X	X	X	X
FP A-9	Surface	X	X				
	Subsurface	X	X				
FP A-10	Surface	X	X				
	Subsurface	X	X				
FP A-11	Surface	X	X				
	Subsurface	X	X				
FP A-12	Surface	X	X				
	Subsurface	X	X				
FP A-13	Surface	X	X				
	Subsurface	X	X	X	X	X	X
FP A-14	Surface	X	X				
	Subsurface	X	X				
FP A-15	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP A-16	Surface	X	X				
	Subsurface	X	X				
FP A-17	Surface	X	X				
	Subsurface	X	X				
FP A-18	Surface	X	X				
	Subsurface	X	X				
FP A-19	Surface	X	X				
	Subsurface	X	X				
FP A-20	Surface	X	X				
	Subsurface	X	X				
FP A-21	Surface	X	X	X	X	X	X
	Subsurface	X	X	X	X	X	X
FP A-22	Surface	X	X				
	Subsurface	X	X				

Table 2B
SOIL SAMPLE SUMMARY - COMPLEX B
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Location	VOC	SVOC	Metals	Pesticides	PCB	TPH ID
FP B-1	Surface	X	X				
	Subsurface	X	X				
FP B-2	Surface	X	X				
	Subsurface	X	X	X	X	X	X
FP B-3	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP B-4	Surface	X	X				
	Subsurface	X	X				
FP B-5	Surface	X	X				
	Subsurface	X	X				
FP B-6	Surface	X	X				
	Subsurface	X	X				
FP B-7	Surface	X	X				
	Subsurface	X	X				
FP B-8	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP B-9	Surface	X	X				
	Subsurface	X	X				
FP B-10	Surface	X	X				
	Subsurface	X	X				
FP B-11	Surface	X	X				
	Subsurface	X	X	X	X	X	X
FP B-12	Surface	X	X				
	Subsurface	X	X				
FP B-13	Surface	X	X				
	Subsurface	X	X	X	X	X	X
FP B-14	Surface	X	X				
	Subsurface	X	X				
FP B-15	Surface	X	X				
	Subsurface	X	X				
FP B-16	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP B-17	Surface	X	X	X	X	X	X
	Subsurface	X	X				
FP B-18	Surface	X	X				
	Subsurface	X	X				
FP B-19	Surface	X	X				
	Subsurface	X	X				
FP B-20	Surface	X	X				
	Subsurface	X	X	X	X	X	X

Table 3
TEMPORARY PEIZOMETER CONSTRUCTION SUMMARY
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Peizometer Number	Date Installed	Date Sampled	Date Removed	Well Diameter (in.)	Riser Material	Screen Material	Total Well Depth (ft. bgs)	Riser Interval	Screened Interval
Tank Complex A									
PZ A-1 (FP A-3)	4/24/2012	4/24/2012	4/24/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
PZ A-2 (FP A-4)	4/24/2012	4/24/2012	4/24/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
PZ A-3 (FP A-5)	4/24/2012	4/24/2012	4/24/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
PZ A-4 FP A-2)	4/24/2012	4/24/2012	4/24/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
PZ A-5	4/24/2012	4/24/2012	4/24/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
Tank Complex B									
PZ B-1 (FP B-2)	2/17/2012	2/17/2012	2/17/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10
PZ B-2 (FP B-11)	2/17/2012	2/17/2012	2/17/2012	1	N/A	0.020" Slot PVC	9.75	N/A	0-9.75
PZ B-3 (FP B-20)	2/17/2012	2/17/2012	2/17/2012	1	N/A	0.020" Slot PVC	9	N/A	0-9
PZ B-4 (FP B-13)	2/17/2012	2/17/2012	2/17/2012	1	N/A	0.020" Slot PVC	10	N/A	0-10

Table 4
WELL CONSTRUCTION SUMMARY
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Well Number	Date Installed	Monitoring Program	Well Diameter (in.)	Riser Material	Screen Material	Total Well Depth (ft. bgs)	Riser Interval	Screened Interval
NTMW-1	Not Provided	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	23	0 - 5'	5' - 23'
NTMW-2	5/19/1994	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	20	0 - 5'	5' - 20'
NTMW-3	9/8/1994	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	30	0 - 10'	10' - 30'
NTMW-4	9/2/1992	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	16	0 - 1'	1' - 16'
MW-5	5/8/2001	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	20	0 - 10'	10' - 20'
MW-10	7/21/2003	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	29	0 - 9'	9' - 29'
MW-12	6/24/2003	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	24	0 - 9'	9' - 24'
MW-14	6/30/2003	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	28	0 - 8'	8' - 28'
MW-20	8/1/2005	FYN VCP	2	Sch. 40 PVC	0.020" Slot PVC	15	0 - 5'	5' - 15'
CE-4	5/28/2010	FYN VCP	2	Stainless Steel	0.020" Slot Stainless Steel	20	0 - 5'	5' - 20'

Note: information for wells NTMW-1 through NTMW-4 are from Miller Environmental Group, Inc. Monitorinig Well Installation Report, dated September 1994

Table 5
ANALYTICAL RESULTS FOR ANNUAL MOSF GROUNDWATER SAMPLING
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Compound	NYSDEC TOGS GWQS[A]		NTMW-1						NTMW-2					
			4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011	3/19/2012**	4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011	3/19/2012**
Volatile Organic Compounds (µg/L)														
Acetone	50	GV	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
Methyl t-Butyl Ether (MTBE)	10	GV	*< 5*	*< 5.0*	*< 5.0*	*NA*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*NA*	*< 1.0*	ND
1,1-Dichloroethane	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
cis-1,2-Dichloroethene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
Benzene	1	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 0.70*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 0.70*	ND
Trichloroethene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
Toluene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	2.2	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
Chlorobenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
Ethylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
m,p-Xylene	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 2.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 2.0*	ND
o-Xylene	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
Isopropylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
1,2,4-Trimethylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
Naphthalene	10	GV	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*	ND
Xylenes, Total	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*	ND
Semivolatile Organic Compounds (µg/L)														
Naphthalene	10	GV	*< 10*	*< 10*	*< 10*	*< 10*	*NA*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*NA*	NR
Acenaphthylene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Acenaphthene	20	GV	*< 10*	*< 10*	*< 10*	*< 10*	0.48	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Fluorene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Phenanthrene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Anthracene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	0.03	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Fluoranthene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Pyrene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Benzo(a)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Chrysene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Benzo(b)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Benzo(k)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Benzo(a)pyrene	ND	STD[2]	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Indeno(1,2,3-cd)pyrene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Benzo(g,h,i)perylene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR
Dibenzo(a,h)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*	NR

Notes:

**	Data was collected and supplied by LBG	STD[1]	Standard applies to sum of 1,2-, 1,3-, and 1,4-Xylene
STD	Groundwater Quality Standard	STD[2]	Standard is non-detect
GV	Groundwater Quality Guidance Value	ND	Compound not detected in sample

NA Not Analyzed - in later rounds of groundwater sampling a modified list of analytes was reported
NR Analysis of this compound was not requested by LBG
-- indicates no standard or guidance value provided in NYSDEC TOGS (1.1.1)
"< 5" Italicized numbers with preceding "<" indicate value is non-detect
45 Shaded values indicate exceedance of NYSDEC TOGS (1.1.1) Water Class GA standard or guidance value
A - Data compared to New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards & Guidance Values & Groundwater Effluent Limitations

Data Source: Consolidated Edison

Table 5
ANALYTICAL RESULTS FOR ANNUAL MOSF GROUNDWATER SAMPLING
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Compound	NYSDEC TOGS GWQS[A]		NTMW-3						NTMW-4					
			4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011	3/19/2012**	4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011	3/19/2012**
Volatile Organic Compounds (µg/L)														
Acetone	50	GV	< 5	< 5.0	22	< 5.0	NA	Well Deomissioned November 2011 By Stantec	< 5	< 5.0	< 5.0	< 5.0	NA	ND
Methyl t-Butyl Ether (MTBE)	10	GV	< 5	< 5.0	< 5.0	NA	< 1.0		< 5	< 5.0	< 5.0	NA	1.1	ND
1,1-Dichloroethane	5	STD	< 5	< 5.0	< 5.0	< 5.0	NA		< 5	< 5.0	**12**	**17**	NA	3.9
cis-1,2-Dichloroethene	5	STD	< 5	< 5.0	< 5.0	< 5.0	NA		**8.3**	**8.2**	< 5.0	< 5.0	NA	3.4
Benzene	1	STD	< 5	< 5.0	< 5.0	< 5.0	< 0.70		< 5	< 5.0	< 5.0	< 5.0	0.96	ND
Trichloroethene	5	STD	< 5	< 5.0	< 5.0	< 5.0	NA		**35**	**29**	< 5.0	< 5.0	NA	ND
Toluene	5	STD	< 5	< 5.0	< 5.0	< 5.0	< 1.0		**6.9**	< 5.0	< 5.0	**37**	< 1.0	ND
Chlorobenzene	5	STD	< 5	< 5.0	< 5.0	< 5.0	NA		**6.5**	**7.2**	< 5.0	< 5.0	NA	**5.9**
Ethylbenzene	5	STD	< 5	< 5.0	< 5.0	< 5.0	< 1.0		**77**	< 5.0	< 5.0	< 5.0	**130**	ND
m,p-Xylene	5	STD[1]	< 5	< 5.0	< 5.0	< 5.0	< 2.0		**350**	< 5.0	< 5.0	**16**	**170**	ND
o-Xylene	5	STD[1]	< 5	< 5.0	< 5.0	< 5.0	< 1.0		**110**	< 5.0	< 5.0	**12**	**56**	ND
Isopropylbenzene	5	STD	< 5	< 5.0	< 5.0	< 5.0	< 1.0		< 5	< 5.0	< 5.0	< 5.0	3.4	ND
1,2,4-Trimethylbenzene	5	STD	< 5	< 5.0	< 5.0	< 5.0	< 1.0		< 5	< 5.0	< 5.0	< 5.0	1.8	ND
Naphthalene	10	GV	< 5	< 5.0	6.1	< 5.0	< 1.0		< 5	< 5.0	< 5.0	< 5.0	< 1.0	ND
Xylenes, Total	5	STD[1]	< 5	< 5.0	< 5.0	< 5.0	NA		**500**	< 5.0	< 5.0	**28**	NA	ND
Semivolatile Organic Compounds (µg/L)														
Naphthalene	10	GV	< 10	< 10	< 10	< 10	NA	Well Deomissioned November 2011 By Stantec	< 10	**19**	< 10	< 10	NA	NR
Acenaphthylene	--		< 10	< 10	< 10	< 10	0.03		< 10	< 10	< 10	< 10	< 0.020	NR
Acenaphthene	20	GV	< 10	< 10	< 10	< 10	0.22		< 10	< 10	< 10	< 10	< 0.020	NR
Fluorene	50	GV	< 10	< 10	< 10	< 10	0.16		< 10	< 10	< 10	< 10	< 0.020	NR
Phenanthrene	50	GV	< 10	< 10	11	< 10	1.2		< 10	< 10	< 10	< 10	< 0.020	NR
Anthracene	50	GV	< 10	< 10	< 10	< 10	0.52		< 10	< 10	< 10	< 10	< 0.020	NR
Fluoranthene	50	GV	< 10	< 10	< 10	< 10	6		< 10	< 10	< 10	< 10	< 0.020	NR
Pyrene	50	GV	< 10	< 10	< 10	< 10	4.8		< 10	< 10	< 10	< 10	< 0.020	NR
Benzo(a)anthracene	--		< 10	< 10	< 10	< 10	3.5		< 10	< 10	< 10	< 10	< 0.020	NR
Chrysene	0.002	GV	< 10	< 10	< 10	< 10	**2.5**		< 10	< 10	< 10	< 10	< 0.020	NR
Benzo(b)fluoranthene	0.002	GV	< 10	< 10	< 10	< 10	**4.9**		< 10	< 10	< 10	< 10	< 0.020	NR
Benzo(k)fluoranthene	0.002	GV	< 10	< 10	< 10	< 10	**1.1**		< 10	< 10	< 10	< 10	< 0.020	NR
Benzo(a)pyrene	ND	STD[2]	< 10	< 10	< 10	< 10	**4**		< 10	< 10	< 10	< 10	< 0.020	NR
Indeno(1,2,3-cd)pyrene	0.002	GV	< 10	< 10	< 10	< 10	**3**		< 10	< 10	< 10	< 10	< 0.020	NR
Benzo(g,h,i)perylene	--		< 10	< 10	< 10	< 10	3.2		< 10	< 10	< 10	< 10	< 0.020	NR
Dibenzo(a,h)anthracene	--		< 10	< 10	< 10	< 10	0.8		< 10	< 10	< 10	< 10	< 0.020	NR

Notes:

**	Data was collected and supplied by LBG	STD[1]	Standard applies to sum of 1,2-, 1,3-, and 1,4-Xylene
STD	Groundwater Quality Standard	STD[2]	Standard is non-detect
GV	Groundwater Quality Guidance Value	ND	Compound not detected in sample
NA	Not Analyzed - in later rounds of groundwater sampling a modified list of analytes was reported		
NR	Analysis of this compound was not requested by LBG		
--	indicates no standard or guidance value provided in NYSDEC TOGS (1.1.1)		
"< 5"	Italicized numbers with preceding "<" indicate value is non-detect		
45	Shaded values indicate exceedance of NYSDEC TOGS (1.1.1) Water Class GA standard or guidance value		
A -	Data compared to New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards & Guidance Values & Groundwater Effluent Limitations		

Data Source: Consolidated Edison

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-1											
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	Not Sampled - To be			ND	Not Sampled - To be			ND
Benzene	0.7	ND	ND	ND	ND	ND	sampled annually			ND	sampled annually			ND
Toluene	5	ND	ND	ND	ND	ND	concurrent with the			ND	concurrent with the			2.2
Ethylbenzene	5	ND	ND	ND	ND	ND	Con Edison MOSF			ND	Con Edison MOSF			ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	Sampling as per			ND	Sampling as per			ND
Naphthalene	10	ND	ND	ND	ND	ND	NYSDEC			ND	NYSDEC			ND
2-Butanone	5	ND	ND	ND	**39**	ND				ND				ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND				ND				ND
Chloroform	7	ND	ND	ND	ND	ND				ND				ND
Chlorobenzene	5	ND	ND	ND	ND	ND				ND				ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND				ND				ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*				ND				ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*				ND				ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND				ND				ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND				ND				ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND				ND				ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND				ND				ND
Diethyl Ether	--	ND	ND	ND	ND	ND				ND				ND
Isopropylbenzene	5	ND	ND	ND	ND	ND				ND				ND
n-propylbenzene	5	ND	ND	ND	ND	ND				ND				ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND				ND				ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND				ND				ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND				ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND				ND
Tetrachloroethene	5	ND	ND	ND	ND	ND				ND				ND
Trichloroethene	5	ND	ND	ND	ND	ND				ND				ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND				ND				ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND				ND				ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND				ND				ND
Methylene Chloride	5	ND	ND	ND	ND	ND				ND				ND
Vinyl Chloride	2	ND	ND	ND	ND	ND				ND				ND
Tetrahydrofuran	50	NA*	NA*	NA*	24	ND				ND				ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*				ND				ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-2											
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	Not Sampled - To be			ND	Not Sampled - To be			ND
Benzene	0.7	ND	ND	ND	ND	ND	sampled annually			ND	sampled annually			ND
Toluene	5	ND	ND	ND	ND	ND	concurrent with the			ND	concurrent with the			ND
Ethylbenzene	5	ND	ND	ND	ND	ND	Con Edison MOSF			ND	Con Edison MOSF			ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	Sampling as per			ND	Sampling as per			ND
Naphthalene	10	ND	ND	ND	ND	ND	NYSDEC			ND	NYSDEC			ND
2-Butanone	5	ND	ND	ND	**33**	ND				ND				ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND				ND				ND
Chloroform	7	ND	ND	ND	ND	ND				ND				ND
Chlorobenzene	5	ND	ND	ND	ND	ND				ND				ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND				ND				ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*				ND				ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*				ND				ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND				ND				ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND				ND				ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND				ND				ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND				ND				ND
Diethyl Ether	--	ND	ND	ND	ND	ND				ND				ND
Isopropylbenzene	5	ND	ND	ND	ND	ND				ND				ND
n-propylbenzene	5	ND	ND	ND	ND	ND				ND				ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND				ND				ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND				ND				ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND				ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND				ND
Tetrachloroethene	5	ND	ND	ND	ND	ND				ND				ND
Trichloroethene	5	ND	ND	ND	ND	ND				ND				ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND				ND				ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND				ND				ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND				ND				ND
Methylene Chloride	5	ND	ND	ND	ND	ND				ND				ND
Vinyl Chloride	2	ND	ND	ND	ND	ND				ND				ND
Tetrahydrofuran	50	NA*	NA*	NA*	20	ND				ND				ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*				ND				ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-3												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	NS	NS	NS	ND	Not Sampled - To be			ND	Not Sampled - To be			Not
Benzene	0.7	ND	NS	NS	NS	ND	sampled annually			ND	sampled annually			Sampled
Toluene	5	ND	NS	NS	NS	ND	concurrent with the			ND	concurrent with the			Decomissioned
Ethylbenzene	5	ND	NS	NS	NS	ND	Con Edison MOSF			ND	Con Edison MOSF			By
Xylenes (Total)	5	ND	NS	NS	NS	ND	Sampling as per			ND	Sampling as per			Stantech
Naphthalene	10	ND	NS	NS	NS	ND	NYSDEC			ND	NYSDEC			Nov.
2-Butanone	5	ND	NS	NS	NS	ND				ND				2,011
Carbon Tetrachloride	5	ND	NS	NS	NS	ND				ND				
Chloroform	7	ND	NS	NS	NS	ND				ND				
Chlorobenzene	5	ND	NS	NS	NS	ND				ND				
cis-1,2-Dichloroethene	5	ND	NS	NS	NS	ND				ND				
trans-1,2-Dichloroethene	5	NA*	NS	NS	NS	NA*				ND				
1,2-Dichloroethane	0.6	NA*	NS	NS	NS	NA*				ND				
1,1-Dichloroethene	5	ND	NS	NS	NS	ND				ND				
1,1-Dichloroethane	5	ND	NS	NS	NS	ND				ND				
1,2-Dichloropropane	1	ND	NS	NS	NS	ND				ND				
1,2-Dichlorobenzene	3	ND	NS	NS	NS	ND				ND				
Diethyl Ether	--	ND	NS	NS	NS	ND				ND				
Isopropylbenzene	5	ND	NS	NS	NS	ND				ND				
n-propylbenzene	5	ND	NS	NS	NS	ND				ND				
4-Methyl-2-Pentanone	--	ND	NS	NS	NS	ND				ND				
1,2,3-Trichloropropane	0.04	ND	NS	NS	NS	ND				ND				
1,2,4-Trimethylbenzene	5	ND	NS	NS	NS	ND				ND				
1,3,5-Trimethylbenzene	5	ND	NS	NS	NS	ND				ND				
Tetrachloroethene	5	ND	NS	NS	NS	ND				ND				
Trichloroethene	5	ND	NS	NS	NS	ND				ND				
1,1,1-Trichloroethane	5	ND	NS	NS	NS	ND				ND				
Trichlorofluoromethane	5	ND	NS	NS	NS	ND				ND				
Methyl Tert-Butyl Ether	10	ND	NS	NS	NS	ND				ND				
Methylene Chloride	5	ND	NS	NS	NS	ND				ND				
Vinyl Chloride	2	ND	NS	NS	NS	ND				ND				
Tetrahydrofuran	50	NA*	NS	NS	NS	ND				**130**				
Dichlorodifluoromethane	5	NA*	NS	NS	NS	NA*				ND				

* Concentrations are in µg/L
See last page for notes.

MW-3 was obstructed preventing access for 2nd, 3rd and 4th quarters in 2009

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-4												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.4**	ND	ND
Toluene	5	ND	ND	ND	ND	**30**	ND	ND	ND	ND	ND	**5.7**	**31**	ND
Ethylbenzene	5	**6.6**	ND	**15**	2.7	4.4	**62**	5	2.7	**150**	**93**	**140**	**16**	ND
Xylenes (Total)	5	**70**	**8.7**	**23**	**10**	**27**	**40**	3.3	**5.5**	**20.3**	**15**	**10**	**11.8**	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	2.7	3.8	2.9	ND	3	**11**	**17**	**5.9**
cis-1,2-Dichloroethene	5	2.9	3.6	**6.4**	**6.4**	3.4	**13**	**13**	**10**	**5.6**	**13**	**14**	**11**	3.4
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	4.1	**9.2**	**7.2**	4.4	**10**	**8**	**7.8**	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	**12**	**12**	**18**	**17**	**11**	5	4.7	4	3.7	3.7	8	3.8	3.9
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	**4.9**	**5.7**	**4.5**	2.4	**4.5**	**4.2**	**5.9**	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	2.7	3.5	**5.1**	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	2	2.1	2.6	2.6	ND	**16**	4.8	3.1	ND	3	**6.1**	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	2.8	2.9	ND	ND	ND	2.3	3.3	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.4**	**3.2**	**2.5**	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND	ND	2	ND	ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-5												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	NS	ND	ND	ND	ND	Not Sampled - To be			ND	Not Sampled - To be			ND
Benzene	0.7	NS	ND	ND	ND	ND	sampled annually			ND	sampled annually			ND
Toluene	5	NS	ND	ND	ND	ND	concurrent with the			ND	concurrent with the			ND
Ethylbenzene	5	NS	ND	ND	ND	ND	Con Edison MOSF			ND	Con Edison MOSF			ND
Xylenes (Total)	5	NS	ND	ND	ND	ND	Sampling as per			ND	Sampling as per			ND
Naphthalene	10	NS	ND	ND	ND	ND	NYSDEC			ND	NYSDEC			ND
2-Butanone	5	NS	ND	ND	ND	ND				ND				ND
Carbon Tetrachloride	5	NS	ND	ND	ND	ND				ND				ND
Chloroform	7	NS	ND	ND	ND	ND				ND				ND
Chlorobenzene	5	NS	ND	ND	ND	ND				ND				ND
cis-1,2-Dichloroethene	5	NS	ND	ND	ND	ND				ND				ND
trans-1,2-Dichloroethene	5	NS	NA	NA	NA*	NA*				ND				ND
1,2-Dichloroethane	0.6	NS	NA	NA	NA*	NA*				ND				ND
1,1-Dichloroethene	5	NS	ND	ND	ND	ND				ND				ND
1,1-Dichloroethane	5	NS	ND	ND	ND	ND				ND				ND
1,2-Dichloropropane	1	NS	ND	ND	ND	ND				ND				ND
1,2-Dichlorobenzene	3	NS	ND	ND	ND	ND				ND				ND
Diethyl Ether	--	NS	ND	ND	ND	ND				ND				ND
Isopropylbenzene	5	NS	ND	ND	ND	ND				ND				ND
n-propylbenzene	5	NS	ND	ND	ND	ND				ND				ND
4-Methyl-2-Pentanone	--	NS	ND	ND	ND	ND				ND				ND
1,2,3-Trichloropropane	0.04	NS	ND	ND	ND	ND				ND				ND
1,2,4-Trimethylbenzene	5	NS	ND	ND	ND	ND				ND				ND
1,3,5-Trimethylbenzene	5	NS	ND	ND	ND	ND				ND				ND
Tetrachloroethene	5	NS	ND	ND	ND	ND				ND				ND
Trichloroethene	5	NS	ND	ND	ND	ND				ND				ND
1,1,1-Trichloroethane	5	NS	ND	ND	ND	ND				ND				ND
Trichlorofluoromethane	5	NS	ND	ND	ND	ND				ND				ND
Methyl Tert-Butyl Ether	10	NS	ND	ND	ND	ND				ND				ND
Methylene Chloride	5	NS	ND	ND	ND	ND				ND				ND
Vinyl Chloride	2	NS	ND	ND	ND	ND				ND				ND
Tetrahydrofuran	50	NS	NA*	NA*	ND	ND				ND				ND
Dichlorodifluoromethane	5	NS	NA*	NA*	NA*	NA*				ND				ND

* Concentrations are in µg/L
See last page for notes.

MW-5 was obstructed by a vehicle preventing access for the 1st quarter in 2009

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-10												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	**2.2**	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	**1,100**	ND	ND	**600**	ND	**5.5**	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	**1,100**	3.8	2.1	**8**	ND	ND	ND	ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	**2,470**	2.3	ND	**64**	ND	2.4	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	**39**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	2.7	3.3	3.4	3.9	ND	3.9	3.4	**6.1**	ND	**5.3**	**7.8**	**7.6**	**8.2**
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1	3.8	**7.8**	**5.9**
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	**4.7**	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	**9**	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3.8**	**3.4**	**2.3**
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	3.2	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	**5.6**	ND	ND	ND	ND	**11**	**7.8**	4.7	ND	**6.3**	**12**	**12**	**13**
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	24	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-12												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	**2,600**	**13,000**	**3,000**	**2,400**	**3,400**	**200**	**390**	**720**	**3,500**	**400**	**ND**	**130**	**11,000**
Ethylbenzene	5	**8,700**	**15,000**	**14,000**	**9,600**	**15,000**	**9,000**	**8,100**	**6,500**	**9,100**	**6,800**	**5,500**	**3,200**	**12,000**
Xylenes (Total)	5	**38,200**	**59,100**	**62,100**	**38,200**	**61,000**	**37,000**	**30,310**	**22,650**	**36,200**	**29,470**	**20,000**	**11,000**	**61,200**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-14												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6**	**29**	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	3.8	ND	ND	ND	ND	2.5	**9.8**	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	4.1	**6.2**	**7.4**	4.9	ND	ND	ND	2.8	ND	ND	ND	ND	3.6
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	MW-20												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	**30**	ND	**5.2**	ND	**5.8**	**37**	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	**19**	**11**	**18**	ND	ND	ND	ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	ND	**106**	**37**	**69**	ND	**6.6**	**8.2**	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND	ND	ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	GP-2												
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	0.7	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Xylenes (Total)	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	10	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Carbon Tetrachloride	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroform	7	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	5	NA*	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	0.6	NA*	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethene	5	1	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	1	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	3	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Diethyl Ether	--	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-propylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Methyl-2-Pentanone	--	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichloropropane	0.04	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethene	5	2.2	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1,1-Trichloroethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Tert-Butyl Ether	10	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	5	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	2	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrahydrofuran	50	NA*	NA*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	5	NA*	NA*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

* Concentrations are in µg/L
See last page for notes.

GP-2 was decommissioned in 2010. GP-2 was not sampled in the second half of 2009 and no reason is stated in LBG data tables.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC GWQS[1]	CE-4											
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**	**2Q 2011**	**3Q 2011**	**4Q 2011**	**1Q 2012**
Acetone	5	ND	ND	ND	ND	ND	ND	Not Sampled -		ND	Not Sampled -			ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	To be sampled		ND	To be sampled			ND
Toluene	5	ND	ND	ND	**42**	ND	ND	annually		**1,500**	annually			4.7
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	concurrent with		**16**	concurrent with			ND
Xylenes (Total)	5	ND	ND	ND	**11**	ND	ND	the Con Edison		**121**	the Con Edison			ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	MOSF sampling		ND	MOSF sampling			ND
2-Butanone	5	ND	ND	ND	**35**	ND	ND	as per NYSDEC.		ND	as per NYSDEC.			ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND			ND				ND
Chloroform	7	ND	ND	ND	ND	ND	ND			ND				ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND			ND				ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND			ND				ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND			ND				ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND			ND				ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND			ND				ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND			ND				ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND			ND				ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND			ND				ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND			ND				ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	**14**			**11**				**10**
n-propylbenzene	5	ND	ND	ND	ND	ND	ND			ND				ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND			ND				ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND			ND				ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND			ND				ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND			ND				ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND			ND				ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND			ND				ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND			ND				ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND			ND				ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND			ND				ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND			ND				ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND			ND				ND
Tetrahydrofuran	50	NA*	NA*	NA*	22	ND	ND			ND				ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND			ND				ND

* Concentrations are in µg/L
See last page for notes.

Table 6
GROUNDWATER ANALYTICAL RESULTS FOR MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

ND	Compound not detected in sample
NS	Well not sampled
NR	Not reported or not shown in LBG data tables
NA*	Analyte not analyzed
--	indicates no standard or guidance value provided in NYSDEC TOGS (1.1.1)
45	Shaded values indicate exceedance of NYSDEC TOGS (1.1.1) Water Class GA standard or guidance value
1 -	Data compared to New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards & Guidance Values & Groundwater Effluent Limitations

Data Source: Leggette, Brashears, & Graham, Inc. (LBG) Quarterly Groundwater Monitoring Reports for Fyn Paint & Lacquer Co. Inc. 230 Kent Avenue, Borough of Brooklyn, City of New York VCP Site #V00380-2, VCP Index #W2-0873-00-10

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-1 SUR	FP A-2 SUR	FP A-3 SUR	FP A-4 SUR	FP A-5 SUR	FP A-6 SUR	FP A-7 SUR	FP A-8 SUR	FP A-9 SUR	FP A-10 SUR	FP A-11 SUR
Sample Date		**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**
Volatile Organic Compounds (VOCs) (ug/kg)												
Acetone	50	25 B	32 B	36 B	52	19	30	63	29	51	33	220
Benzene	60	ND	ND	ND	0.20 J	ND	ND	ND	ND	0.34 J	ND	0.38 J
Carbon disulfide	NS	0.26 J	0.65 J	0.40 J	1.1	0.44 J	0.30 J	2.0	2.3	0.65 J	ND	0.25 J
Chloroform	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.39 J B	0.48 J B	1.1 B	0.63 J B	0.94 J B	0.45 J B	1.3 B	3.5 B	2.4 B	3.2 B	0.94 J B
Methyl Ethyl Ketone	120	1.7 J	3.6 J	1.7 J	5.0 J	ND	ND	3.6 J	1.7 J	3.0 J	3.2 J	7.3 J
Methyl isobutyl ketone (MIBK)	NS	ND	ND	ND	1.9 J	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	0.48 J	0.71 J	ND	0.72 J	ND	0.41 J	ND	ND	0.33 J	ND	0.54 J
Toluene	700	0.15 J	0.31 J	0.33 J	0.28 J	0.22 J	0.14 J	ND	0.29 J	0.19 J	0.24 J	0.31 J
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	20,000	65 J	ND	60 J	280 J	120 J	ND	59 J	ND	ND	ND	ND
Anthracene	100,000	200 J	130 J	180 J	760	280 J	140 J	230 J	ND	ND	ND	93 J
Benzo[a]anthracene	1,000	480	320	530	1700	720	650	1300	86	220	230	290
Benzo[a]pyrene	1,000	340	240	460	1400	580	540	940	79	170	ND	300
Benzo[b]fluoranthene	1,000	450	290	570	1800	680	660	1200	120	270	ND	370
Benzo[g,h,i]perylene	100,000	180 J	150 J	290 J	780	350 J	310 J	560	66 J	ND	ND	150 J
Benzo[k]fluoranthene	800	170	ND	210	750	340	300	660	39	89	ND	170
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	1400	350 J	320 J	310 J	ND	690 J	ND	ND
Carbazole	NS	79 J	48 J	55 J	210 J	99 J	46 J	190 J	ND	ND	ND	ND
Chrysene	1,000	490	370 J	600	1600	730	600	1200	94 J	230 J	250 J	290 J
Dibenz(a,h)anthracene	330	ND	ND	ND	270	110	100	200	ND	ND	ND	ND
Dibenzofuran	7,000	56 J	ND	53 J	280 J	92 J	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	850	560	860	3000	1300	1000	2600	160 J	320 J	320 J	460
Fluorene	30,000	100 J	ND	85 J	370 J	120 J	50 J	86 J	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	500	190	170	310	870	370	330	640	68	ND	ND	170
Isophorone	NS	ND	100 J	73 J	120 J	310 J	60 J	290 J	ND	570 J	3100	ND
2-Methylnaphthalene	NS	ND	ND	ND	96 J	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	56 J	ND	ND	ND	ND	ND	ND
Phenanthrene	100,000	670	480	650	3000	1100	600	990	94 J	210 J	260 J	340 J
Pyrene	100,000	920	610	880	3200	1400	980	1900	180 J	330 J	330 J	470
Pesticides (ug/kg)												
4,4'-DDD	3	ND	NR	NR	8.8 p	NR	NR	NR	ND	NR	NR	NR
4,4'-DDE	3	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR	NR
4,4'-DDT	3	ND	NR	NR	19	NR	NR	NR	ND	NR	NR	NR
Dieldrin	5	ND	NR	NR	7.1 J p	NR	NR	NR	ND	NR	NR	NR
Methoxychlor	NS	ND	NR	NR	8.3 p	NR	NR	NR	ND	NR	NR	NR

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-1 SUR	FP A-2 SUR	FP A-3 SUR	FP A-4 SUR	FP A-5 SUR	FP A-6 SUR	FP A-7 SUR	FP A-8 SUR	FP A-9 SUR	FP A-10 SUR	FP A-11 SUR
Sample Date		4/20/2012	4/20/2012	4/20/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012
PCBs (ug/kg)												
Aroclor 1254	NS	ND	NR	NR	220	NR	NR	NR	ND	NR	NR	NR
Aroclor 1260	NS	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR	NR
Total	100	ND	NR	NR	220	NR	NR	NR	ND	NR	NR	NR
Metals (mg/kg)												
Aluminum	NS	8190	NR	NR	10700	NR	NR	NR	3790	NR	NR	NR
Antimony	NS	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR	NR
Arsenic	13	9.3	NR	NR	4.9	NR	NR	NR	1.9	NR	NR	NR
Barium	350	76.1	NR	NR	97.8	NR	NR	NR	33.4 J	NR	NR	NR
Beryllium	7.2	0.32 J	NR	NR	0.39	NR	NR	NR	0.23 J	NR	NR	NR
Cadmium	2.5	1.1	NR	NR	0.55	NR	NR	NR	0.22 J	NR	NR	NR
Calcium	NS	14500	NR	NR	28000	NR	NR	NR	14100	NR	NR	NR
Chromium	1	21.4	NR	NR	26.8	NR	NR	NR	10.9	NR	NR	NR
Cobalt	NS	8.3 J	NR	NR	10.3	NR	NR	NR	3.7 J	NR	NR	NR
Copper	50	62.2	NR	NR	39.6	NR	NR	NR	20.9	NR	NR	NR
Iron	NS	21900	NR	NR	24500	NR	NR	NR	11800	NR	NR	NR
Lead	63	106	NR	NR	99.0	NR	NR	NR	55.5	NR	NR	NR
Magnesium	NS	4530	NR	NR	6470	NR	NR	NR	3090	NR	NR	NR
Manganese	1600	279	NR	NR	317	NR	NR	NR	216	NR	NR	NR
Nickel	30	20.6	NR	NR	23.7	NR	NR	NR	8.8	NR	NR	NR
Potassium	NS	3150	NR	NR	3960	NR	NR	NR	642 J	NR	NR	NR
Selenium	3.9	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR	NR
Silver	2	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR	NR
Sodium	NS	269 J	NR	NR	500	NR	NR	NR	ND	NR	NR	NR
Vanadium	NS	30.1	NR	NR	33.0	NR	NR	NR	14.6	NR	NR	NR
Zinc	109	139	NR	NR	131	NR	NR	NR	58.6	NR	NR	NR
Mercury	0.18	0.14	NR	NR	0.16	NR	NR	NR	0.036	NR	NR	NR
General Chemistry												
Percent Moisture - %	NS	9.2	12.3	8.2	9.7	7.3	7.3	13.9	10.7	11.4	11.7	15.8
Percent Solids - %	NS	90.8	87.7	91.8	90.3	92.7	92.7	86.1	89.3	88.6	88.3	84.2

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-12 SUR	FP A-13 SUR	FP A-14 SUR	FP A-15 SUR	FP A-15 SUR Dup	FP A-16 SUR	FP A-17 SUR	FP A-18 SUR	FP A-19 SUR	FP A-20 SUR	FP A-20 SUR Dup
Sample Date		4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/17/2012	4/17/2012	4/17/2012	4/17/2012	4/17/2012	4/18/2012
Volatile Organic Compounds (VOCs) (ug/kg)												
Acetone	50	26	52	51	30	20	5.4 J B	16 B	ND	15 B	10 J B	ND
Benzene	60	0.18 J	0.39 J	0.69 J	0.64 J	0.47 J	ND	ND	ND	0.17 J	ND	ND
Carbon disulfide	NS	1.6	1.9	3.2	0.36 J	ND	ND	ND	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	0.39 J	ND	ND	ND	ND	2.6	ND	ND
Methylene Chloride	50	0.30 J B	0.37 J B	0.38 J B	0.35 J B	0.24 J B	0.86 J B	0.70 J B	0.75 J B	0.38 J B	0.78 J B	0.30 J B
Methyl Ethyl Ketone	120	ND	3.0 J	4.6 J	ND	ND	ND	ND	ND	ND	ND	ND
Methyl isobutyl ketone (MIBK)	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	0.36 J	0.40 J	0.22 J	0.18 J	ND	0.30 J	0.36 J	0.16 J	0.19 J	0.18 J	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	20,000	100 J				ND	ND	180 J	ND	ND	ND	ND
Anthracene	100,000	190 J	200 J	ND	70 J	ND	ND	540	79 J	90 J	ND	ND
Benzo[a]anthracene	1,000	520	1100	59	320	58	49	1000	310	380	ND	ND
Benzo[a]pyrene	1,000	380	1100	36 J	380	53	54	850	320	430	ND	ND
Benzo[b]fluoranthene	1,000	460	1200	50	540	77	65	1100	390	540	ND	ND
Benzo[g,h,i]perylene	100,000	340 J	980	31 J	330 J	46 J	38 J	550	200 J	330 J	ND	ND
Benzo[k]fluoranthene	800	220	430	31 J	190	46	33 J	410	150	190	ND	ND
Bis(2-ethylhexyl) phthalate	NS	7300	360 J	390	2300	ND	ND	ND	ND	ND	ND	ND
Carbazole	NS	72 J	ND	ND	ND	ND	ND	140 J	ND	ND	ND	ND
Chrysene	1,000	550	1200	66 J	390 J	69 J	50 J	1000	310 J	400	ND	ND
Dibenz(a,h)anthracene	330	60	150	ND	75	12 J	ND	170	ND	65	ND	ND
Dibenzofuran	7,000	75 J	ND	ND	ND	ND	ND	160 J	ND	ND	ND	ND
Fluoranthene	100,000	1100	1700	110 J	500	61 J	79 J	1800	460	640	ND	ND
Fluorene	30,000	110 J	58 J	ND	ND	ND	ND	200 J	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	500	320	1000	28 J	330	38 J	41	620	220	310	ND	ND
Isophorone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70 J
2-Methylnaphthalene	NS	830	ND	ND	ND	ND	ND	58 J	ND	ND	ND	ND
Naphthalene	12,000	110 J	ND	ND	ND	ND	ND	49 J	ND	ND	ND	ND
Phenanthrene	100,000	1100	720	97 J	310 J	ND	ND	1800	300 J	340 J	ND	ND
Pyrene	100,000	810	1500	98 J	460	65 J	95 J	1800	490	720	ND	ND
Pesticides (ug/kg)												
4,4'-DDD	3	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
4,4'-DDE	3	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
4,4'-DDT	3	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Dieldrin	5	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Methoxychlor	NS	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-12 SUR	FP A-13 SUR	FP A-14 SUR	FP A-15 SUR	FP A-15 SUR Dup	FP A-16 SUR	FP A-17 SUR	FP A-18 SUR	FP A-19 SUR	FP A-20 SUR	FP A-20 SUR Dup
Sample Date		**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/17/2012**	**4/17/2012**	**4/17/2012**	**4/17/2012**	**4/17/2012**	**4/18/2012**
PCBs (ug/kg)												
Aroclor 1254	NS	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Aroclor 1260	NS	NR	NR	NR	22.00	NR	NR	NR	NR	NR	NR	NR
Total	100	NR	NR	NR	22.00	NR	NR	NR	NR	NR	NR	NR
Metals (mg/kg)												
Aluminum	NS	NR	NR	NR	5410	NR	NR	NR	NR	NR	NR	NR
Antimony	NS	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Arsenic	13	NR	NR	NR	3.6	NR	NR	NR	NR	NR	NR	NR
Barium	350	NR	NR	NR	68.3	NR	NR	NR	NR	NR	NR	NR
Beryllium	7.2	NR	NR	NR	0.25 J	NR	NR	NR	NR	NR	NR	NR
Cadmium	2.5	NR	NR	NR	0.46 J	NR	NR	NR	NR	NR	NR	NR
Calcium	NS	NR	NR	NR	6610	NR	NR	NR	NR	NR	NR	NR
Chromium	1	NR	NR	NR	14.1	NR	NR	NR	NR	NR	NR	NR
Cobalt	NS	NR	NR	NR	6.5 J	NR	NR	NR	NR	NR	NR	NR
Copper	50	NR	NR	NR	67.9	NR	NR	NR	NR	NR	NR	NR
Iron	NS	NR	NR	NR	17400	NR	NR	NR	NR	NR	NR	NR
Lead	63	NR	NR	NR	181	NR	NR	NR	NR	NR	NR	NR
Magnesium	NS	NR	NR	NR	2010	NR	NR	NR	NR	NR	NR	NR
Manganese	1600	NR	NR	NR	220	NR	NR	NR	NR	NR	NR	NR
Nickel	30	NR	NR	NR	15.9	NR	NR	NR	NR	NR	NR	NR
Potassium	NS	NR	NR	NR	753 J	NR	NR	NR	NR	NR	NR	NR
Selenium	3.9	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Silver	2	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Sodium	NS	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	NR
Vanadium	NS	NR	NR	NR	17.4	NR	NR	NR	NR	NR	NR	NR
Zinc	109	NR	NR	NR	172	NR	NR	NR	NR	NR	NR	NR
Mercury	0.18	NR	NR	NR	0.29	NR	NR	NR	NR	NR	NR	NR
General Chemistry												
Percent Moisture - %	NS	11.4	12.5	12.5	25.7	15.0	6.9	10.5	9.6	14.4	11.5	10.9
Percent Solids - %	NS	88.6	87.5	87.5	74.3	85.0	93.1	89.5	90.4	85.6	88.5	89.1

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-21 SUR		FP A-22 SUR	
Sample Date		4/17/2012		4/17/2012	
Volatile Organic Compounds (VOCs) (ug/kg)					
Acetone	50	13	B	21	B
Benzene	60	ND		0.16	J
Carbon disulfide	NS	ND		ND	
Chloroform	370	ND		ND	
Methylene Chloride	50	0.62	J B	0.74	J B
Methyl Ethyl Ketone	120	ND		ND	
Methyl isobutyl ketone (MIBK)	NS	ND		ND	
Styrene	NS	ND		ND	
Toluene	700	ND		0.17	J
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)					
Acenaphthene	20,000	ND		ND	
Anthracene	100,000	ND		61	J
Benzo[a]anthracene	1,000	130		330	
Benzo[a]pyrene	1,000	140		320	
Benzo[b]fluoranthene	1,000	190		420	
Benzo[g,h,i]perylene	100,000	110	J	240	J
Benzo[k]fluoranthene	800	69		190	
Bis(2-ethylhexyl) phthalate	NS	ND		ND	
Carbazole	NS	ND		ND	
Chrysene	1,000	140	J	380	
Dibenz(a,h)anthracene	330	ND		66	
Dibenzofuran	7,000	ND		ND	
Fluoranthene	100,000	190	J	560	
Fluorene	30,000	ND		ND	
Indeno[1,2,3-cd]pyrene	500	110		250	
Isophorone	NS	ND		ND	
2-Methylnaphthalene	NS	ND		ND	
Naphthalene	12,000	ND		ND	
Phenanthrene	100,000	62	J	310	J
Pyrene	100,000	260	J	600	
Pesticides (ug/kg)					
4,4'-DDD	3	ND		NR	
4,4'-DDE	3	ND		NR	
4,4'-DDT	3	ND		NR	
Dieldrin	5	ND		NR	
Methoxychlor	NS	ND		NR	

Table 7A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-21 SUR		FP A-22 SUR
Sample Date		4/17/2012		4/17/2012
PCBs (ug/kg)				
Aroclor 1254	NS	ND		NR
Aroclor 1260	NS	ND		NR
Total	100	ND		NR
Metals (mg/kg)				
Aluminum	NS	4220		NR
Antimony	NS	ND		NR
Arsenic	13	1.7		NR
Barium	350	42.3		NR
Beryllium	7.2	0.24	J	NR
Cadmium	2.5	0.38	J	NR
Calcium	NS	23400		NR
Chromium	1	10.4		NR
Cobalt	NS	4.3	J	NR
Copper	50	19.1		NR
Iron	NS	10900		NR
Lead	63	38.8		NR
Magnesium	NS	3280		NR
Manganese	1600	234		NR
Nickel	30	9.0		NR
Potassium	NS	858	J	NR
Selenium	3.9	ND		NR
Silver	2	ND		NR
Sodium	NS	257	J	NR
Vanadium	NS	14.0		NR
Zinc	109	59.2		NR
Mercury	0.18	0.98		NR
General Chemistry				
Percent Moisture - %	NS	8.8		11.1
Percent Solids - %	NS	91.2		88.9

Notes:

highlighted cells indicate exceedances of NYSDEC Part 375 SCOs

nd - compound was not detected at the MDL.

j - Indicates an estimated value.

b - The analyte was found in an associated blank, as well as in the sample.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit for VOCs

* - RPD of the LCS and LCSD exceeds the control limits for VOCs

* - LCS or LCSD exceeds the control limits for VOCs and SVOCs

NR - Analysis not Requested

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 7B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP-B-1 S	FP-B-2 S	FP-B-3 S	FP-B-3 S DUP	FP-B-4 S	FP-B-5 S	FP-B-6 S	FP-B-7 S	FP-B-8 S	FP-B-9 S	FP-B-10 S
Sample Date		**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**
Volatile Organic Compounds (VOCs) (ug/kg												
Acetone	50	26 B	ND	50.0 B	51 B	35 B	33 B	30 B	32 B	9.4 JB	6.3 JB	50 B
Benzene	60	ND	26 J	0.56 J	0.76 J	0.21 J	0.44 J	ND	0.22 J	ND	0.2 J	ND
Carbon disulfide	NS	0.18 J	ND	0.91 J	1.1	1.5	3	1.1	1.2	ND	ND	2.2
cis-1,2-Dichloroethene	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100	ND	ND	ND	0.22 J	ND	0.95 J	0.43 J	0.27 J	ND	ND	ND
1,2-dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	2.7 J	ND	4.3 J	5.1 J	ND	3.3 J	3.7 J	3.6 J	ND	ND	5.6 J
Methylene Chloride	50	1.1 B	ND	0.87 JB	1.5 B	0.77 JB	0.33 J	1.1	1.1	0.96 J	0.98 J	1.2
Styrene	NS	ND	ND	ND	ND	0.61 J	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	0.29 J	ND	0.24 J	0.38 J	1.9	0.79 J	0.72 J	0.43 J	ND	0.27 J	0.3 J
Total Xylenes	260	ND	ND	ND	ND	0.85 J	2.2 J	1.1 J	ND	ND	ND	ND
Vinyl Chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	20,000	340 J	2,100 J	1,300	960	120 J	2,200	9,000	6,100	190 J	220 J	1,700 J
Acenaphthylene	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	59 J	ND
Anthracene	100,000	890	10,000	260 J	230 J	150 J	2,800	6,200	7,000	280 J	150 J	3,700
Benzo(a)anthracene	1,000	2,700	7,200	380	270	430	2,700	4,600	7,000	630	460	4,400
Benzo(a)pyrene	1,000	2,000	2,900	300	200	300	1,500	2,300	3,000	490	520	2,400
Benzo(b)fluoranthene	1,000	2,800	4,200	390	270	440	2,100	3,000	4,300	660	630	3,300
Benzo(g,h,i)perylene	100,000	1,500	1,000 J	190 J	130 J	170 J	680 J	800 J	1,200 J	340 J	420	1,000 J
Benzo(k)fluoranthene	800	1,000	1,800	170	110	170	770	1,500	1,900	260	230	1,700
Bis(2-ethylhexyl)phthalate	NS	ND	ND	ND	ND	170 J	1,200	800 J	ND	210 J	140 J	ND
Carbazole	NS	590 J	6,100	300 J	270 J	54 J	1,000	3,400	4,000	170 J	68 J	1,400 J
Chrysene	1,000	2,900	7,700	540	370	620	3,200	5,100	7,500	760	560	5,300
Dibenz(a,h) anthracene	330	400	290 J	50	30 J	45	200	240	250 J	89	91	340
Dibenzofuran	700	350 J	3,500 J	1,700	1,200	ND	1,900	8,100	6,600	170 J	230 J	1,700 J
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
di-n-Butylphthalate	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	6,100	39,000	1,600	1300	1,500	12,000	22,000	38,000	1,800	1,100	17,000
Flourene	30,000	480 J	7,100	2,500	1800	180 J	4,100	12,000	14,000	350 J	310 J	3,500
Indeno(1,2,3-cd)pyrene	500	1,600	1,200	200	140	190	800	970	1,300	380	420	1,200
Isophorone	NS	2,300	5,600	ND	ND	ND	4,500	1,000 J	1,500 J	ND	ND	4,200
2-methylnaphthalene	NS	200 J	930 J	940	770	83 J	910	3,000	1,800 J	260 J	380	660 J
Napthalene	12,000	170 J	ND	530	450	160 J	1,100	1,900	1,000 J	320 J	290 J	800 J
Phenanthrene	100,000	4,000	50,000	3,700	3000	780	14,000	38,000	54,000	1,500	950	16,000
Pyrene	100,000	4,400	26,000	1,100	880	1,200	7,700	15,000	27,000	1,300	820	12,000
Total Petroleum Hydrocarbon (TPH) (ug/kg)												
Qualitative Method	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA

Table 7B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-1 S	FP-B-2 S	FP-B-3 S	FP-B-3 S DUP	FP-B-4 S	FP-B-5 S	FP-B-6 S	FP-B-7 S	FP-B-8 S	FP-B-9 S	FP-B-10 S
Sample Date		2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Pesticides (ug/kg)												
4,4'-DDD	3.3	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
4,4'-DDE	3.3	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
4,4'-DDT	3.3	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
alpha-BHC	20	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
alpha-Chlordane	94	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
gamma-Chlordane	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Dieldrin	5	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Endrin	14	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Heptachlor	42	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
PCBs (ug/kg)												
Aroclor 1254		NA	NA	49 J	48 J	NA	NA	NA	NA	ND	NA	NA
Aroclor 1260		NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Total PCBs	100	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Metals (mg/kg)												
Aluminum	NS	NA	NA	5,930	5,950	NA	NA	NA	NA	6,860	NA	NA
Arsenic	13	NA	NA	2.9	4.6	NA	NA	NA	NA	2.9	NA	NA
Barium	350	NA	NA	77.9	90.8	NA	NA	NA	NA	54.7	NA	NA
Beryllium	7.2	NA	NA	0.29	0.39 J	NA	NA	NA	NA	0.3 J	NA	NA
Cadmium	2.5	NA	NA	0.39	0.51 J	NA	NA	NA	NA	0.29 J	NA	NA
Calcium	NS	NA	NA	4530	3,390	NA	NA	NA	NA	4,890	NA	NA
Chromium	30	NA	NA	15.9	30.1	NA	NA	NA	NA	28	NA	NA
Cobalt	NS	NA	NA	5.9	6.9 J	NA	NA	NA	NA	6.9 J	NA	NA
Copper	50	NA	NA	84	87	NA	NA	NA	NA	59.8	NA	NA
Iron	NS	NA	NA	17,400	23,200	NA	NA	NA	NA	30,900	NA	NA
Lead	63	NA	NA	124	112	NA	NA	NA	NA	67.1	NA	NA
Magnesium	NS	NA	NA	2,390	1,990	NA	NA	NA	NA	2,320	NA	NA
Manganese	1,600	NA	NA	314	490	NA	NA	NA	NA	383	NA	NA
Mercury	0.18	NA	NA	0.16	0.15	NA	NA	NA	NA	0.18	NA	NA
Nickel	30	NA	NA	11.9	14.1	NA	NA	NA	NA	24.2	NA	NA
Potassium	NS	NA	NA	942	853 J	NA	NA	NA	NA	1290	NA	NA
Selenium	3.9	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Silver	2	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Sodium	NS	NA	NA	ND	ND	NA	NA	NA	NA	309 J	NA	NA
Thallium	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Vanadium	NS	NA	NA	25.5	24.8	NA	NA	NA	NA	26.4	NA	NA
Zinc	109	NA	NA	102	95.1	NA	NA	NA	NA	89.3	NA	NA

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 7B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP-B-11 S	FP-B-12 S	FP-B-13 S	FB-B-14 S	FB-B-15 S	FB-B-16 S	FP-B-17 S	FB-B-18 S	FP-B-19 S	FP-B-20 S
Sample Date		**2/14/2012**	**2/14/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16 - 17/2012**	**2/15/2012**	**2/16/2012**	**2/15/2012**	**2/15/2012**
Volatile Organic Compounds (VOCs) (ug/kg											
Acetone	50	27 B	19 B	21	28	4.2 J	4.0 J	3.7 JB	9.4 J	7 JB	28 B
Benzene	60	0.28 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NS	2.6	0.56 J	0.26 J	0.85 J	ND	ND	ND	ND	ND	1.2
cis-1,2-Dichloroethene	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24 J
1,2-dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	ND	ND	2.6 J	3.8 J	ND	ND	ND	ND	ND	4.1 J
Methylene Chloride	50	1.1 B	1.1	0.38 JB	0.28 JB	0.22 JB	ND	0.25 JB	0.25 JB	0.28 JB	0.47 JB
Styrene	NS	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	0.13 J	ND	ND	ND
Toluene	700	0.61 J	0.24 J	0.15 J	0.28 J	0.17 J	ND	0.18 J	ND	1.4 JB	3.8
Total Xylenes	260	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6 J
Vinyl Chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	20,000	2,000	1,500	120	320 J	140 J	71 J	120 J	100 J	210 J	1,400
Acenaphthylene	100,000	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND
Anthracene	100,000	4,800	2,700	130 J	720	ND	ND	290 J	250 J	450	1,800
Benzo(a)anthracene	1,000	2,100	2,100	520	880	160	340	1,000	260	620	1,600
Benzo(a)pyrene	1,000	870	1,000	450	460	130	330	1,000	230	340	940
Benzo(b)fluoranthene	1,000	1,300	1,600	590	730	180	370	1,100	420	650	1,200
Benzo(g,h,i)perylene	100,000	320 J	680 J	380	310 J	67 J	270 J	870	260 J	210 J	610 J
Benzo(k)fluoranthene	800	660	680	230	380	75	140	450	140	250	580
Bis(2-ethylhexyl)phthalate	NS	ND	580 J	ND	140 J	ND	ND	190 J	ND	ND	ND
Carbazole	NS	2,200	1,400	61 J	270 J	ND	ND	170 J	94 J	150 J	670 J
Chrysene	1,000	2,900	2,300	520	1,000	190 J	340 J	1,200	360	950	1,800
Dibenz(a,h) anthracene	330	ND	180	78	52	11 J	63	210	41	ND	150
Dibenzofuran	700	2,700	1,700	79 J	380	ND	ND	77 J	160 J	300 J	1,500
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
di-n-Butylphthalate	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	11,000	8,400	970	2,700	390	610	2,300	1,100	2,700	6,200
Flourene	30,000	3,900	2,300	120 J	430	50 J	ND	150 J	210 J	540	2,800
Indeno(1,2,3-cd)pyrene	500	350	750	400	300	62	270	820	220	220	670
Isophorone	NS	4,200	3,100	730	8,100	ND	ND	180 J	50 J	ND	1,900
2-methylnaphthalene	NS	890 J	3,900	52 J	140 J	ND	ND	ND	ND	ND	550 J
Napthalene	12,000	590 J	510 J	ND	59 J	ND	ND	59 J	ND	ND	120 J
Phenanthrene	100,000	19,000	11,000	870	3,500	350 J	370 J	1,600	1,400	2,800	9,600
Pyrene	100,000	7,500	5,200	890	2,100	370	670	1,800	970	1,800	4,300
Total Petroleum Hydrocarbon (TPH) (ug/kg)											
Qualitative Method	NS	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA

Table 7B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP-B-11 S	FP-B-12 S	FP-B-13 S	FB-B-14 S	FB-B-15 S	FB-B-16 S	FP-B-17 S	FB-B-18 S	FP-B-19 S	FP-B-20 S
Sample Date		**2/14/2012**	**2/14/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16 - 17/2012**	**2/15/2012**	**2/16/2012**	**2/15/2012**	**2/15/2012**
Pesticides (ug/kg)											
4,4'-DDD	3.3	NA	NA	NA	NA	NA	ND	13	NA	NA	NA
4,4'-DDE	3.3	NA	NA	NA	NA	NA	ND	28	NA	NA	NA
4,4'-DDT	3.3	NA	NA	NA	NA	NA	6.5 J	89	NA	NA	NA
alpha-BHC	20	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
alpha-Chlordane	94	NA	NA	NA	NA	NA	ND	14 p	NA	NA	NA
gamma-Chlordane	NS	NA	NA	NA	NA	NA	ND	15	NA	NA	NA
Dieldrin	5	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Endrin	14	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Heptachlor	42	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
PCBs (ug/kg)											
Aroclor 1254		NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Aroclor 1260		NA	NA	NA	NA	NA	16 Jp	ND	NA	NA	NA
Total PCBs	100	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Metals (mg/kg)											
Aluminum	NS	NA	NA	NA	NA	NA	8,990	7,810	NA	NA	NA
Arsenic	13	NA	NA	NA	NA	NA	6.3	5.5	NA	NA	NA
Barium	350	NA	NA	NA	NA	NA	104	425	NA	NA	NA
Beryllium	7.2	NA	NA	NA	NA	NA	0.36 J	0.44	NA	NA	NA
Cadmium	2.5	NA	NA	NA	NA	NA	0.53 J	0.81 J	NA	NA	NA
Calcium	NS	NA	NA	NA	NA	NA	10800	21000	NA	NA	NA
Chromium	30	NA	NA	NA	NA	NA	21.1	23.7	NA	NA	NA
Cobalt	NS	NA	NA	NA	NA	NA	7.3 J	6.6 J	NA	NA	NA
Copper	50	NA	NA	NA	NA	NA	154	73.7	NA	NA	NA
Iron	NS	NA	NA	NA	NA	NA	21,900	21,900	NA	NA	NA
Lead	63	NA	NA	NA	NA	NA	254	274	NA	NA	NA
Magnesium	NS	NA	NA	NA	NA	NA	2,570	3,010	NA	NA	NA
Manganese	1,600	NA	NA	NA	NA	NA	310	317	NA	NA	NA
Mercury	0.18	NA	NA	NA	NA	NA	0.29	0.44	NA	NA	NA
Nickel	30	NA	NA	NA	NA	NA	15.5	15.3	NA	NA	NA
Potassium	NS	NA	NA	NA	NA	NA	947 J	960 J	NA	NA	NA
Selenium	3.9	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Silver	2	NA	NA	NA	NA	NA	.3 J	ND	NA	NA	NA
Sodium	NS	NA	NA	NA	NA	NA	219 J	364 J	NA	NA	NA
Thallium	NS	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Vanadium	NS	NA	NA	NA	NA	NA	25.9	30.4	NA	NA	NA
Zinc	109	NA	NA	NA	NA	NA	274	369	NA	NA	NA

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-1 (5.5-6.0)	FP A-2 (4.5-5.0)	FP A-3 (4.0-4.5)	FP A-4 (4.0 4.5)	FP A-5 (3.0-3.5)	FP A-6 (3.5-4.0)	FP A-7 (4.0-4.5)	FP A-8 (4.0-4.5)	FP A-9 (3.5-4.0)	FP A-10 (4.0-5.0)
Sample Date		**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/23/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/23/2012**
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	42 B	32 B	ND	29 B	45 B	36 B	30 B	44 B	48 B	29 B
Benzene	60	ND	0.30 J	ND	ND	ND	6.4	ND	0.29 J	17	0.23 J
Carbon disulfide	NS	0.49 J	0.33 J	ND	ND	ND	1.2	ND	0.36 J	0.40 J	ND
Chloroform	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	84000	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.24 J B	ND	ND	0.30 J B	ND	0.96 J B	0.36 J B	0.25 J B	ND	0.25 J B
Methyl Ethyl Ketone	120	3.7 J	3.0 J	ND	ND	4.3 J	3.7 J	2.0 J	3.3 J	3.5 J	3.2 J
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	160 J	ND	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	38000	ND	0.21 J	0.24 J	ND	ND	0.20 J	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	260	ND	ND	510000	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	20,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100,000	58 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	1,000	260	ND	110	ND	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	1,000	240	ND	88	ND	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	1,000	250	ND	110	ND	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	100,000	120 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	800	140	ND	51	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	ND	ND	ND	170 J	ND	ND	ND
Carbazole	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	1,000	270 J	ND	120 J	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	500	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	30,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	500	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100,000	340 J	ND	200 J	ND	ND	ND	ND	ND	ND	ND
Pyrene	100,000	540	ND	220 J	ND	55 J	ND	ND	ND	ND	ND
Pesticides (ug/kg)											
4,4'-DDD	3	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
4,4'-DDE	3	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
4,4'-DDT	3	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-1 (5.5-6.0)	FP A-2 (4.5-5.0)	FP A-3 (4.0-4.5)	FP A-4 (4.0 4.5)	FP A-5 (3.0-3.5)	FP A-6 (3.5-4.0)	FP A-7 (4.0-4.5)	FP A-8 (4.0-4.5)	FP A-9 (3.5-4.0)	FP A-10 (4.0-5.0)
Sample Date		**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/23/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/23/2012**
PCBs (ug/kg)											
Aroclor 1254	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Aroclor 1260	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Total	100	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Metals (mg/kg)											
Aluminum	NS	NR	NR	9230	NR	NR	NR	NR	9520	NR	NR
Antimony	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Arsenic	13	NR	NR	3.8	NR	NR	NR	NR	3.3	NR	NR
Barium	350	NR	NR	49.0	NR	NR	NR	NR	54.2	NR	NR
Beryllium	7.2	NR	NR	0.42 J	NR	NR	NR	NR	0.45	NR	NR
Cadmium	2.5	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Calcium	NS	NR	NR	3310	NR	NR	NR	NR	3270	NR	NR
Chromium	1	NR	NR	17.8	NR	NR	NR	NR	21.8	NR	NR
Cobalt	NS	NR	NR	7.1 J	NR	NR	NR	NR	8.2 J	NR	NR
Copper	50	NR	NR	19.8	NR	NR	NR	NR	24.5	NR	NR
Iron	NS	NR	NR	22200	NR	NR	NR	NR	25100	NR	NR
Lead	63	NR	NR	26.4	NR	NR	NR	NR	22.5	NR	NR
Magnesium	NS	NR	NR	2270	NR	NR	NR	NR	2420	NR	NR
Manganese	1600	NR	NR	352	NR	NR	NR	NR	412	NR	NR
Nickel	30	NR	NR	12.9	NR	NR	NR	NR	14.3	NR	NR
Potassium	NS	NR	NR	951 J	NR	NR	NR	NR	939 J	NR	NR
Selenium	3.9	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Silver	2	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Sodium	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Vanadium	NS	NR	NR	24.4	NR	NR	NR	NR	31.8	NR	NR
Zinc	109	NR	NR	71.9	NR	NR	NR	NR	33.9	NR	NR
Mercury	0.18	NR	NR	0.079	NR	NR	NR	NR	0.033 J	NR	NR
General Chemistry											
Percent Moisture - %	NS	17.9	23.3	18.9	16.1	23.9	19.7	17.5	18.1	18.6	18.0
Percent Solids - %	NS	82.1	76.7	81.1	83.9	76.1	80.3	82.5	81.9	81.4	82.0

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
J - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-11 (3.5-4.0)	FP A-12 (4-4.5)	FP A-13 (4.0-4.5)	FP A-13 (4.0-4.5)Dup	FP A-14 (5.0-5.5)	FP A-15 (4.0-4.5)	FP A-16 (3.5-4.0)	FPA 17 (2.5-3.0)	FP A-18 (4.0-4.5)	FP A-19 (4.5-5.0)
Sample Date		4/23/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/19/2012	4/18/2012	4/17/2012	4/19/2012
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	36 B	24	24	32	47	55		4.5 J	18 B	21
Benzene	60	0.47 J	7.0	0.51 J	4.0	2.3	0.24 J	ND	0.29 J	ND	ND
Carbon disulfide	NS	0.36 J	2.2	0.68 J	0.89 J	1.6	0.72 J	0.30 J	0.23 J	0.89 J	0.42 J
Chloroform	370	ND	ND	ND	ND	ND	ND	8.2	ND	ND	0.30 J
Ethylbenzene	1,000	ND	0.23 J	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.36 J B	0.38 J B	0.57 J B	0.34 J B	0.35 J B	0.43 J B	0.89 J B	0.23 J B	0.78 J B	0.37 J B
Methyl Ethyl Ketone	120	3.3 J	3.8 J	3.4 J	3.3 J	4.3 J	9.2 J	ND	ND	ND	2.2 J
Styrene	NS	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND
Toluene	700	ND	0.78 J	ND	0.20 J	ND	ND	0.22 J	ND	0.17 J	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND
Xylenes, Total	260	ND	1.3 J	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	20,000	ND	ND	ND	ND	ND	ND	2000 J	ND	ND	ND
Acenaphthylene	100,000	ND	ND	ND	ND	ND	ND	400 J	ND	ND	ND
Anthracene	100,000	ND	ND	ND	ND	ND	ND	4200	110 J	ND	ND
Benzo[a]anthracene	1,000	51	190	20 J	82	ND	ND	14000	560	ND	91
Benzo[a]pyrene	1,000	41	200	11 J	67	ND	ND	15000	610	ND	91
Benzo[b]fluoranthene	1,000	62	180	15 J	83	ND	ND	16000	690	ND	120
Benzo[g,h,i]perylene	100,000	42 J	140 J	ND	59 J	ND	ND	9400	650	ND	ND
Benzo[k]fluoranthene	800	27 J	80	ND	41	ND	ND	6700	310	ND	39 J
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	ND	140 J	ND	2200	710	ND	ND
Carbazole	NS	ND	ND	ND	ND	ND	ND	800 J	ND	ND	ND
Chrysene	1,000	51 J	210 J	ND	97 J	ND	ND	15000	620	ND	100 J
Dibenz(a,h)anthracene	330	ND	19 J	ND	8.9 J	ND	ND	2300	85	ND	ND
Dibenzofuran	7,000	ND	ND	ND	ND	ND	ND	1500 J	ND	ND	ND
Fluoranthene	100,000	120 J	200 J	ND	130 J	ND	ND	25000	720	ND	160 J
Fluorene	30,000	ND	ND	ND	ND	ND	ND	2000 J	ND	ND	ND
Indeno[1,2,3-cd]pyrene	500	36 J	100	ND	49	ND	ND	9600	590	ND	ND
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	ND	460 J	ND	ND	ND
Naphthalene	12,000	ND	150 J	ND	ND	ND	ND	720 J	50 J	ND	ND
Phenanthrene	100,000	97 J	120 J	ND	100 J	ND	110 J	22000	470	ND	78 J
Pyrene	100,000	120 J	250 J	ND	140 J	ND	ND	30000	680	35 J	170 J
Pesticides (ug/kg)											
4,4'-DDD	3	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
4,4'-DDE	3	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
4,4'-DDT	3	NR	NR	ND	5.9 J	NR	NR	NR	NR	NR	NR

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-11 (3.5-4.0)	FP A-12 (4-4.5)	FP A-13 (4.0-4.5)	FP A-13 (4.0-4.5)Dup	FP A-14 (5.0-5.5)	FP A-15 (4.0-4.5)	FP A-16 (3.5-4.0)	FPA 17 (2.5-3.0)	FP A-18 (4.0-4.5)	FP A-19 (4.5-5.0)
Sample Date		**4/23/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/19/2012**	**4/18/2012**	**4/17/2012**	**4/19/2012**
PCBs (ug/kg)											
Aroclor 1254	NS	NR	NR	ND	110	NR	NR	NR	NR	NR	NR
Aroclor 1260	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Total	100	NR	NR	ND	110	NR	NR	NR	NR	NR	NR
Metals (mg/kg)											
Aluminum	NS	NR	NR	5660	6330	NR	NR	NR	NR	NR	NR
Antimony	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Arsenic	13	NR	NR	2.3	2.1	NR	NR	NR	NR	NR	NR
Barium	350	NR	NR	32.6 J	50.7	NR	NR	NR	NR	NR	NR
Beryllium	7.2	NR	NR	0.35 J	0.35 J	NR	NR	NR	NR	NR	NR
Cadmium	2.5	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Calcium	NS	NR	NR	1430	3270	NR	NR	NR	NR	NR	NR
Chromium	1	NR	NR	15.4	16.6	NR	NR	NR	NR	NR	NR
Cobalt	NS	NR	NR	6 J	7.1 J	NR	NR	NR	NR	NR	NR
Copper	50	NR	NR	16.6	30.9	NR	NR	NR	NR	NR	NR
Iron	NS	NR	NR	17200	19200	NR	NR	NR	NR	NR	NR
Lead	63	NR	NR	17.2	77.3	NR	NR	NR	NR	NR	NR
Magnesium	NS	NR	NR	1780	1940	NR	NR	NR	NR	NR	NR
Manganese	1600	NR	NR	362	358	NR	NR	NR	NR	NR	NR
Nickel	30	NR	NR	10.8	13.3	NR	NR	NR	NR	NR	NR
Potassium	NS	NR	NR	731 J	977 J	NR	NR	NR	NR	NR	NR
Selenium	3.9	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Silver	2	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Sodium	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Vanadium	NS	NR	NR	22.1	24.7	NR	NR	NR	NR	NR	NR
Zinc	109	NR	NR	26.9	60	NR	NR	NR	NR	NR	NR
Mercury	0.18	NR	NR	ND	0.22	NR	NR	NR	NR	NR	NR
General Chemistry											
Percent Moisture - %	NS	18.9	21.0	15.4	19.0	13.3	22.8	21.8	18.7	15.8	21.1
Percent Solids - %	NS	81.1	79.0	84.6	81.0	86.7	77.2	78.2	81.3	84.2	78.9

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
J - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP A-20 (2.5-3.0)		FP A-21 (4.5-5.0)		FP A-22 (3.5-4.0)	
Sample Date		4/19/2012		4/19/2012		4/19/2012	
Volatile Organic Compounds (VOCs) (ug/kg)							
Acetone	50	31		29		34	
Benzene	60	2.7		0.54	J	0.32	J
Carbon disulfide	NS	0.95	J	5.0		2.3	
Chloroform	370	ND		ND		ND	
Ethylbenzene	1,000	ND		ND		ND	
Methylene Chloride	50	0.28	J B	1.6	B	ND	
Methyl Ethyl Ketone	120	3.6	J	3.6	J	4.5	J
Styrene	NS	ND		ND		ND	
Tetrachloroethene	1,300	ND		ND		ND	
Toluene	700	0.62	J	0.28	J	0.24	J
Trichloroethene	470	ND		ND		ND	
Xylenes, Total	260	ND		ND		ND	
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)							
Acenaphthene	20,000	100	J	1300	J	940	J
Acenaphthylene	100,000	ND		ND		420	J
Anthracene	100,000	270	J	4100		3000	
Benzo[a]anthracene	1,000	900		11000		12000	
Benzo[a]pyrene	1,000	1000		11000		11000	
Benzo[b]fluoranthene	1,000	1100		12000		11000	
Benzo[g,h,i]perylene	100,000	540		7100		7500	
Benzo[k]fluoranthene	800	520		5600		4200	
Bis(2-ethylhexyl) phthalate	NS	ND		ND		ND	
Carbazole	NS	65	J	1100	J	630	J
Chrysene	1,000	900		12000		12000	
Dibenz(a,h)anthracene	330	170		1700		1800	
Dibenzofuran	7,000	74	J	1200	J	550	J
Fluoranthene	100,000	1600		20000		16000	
Fluorene	30,000	110	J	1700	J	1100	J
Indeno[1,2,3-cd]pyrene	500	620		7000		6800	
2-Methylnaphthalene	NS	ND		350	J	ND	
Naphthalene	12,000	53	J	580	J	350	J
Phenanthrene	100,000	1200		17000		15000	
Pyrene	100,000	2000		28000		27000	
Pesticides (ug/kg)							
4,4'-DDD	3	NR		11	p	NR	
4,4'-DDE	3	NR		6.9	J	NR	
4,4'-DDT	3	NR		13		NR	

Table 8A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-20 (2.5-3.0)	FP A-21 (4.5-5.0)		FP A-22 (3.5-4.0)
Sample Date		**4/19/2012**	**4/19/2012**		**4/19/2012**
PCBs (ug/kg)					
Aroclor 1254	NS	NR	62	J	NR
Aroclor 1260	NS	NR	61	J	NR
Total	100	NR	123		NR
Metals (mg/kg)					
Aluminum	NS	NR	4990		NR
Antimony	NS	NR	1.6	J	NR
Arsenic	13	NR	9.9		NR
Barium	350	NR	1280		NR
Beryllium	7.2	NR	0.33	J	NR
Cadmium	2.5	NR	1.6		NR
Calcium	NS	NR	54400		NR
Chromium	1	NR	50.3		NR
Cobalt	NS	NR	6.7	J	NR
Copper	50	NR	444		NR
Iron	NS	NR	24200		NR
Lead	63	NR	823		NR
Magnesium	NS	NR	4460		NR
Manganese	1600	NR	285		NR
Nickel	30	NR	39.2		NR
Potassium	NS	NR	975	J	NR
Selenium	3.9	NR	1.8	J	NR
Silver	2	NR	0.26	J	NR
Sodium	NS	NR	540	J	NR
Vanadium	NS	NR	28.8		NR
Zinc	109	NR	1370		NR
Mercury	0.18	NR	1.2		NR
General Chemistry					
Percent Moisture - %	NS	20.9	13.6		26.4
Percent Solids - %	NS	79.1	86.4		73.6

Notes:

highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reportec
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 8B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP-B-1 2'	FP-B-2 3'	FP-B-3 3'	FP-B-4 3'	FP-B-5 5'	FP-B-6 3.5'	FP-B-7 3.75'	FP-B-8 2'	FP-B-9 4'	FP-B-10 5.5'	FP-B-11 3.5'
Sample Date		**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/15/2012**	**2/14/2012**
Volatile Organic Compounds (VOCs) (ug/kg)												
Acetone	50	11 JB	21 B	26 B	36 B	16 B	23 B	23 B	18 B	33 B	32 B	ND
Benzene	60	ND	2.1	2.8	1.4	1.5	1.2	2.7	0.4 J	3.2	10	180
Carbon disulfide	NS	ND	0.37 J	0.34 J	0.5 J	0.17 J	0.35 J	0.39 J	ND	0.46 J	0.54 J	ND
cis-1,2-Dichloroethene	250	ND	ND	0.41 J	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100	ND	2	0.43 J	0.22 J	ND	1.6	0.87 J	ND	1.9	16	1300
1,2-dichloroethene	NS	ND	ND	0.41 j	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	1.8 J	ND	ND	6.1 J	ND	ND	ND	ND	4.8 J	4.7 J	ND
Methylene Chloride	50	ND	0.8 JB	ND	0.39 J	0.37 JB	0.45 J	1.3	0.28 J	0.29 J	0.27 JB	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7 J	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	ND	0.77 J	0.34 J	ND	0.21 J	0.43 J	0.52 J	ND	0.23 J	12	47 J
Total Xylenes	260	ND	4.8	1.4 J	ND	ND	3 J	1.2 J	ND	3.3 J	38	1600
Vinyl Chloride	20	ND	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	20,000	160 J	3,600	310 J	400 J	350 J	2,100	970	610 J	540	390 J	17,000
Acenaphthylene	100,000	74 J	ND	ND	91 J	ND	ND	220 J	300 J	90 J	ND	ND
Anthracene	100,000	380 J	3,800	340 J	570	560	1,800	1,500	2,200	700	290 J	14,000
Benzo(a)anthracene	1,000	1,400	7,200	830	1,600	1,100	1,400	3,600	6,000	1,700	270	14,000
Benzo(a)pyrene	1,000	1,400	5,800	700	1,600	830	910	3,300	5,800	1,600	140	7,400
Benzo(b)fluoranthene	1,000	1,500	6,300	730	1,800	900	1,100	3,400	5,600	1,600	190	10,000
Benzo(g,h,i)perylene	100,000	1,200	3,900	510	1,400	420	470 J	2,700	5,300	1,000	53 J	3,400 J
Benzo(k)fluoranthene	800	600	3,000	350	760	410	420	1,600	2,800	740	95	3,900
Bis(2-ethylhexyl)phthalate	NS	420 J	ND	150 J	ND	200 J	ND	ND	ND	610	ND	ND
Carbazole	NS	110 J	1,600 J	110 J	150 J	180 J	1,300	580 J	690 J	410	210 J	4,300
Chrysene	1,000	1,600	8,200	950	1,900	1,200	1,500	3,700	6,500	1,800	290 J	15,000
Dibenz(a,h) anthracene	330	260	1,100	150	320	120	110	630	1,300	280	ND	790
Dibenzofuran	700	99 J	3,100	310 J	180 J	180 J	2,200	780 J	490 J	430	400	14,000
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	100 J	ND
di-n-Butylphthalate	NS	200 J	ND	ND	ND	ND	ND	610 J	ND	ND	ND	ND
Fluoranthene	100,000	2,800	19,000	2,500	3,500	2,600	5,000	8,700	13,000	3,500	1400	55,000
Flourene	30,000	230 J	6,900	640	580	410	3,900	1,700	1,100	790	650	30,000
Indeno(1,2,3-cd)pyrene	500	1,200	4,200	550	1,400	500	530	2,700	5,100	1,000	64	3,800
Isophorone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	NS	110 J	3,000	260 J	160 J	170 J	1,400	920	370 J	780	370 J	11,000
Napthalene	12,000	140 J	2,600	370 J	320 J	350 J	4,900	2,400	560 J	1,500	750	13,000
Phenanthrene	100,000	1,500	22,000	2,600	2,200	2,100	9,000	7,400	7,600	3,200	2400	83,000
Pyrene	100,000	2,300	14,000	1,700	2,900	1,900	3,500	6,600	9,300	2,700	980	40,000
Total Petroleum Hydrocarbons (TPH) (ug/kg)												
Qualitative Method	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND

Table 8B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-1 2'	FP-B-2 3'	FP-B-3 3'	FP-B-4 3'	FP-B-5 5'	FP-B-6 3.5'	FP-B-7 3.75'	FP-B-8 2'	FP-B-9 4'	FP-B-10 5.5'	FP-B-11 3.5'
Sample Date		2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/15/2012	2/14/2012
Pesticides (ug/kg)												
4,4'-DDD	3.3	NA	11	NA	NA	NA	NA	NA	NA	NA	NA	ND
4,4'-DDE	3.3	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
4,4'-DDT	3.3	NA	61	NA	NA	NA	NA	NA	NA	NA	NA	4.4 Jp
alpha-BHC	20	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
alpha-Chlordane	94	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
gamma-Chlordane	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	5.5 Jp
Dieldrin	5	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Endrin	14	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Heptachlor	42	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
PCBs (ug/kg)												
Aroclor 1254		NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Aroclor 1260		NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Total PCBs	100	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Metals (mg/kg)												
Aluminum	NS	NA	4,860	NA	NA	NA	NA	NA	NA	NA	NA	7,090
Arsenic	13	NA	4.9	NA	NA	NA	NA	NA	NA	NA	NA	4.7
Barium	350	NA	70.5	NA	NA	NA	NA	NA	NA	NA	NA	77.8
Beryllium	7.2	NA	0.28 J	NA	NA	NA	NA	NA	NA	NA	NA	0.33 J
Cadmium	2.5	NA	0.4 J	NA	NA	NA	NA	NA	NA	NA	NA	0.49 J
Calcium	NS	NA	38,900	NA	NA	NA	NA	NA	NA	NA	NA	9,070
Chromium	30	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	18.6
Cobalt	NS	NA	5 J	NA	NA	NA	NA	NA	NA	NA	NA	6.0 J
Copper	50	NA	26.9	NA	NA	NA	NA	NA	NA	NA	NA	38
Iron	NS	NA	12,600	NA	NA	NA	NA	NA	NA	NA	NA	17,900
Lead	63	NA	105	NA	NA	NA	NA	NA	NA	NA	NA	158
Magnesium	NS	NA	5,460	NA	NA	NA	NA	NA	NA	NA	NA	2,480
Manganese	1,600	NA	307	NA	NA	NA	NA	NA	NA	NA	NA	293
Mercury	0.18	NA	0.11	NA	NA	NA	NA	NA	NA	NA	NA	0.340
Nickel	30	NA	18.4	NA	NA	NA	NA	NA	NA	NA	NA	15.3
Potassium	NS	NA	702 J	NA	NA	NA	NA	NA	NA	NA	NA	839 J
Selenium	3.9	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Silver	2	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Sodium	NS	NA	241 J	NA	NA	NA	NA	NA	NA	NA	NA	204 J
Thallium	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Vanadium	NS	NA	22.2	NA	NA	NA	NA	NA	NA	NA	NA	31.9
Zinc	109	NA	113	NA	NA	NA	NA	NA	NA	NA	NA	151

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 8B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unre-stricted Use SCO	FP-B-12 3.5'	FB-B-13 3'	FB-B-13 3' Dup	FB-B-14 4'	FB-B-15 3'	FB-B-16 4.5'	FP-B-17 4.5'	FB-B- 18 4.5'	FP-B-19 3.5'	FP-B-20 4.5'
Sample Date		**2/14/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/15/2012**	**2/16/2012**	**2/15/2012**	**2/15/2012**
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	22 B	31 B	33 B	16	18	19	97 B	13	8.1 JB	22 B
Benzene	60	ND	1.1	1.7	0.28 J	0.39 J	ND	ND	ND	0.21 J	0.25 J
Carbon disulfide	NS	0.26 J	0.45 J	0.54 J	ND	0.27 J	ND	0.97 J	0.35 J	ND	0.40 J
cis-1,2-Dichloroethene	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100	ND	3.7	3.1	0.44 J	0.28 J	ND	ND	ND	ND	0.35 J
1,2-dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	3.4 J	6.5 J	6.0 J	2.3 JB	3.0 JB	2.4 J	7.8 J	1.6 J	ND	ND J
Methylene Chloride	50	0.46 J	ND	ND	0.35 JB	0.28 JB	0.2 JB	0.35 JB	0.41 JB	0.40 JB	0.31 JB
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	0.17 J	0.52 J	0.72 J	0.19 J	0.17 J	0.19 J	0.29 J	ND	ND	0.36 J
Total Xylenes	260	ND	5.1	6.8	ND	ND	ND	ND	ND	ND	1.2 J
Vinyl Chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	20,000	250 J	830	1,000	ND	790	ND	ND	140 J	390 J	410 J
Acenaphthylene	100,000	55 J	ND	120 J	ND	ND	ND	ND	ND	110 J	ND
Anthracene	100,000	410	1,000	2,300	ND	420	ND	ND	340 J	1,200	310 J
Benzo(a)anthracene	1,000	1,500	810	1,300	ND	1,100	65	93	850	3,500	1,000
Benzo(a)pyrene	1,000	1,400	330	570	ND	1,000	43	67	720	3,400	840
Benzo(b)fluoranthene	1,000	1,700	550	900	ND	1,000	47	71	800	3,700	990
Benzo(g,h,i)perylene	100,000	1,100	240 J	420 J	ND	690	ND	ND	360 J	2,400	540
Benzo(k)fluoranthene	800	670	220	350	ND	430	20 J	38 J	330	1,400	400
Bis(2-ethylhexyl)phthalate	NS	ND	ND	ND	ND	ND	ND	1,000	ND	ND	ND
Carbazole	NS	88 J	180 J	170 J	ND	150 J	ND	ND	55 J	470	60 J
Chrysene	1,000	1,800	870	1,600	ND	1,100	53 J	100 J	890	3,700	1,100
Dibenz(a,h) anthracene	330	300	49	83	ND	140	ND	ND	76	540	120
Dibenzofuran	700	110 J	680	880	ND	87 J	ND	ND	ND	290 J	170 J
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
di-n-Butylphthalate	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	3,300	4,300	6,700	ND	2,100	110 J	200 J	1,700	6,600	2,800
Flourene	30,000	430	1,900	2,600	ND	1,000	ND	ND	120 J	460	460
Indeno(1,2,3-cd)pyrene	500	1,100	240	420	ND	670	17 J	ND	360	2,300	570
Isophorone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	NS	100 J	1,200	2,100	62 J	170 J	ND	ND	ND	130 J	84 J
Napthalene	12,000	100 J	140 J	260 J	ND	1,200	ND	ND	ND	180 J	240 J
Phenanthrene	100,000	2,200	6,800	9,700	90 J	2,800	89 J	170 J	1,200	4,700	2,000
Pyrene	100,000	2,500	3,200	4,800	ND	2,200	120 J	160 J	1,800	6,300	2,000
Total Petroleum Hydrocarbons (TPH) (ug/kg)											
Qualitative Method	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND

Table 8B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - UNRESTRICTED USE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-12 3.5'	FB-B-13 3'	FB-B-13 3' Dup	FB-B-14 4'	FB-B-15 3'	FB-B-16 4.5'	FP-B-17 4.5'	FB-B- 18 4.5'	FP-B-19 3.5'	FP-B-20 4.5'
Sample Date		**2/14/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/16/2012**	**2/15/2012**	**2/16/2012**	**2/15/2012**	**2/15/2012**
Pesticides (ug/kg)											
4,4'-DDD	3.3	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
4,4'-DDE	3.3	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
4,4'-DDT	3.3	NA	ND	ND	NA	NA	NA	NA	NA	NA	8.4 J
alpha-BHC	20	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
alpha-Chlordane	94	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
gamma-Chlordane	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Dieldrin	5	NA	ND	ND	NA	NA	NA	NA	NA	NA	4.3 Jp
Endrin	14	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Heptachlor	42	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
PCBs (ug/kg)											
Aroclor 1254		NA	ND	ND	NA	NA	NA	NA	NA	NA	72 J
Aroclor 1260		NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Total PCBs	100	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Metals (mg/kg)											
Aluminum	NS	NA	6,400	7,460	NA	NA	NA	NA	NA	NA	6,510
Arsenic	13	NA	3.9	5.4	NA	NA	NA	NA	NA	NA	8.5
Barium	350	NA	194	306	NA	NA	NA	NA	NA	NA	101
Beryllium	7.2	NA	0.39 J	0.38 J	NA	NA	NA	NA	NA	NA	0.42 J
Cadmium	2.5	NA	0.36 J	0.56 J	NA	NA	NA	NA	NA	NA	0.18 J
Calcium	NS	NA	3970	5930	NA	NA	NA	NA	NA	NA	17800
Chromium	30	NA	18.8	22.2	NA	NA	NA	NA	NA	NA	15.5
Cobalt	NS	NA	6.7 J	7.5 J	NA	NA	NA	NA	NA	NA	6.9 J
Copper	50	NA	62.9	102	NA	NA	NA	NA	NA	NA	45.0
Iron	NS	NA	18,100	19,200	NA	NA	NA	NA	NA	NA	18,200
Lead	63	NA	188	256	NA	NA	NA	NA	NA	NA	257
Magnesium	NS	NA	2,020	2,770	NA	NA	NA	NA	NA	NA	1,950
Manganese	1,600	NA	317	296	NA	NA	NA	NA	NA	NA	255
Mercury	0.18	NA	0.19	0.19	NA	NA	NA	NA	NA	NA	ND
Nickel	30	NA	15.3	19.0	NA	NA	NA	NA	NA	NA	14.9
Potassium	NS	NA	890 J	1440	NA	NA	NA	NA	NA	NA	877 J
Selenium	3.9	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Silver	2	NA	0.80 J	1.9 J	NA	NA	NA	NA	NA	NA	ND
Sodium	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Thallium	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Vanadium	NS	NA	24.4	27.5	NA	NA	NA	NA	NA	NA	21.9
Zinc	109	NA	183	270	NA	NA	NA	NA	NA	NA	140

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-1 SUR	FP A-2 SUR	FP A-3 SUR	FP A-4 SUR	FP A-5 SUR	FP A-6 SUR	FP A-7 SUR	FP A-8 SUR	FP A-9 SUR	FP A-10 SUR
Sample Date		**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	25 B	32 B	36 B	52	19	30	63	29	51	33
Benzene	60	ND	ND	ND	0.20 J	ND	ND	ND	ND	0.34 J	ND
Carbon disulfide	NS	0.26 J	0.65 J	0.40 J	1.1	0.44 J	0.30 J	2.0	2.3	0.65 J	ND
Chloroform	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.39 J B	0.48 J B	1.1 B	0.63 J B	0.94 J B	0.45 J B	1.3 B	3.5 B	2.4 B	3.2 B
Methyl Ethyl Ketone	120	1.7 J	3.6 J	1.7 J	5.0 J	ND	ND	3.6 J	1.7 J	3.0 J	3.2 J
Methyl isobutyl ketone (MIBK)	NS	ND	ND	ND	1.9 J	ND	ND	ND	ND	ND	ND
Styrene	NS	0.48 J	0.71 J	ND	0.72 J	ND	0.41 J	ND	ND	0.33 J	ND
Toluene	700	0.15 J	0.31 J	0.33 J	0.28 J	0.22 J	0.14 J	ND	0.29 J	0.19 J	0.24 J
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	98,000	65 J	ND	60 J	280 J	120 J	ND	59 J	ND	ND	ND
Anthracene	1,000,000	200 J	130 J	180 J	760	280 J	140 J	230 J	ND	ND	ND
Benzo[a]anthracene	1,000	480	320	530	1700	720	650	1300	86	220	230
Benzo[a]pyrene	22,000	340	240	460	1400	580	540	940	79	170	ND
Benzo[b]fluoranthene	1,700	450	290	570	1800	680	660	1200	120	270	ND
Benzo[g,h,i]perylene	1,000,000	180 J	150 J	290 J	780	350 J	310 J	560	66 J	ND	ND
Benzo[k]fluoranthene	1,700	170	ND	210	750	340	300	660	39	89	ND
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	1400	350 J	320 J	310 J	ND	690 J	ND
Carbazole	NS	79 J	48 J	55 J	210 J	99 J	46 J	190 J	ND		ND
Chrysene	1,000	490	370 J	600	1600	730	600	1200	94 J	230 J	250 J
Dibenz(a,h)anthracene	1,000,000	ND	ND	ND	270	110	100	200	ND	ND	ND
Dibenzofuran	210,000	56 J	ND	53 J	280 J	92 J	ND	ND	ND	ND	ND
Fluoranthene	1,000,000	850	560	860	3000	1300	1000	2600	160 J	320 J	320 J
Fluorene	386,000	100 J	ND	85 J	370 J	120 J	50 J	86 J	ND	ND	ND
Indeno[1,2,3-cd]pyrene	8,200	190	170	310	870	370	330	640	68	ND	ND
Isophorone	NS	ND	100 J	73 J	120 J	310 J	60 J	290 J	ND	570 J	3100
2-Methylnaphthalene	NS	ND	ND	ND	96 J	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	56 J	ND	ND	ND	ND	ND
Phenanthrene	1,000,000	670	480	650	3000	1100	600	990	94 J	210 J	260 J
Pyrene	1,000,000	920	610	880	3200	1400	980	1900	180 J	330 J	330 J
Pesticides (ug/kg)											
4,4'-DDD	14,000	ND	NR	NR	8.8 p	NR	NR	NR	ND	NR	NR
4,4'-DDE	17,000	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR
4,4'-DDT	136,000	ND	NR	NR	19	NR	NR	NR	ND	NR	NR
Dieldrin	100	ND	NR	NR	7.1 J p	NR	NR	NR	ND	NR	NR
Methoxychlor	NS	ND	NR	NR	8.3 p	NR	NR	NR	ND	NR	NR
PCBs (ug/kg)											
Aroclor 1254	NS	ND	NR	NR	220	NR	NR	NR	ND	NR	NR
Aroclor 1260	NS	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR
Total	3,200	ND	NR	NR	220	NR	NR	NR	ND	NR	NR

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-1 SUR	FP A-2 SUR	FP A-3 SUR	FP A-4 SUR	FP A-5 SUR	FP A-6 SUR	FP A-7 SUR	FP A-8 SUR	FP A-9 SUR	FP A-10 SUR
Sample Date		**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**	**4/19/2012**
Metals (mg/kg)											
Aluminum	NS	8190	NR	NR	10700	NR	NR	NR	3790	NR	NR
Antimony	NS	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR
Arsenic	16	9.3	NR	NR	4.9	NR	NR	NR	1.9	NR	NR
Barium	820	76.1	NR	NR	97.8	NR	NR	NR	33.4 J	NR	NR
Beryllium	47	0.32 J	NR	NR	0.39 J	NR	NR	NR	0.23 J	NR	NR
Cadmium	7.5	1.1	NR	NR	0.55 J	NR	NR	NR	0.22 J	NR	NR
Calcium	NS	14500	NR	NR	28000	NR	NR	NR	14100	NR	NR
Chromium	19	21.4	NR	NR	26.8	NR	NR	NR	10.9	NR	NR
Cobalt	NS	8.3 J	NR	NR	10.3 J	NR	NR	NR	3.7 J	NR	NR
Copper	1720	62.2	NR	NR	39.6	NR	NR	NR	20.9	NR	NR
Iron	NS	21900	NR	NR	24500	NR	NR	NR	11800	NR	NR
Lead	450	106	NR	NR	99.0	NR	NR	NR	55.5	NR	NR
Magnesium	NS	4530	NR	NR	6470	NR	NR	NR	3090	NR	NR
Manganese	2000	279	NR	NR	317	NR	NR	NR	216	NR	NR
Nickel	130	20.6	NR	NR	23.7	NR	NR	NR	8.8	NR	NR
Potassium	NS	3150	NR	NR	3960	NR	NR	NR	642 J	NR	NR
Selenium	4	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR
Silver	8.3	ND	NR	NR	ND	NR	NR	NR	ND	NR	NR
Sodium	NS	269 J	NR	NR	500 J	NR	NR	NR	ND	NR	NR
Vanadium	NS	30.1	NR	NR	33.0	NR	NR	NR	14.6	NR	NR
Zinc	2480	139	NR	NR	131	NR	NR	NR	58.6	NR	NR
Mercury	0.73	0.14	NR	NR	0.16	NR	NR	NR	0.036	NR	NR
General Chemistry											
Percent Moisture - %	NS	9.2	12.3	8.2	9.7	7.3	7.3	13.9	10.7	11.4	11.7
Percent Solids - %	NS	90.8	87.7	91.8	90.3	92.7	92.7	86.1	89.3	88.6	88.3

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-11 SUR	FP A-12 SUR	FP A-13 SUR	FP A-14 SUR	FP A-15 SUR	FP A-15 SUR Dup	FP A-16 SUR	FP A-17 SUR	FP A-18 SUR	FP A-19 SUR
Sample Date		4/19/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/17/2012	4/17/2012	4/17/2012	4/17/2012
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	220	26	52	51	30	20	5.4 J B	16 B	ND	15 B
Benzene	60	0.38 J	0.18 J	0.39 J	0.69 J	0.64 J	0.47 J	ND	ND	ND	0.17 J
Carbon disulfide	NS	0.25 J	1.6	1.9	3.2	0.36 J	ND	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	ND	0.39 J	ND	ND	ND	ND	2.6
Methylene Chloride	50	0.94 J B	0.30 J B	0.37 J B	0.38 J B	0.35 J B	0.24 J B	0.86 J B	0.70 J B	0.75 J B	0.38 J B
Methyl Ethyl Ketone	120	7.3 J	ND	3.0 J	4.6 J	ND	ND	ND	ND	ND	ND
Methyl isobutyl ketone (MIBK)	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	0.54 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	0.31 J	0.36 J	0.40 J	0.22 J	0.18 J	ND	0.30 J	0.36 J	0.16 J	0.19 J
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	98,000	ND	100 J	ND	ND	ND	ND	ND	180 J	ND	ND
Anthracene	1,000,000	93 J	190 J	200 J	ND	70 J	ND	ND	540	79 J	90 J
Benzo[a]anthracene	1,000	290	520	1100	59	320	58	49	1000	310	380
Benzo[a]pyrene	22,000	300	380	1100	36 J	380	53	54	850	320	430
Benzo[b]fluoranthene	1,700	370	460	1200	50	540	77	65	1100	390	540
Benzo[g,h,i]perylene	1,000,000	150 J	340 J	980	31 J	330 J	46 J	38 J	550	200 J	330 J
Benzo[k]fluoranthene	1,700	170	220	430	31 J	190	46	33 J	410	150	190
Bis(2-ethylhexyl) phthalate	NS	ND	7300	360 J	390	2300	ND	ND	ND	ND	ND
Carbazole	NS	ND	72 J	ND	ND	ND	ND	ND	140 J	ND	ND
Chrysene	1,000	290 J	550	1200	66 J	390 J	69 J	50 J	1000	310 J	400
Dibenz(a,h)anthracene	1,000,000	ND	60	150	ND	75	12 J	ND	170	ND	65
Dibenzofuran	210,000	ND	75 J	ND	ND	ND	ND	ND	160 J	ND	ND
Fluoranthene	1,000,000	460	1100	1700	110 J	500	61 J	79 J	1800	460	640
Fluorene	386,000	ND	110 J	58 J	ND	ND	ND	ND	200 J	ND	ND
Indeno[1,2,3-cd]pyrene	8,200	170	320	1000	28 J	330	38 J	41	620	220	310
Isophorone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS	ND	830	ND	ND	ND	ND	ND	58 J	ND	ND
Naphthalene	12,000	ND	110 J	ND	ND	ND	ND	ND	49 J	ND	ND
Phenanthrene	1,000,000	340 J	1100	720	97 J	310 J	ND	ND	1800	300 J	340 J
Pyrene	1,000,000	470	810	1500	98 J	460	65 J	95 J	1800	490	720
Pesticides (ug/kg)											
4,4'-DDD	14,000	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
4,4'-DDE	17,000	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
4,4'-DDT	136,000	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Dieldrin	100	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Methoxychlor	NS	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
PCBs (ug/kg)											
Aroclor 1254	NS	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Aroclor 1260	NS	NR	NR	NR	NR	22	NR	NR	NR	NR	NR
Total	3,200	NR	NR	NR	NR	22	NR	NR	NR	NR	NR

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-11 SUR	FP A-12 SUR	FP A-13 SUR	FP A-14 SUR	FP A-15 SUR	FP A-15 SUR Dup	FP A-16 SUR	FP A-17 SUR	FP A-18 SUR	FP A-19 SUR
Sample Date		4/19/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/17/2012	4/17/2012	4/17/2012	4/17/2012
Metals (mg/kg)											
Aluminum	NS	NR	NR	NR	NR	5410	NR	NR	NR	NR	NR
Antimony	NS	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Arsenic	16	NR	NR	NR	NR	3.6	NR	NR	NR	NR	NR
Barium	820	NR	NR	NR	NR	68.3	NR	NR	NR	NR	NR
Beryllium	47	NR	NR	NR	NR	0.25 j	NR	NR	NR	NR	NR
Cadmium	7.5	NR	NR	NR	NR	0.46 j	NR	NR	NR	NR	NR
Calcium	NS	NR	NR	NR	NR	6610	NR	NR	NR	NR	NR
Chromium	19	NR	NR	NR	NR	14.1	NR	NR	NR	NR	NR
Cobalt	NS	NR	NR	NR	NR	6.5 j	NR	NR	NR	NR	NR
Copper	1720	NR	NR	NR	NR	67.9	NR	NR	NR	NR	NR
Iron	NS	NR	NR	NR	NR	17400	NR	NR	NR	NR	NR
Lead	450	NR	NR	NR	NR	181	NR	NR	NR	NR	NR
Magnesium	NS	NR	NR	NR	NR	2010	NR	NR	NR	NR	NR
Manganese	2000	NR	NR	NR	NR	220	NR	NR	NR	NR	NR
Nickel	130	NR	NR	NR	NR	15.9	NR	NR	NR	NR	NR
Potassium	NS	NR	NR	NR	NR	753 j	NR	NR	NR	NR	NR
Selenium	4	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Silver	8.3	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Sodium	NS	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
Vanadium	NS	NR	NR	NR	NR	17.4	NR	NR	NR	NR	NR
Zinc	2480	NR	NR	NR	NR	172	NR	NR	NR	NR	NR
Mercury	0.73	NR	NR	NR	NR	0.29	NR	NR	NR	NR	NR
General Chemistry											
Percent Moisture - %	NS	15.8	11.4	12.5	12.5	25.7	15.0	6.9	10.5	9.6	14.4
Percent Solids - %	NS	84.2	88.6	87.5	87.5	74.3	85.0	93.1	89.5	90.4	85.6

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-20 SUR	FP A-20 SUR Dup	FP A-21 SUR	FP A-22 SUR
Sample Date		4/17/2012	4/18/2012	4/17/2012	4/17/2012
Volatile Organic Compounds (VOCs) (ug/kg)					
Acetone	50	10 J B	ND	13 B	21 B
Benzene	60	ND	ND	ND	0.16 J
Carbon disulfide	NS	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	ND
Methylene Chloride	50	0.78 J B	0.30 J B	0.62 J B	0.74 J B
Methyl Ethyl Ketone	120	ND	ND	ND	ND
Methyl isobutyl ketone (MIBK)	NS	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND
Toluene	700	0.18 J	ND	ND	0.17 J
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)					
Acenaphthene	98,000	ND	ND	ND	ND
Anthracene	1,000,000	ND	ND	ND	61 J
Benzo[a]anthracene	1,000	ND	ND	130	330
Benzo[a]pyrene	22,000	ND	ND	140	320
Benzo[b]fluoranthene	1,700	ND	ND	190	420
Benzo[g,h,i]perylene	1,000,000	ND	ND	110 J	240 J
Benzo[k]fluoranthene	1,700	ND	ND	69	190
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	ND
Carbazole	NS	ND	ND	ND	ND
Chrysene	1,000	ND	ND	140 J	380
Dibenz(a,h)anthracene	1,000,000	ND	ND	ND	66
Dibenzofuran	210,000	ND	ND	ND	ND
Fluoranthene	1,000,000	ND	ND	190 J	560
Fluorene	386,000	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	8,200	ND	ND	110	250
Isophorone	NS	ND	70 J	ND	ND
2-Methylnaphthalene	NS	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND
Phenanthrene	1,000,000	ND	ND	62 J	310 J
Pyrene	1,000,000	ND	ND	260 J	600
Pesticides (ug/kg)					
4,4'-DDD	14,000	NR	NR	ND	NR
4,4'-DDE	17,000	NR	NR	ND	NR
4,4'-DDT	136,000	NR	NR	ND	NR
Dieldrin	100	NR	NR	ND	NR
Methoxychlor	NS	NR	NR	ND	NR
PCBs (ug/kg)					
Aroclor 1254	NS	NR	NR	ND	NR
Aroclor 1260	NS	NR	NR	ND	NR
Total	3,200	NR	NR	ND	NR

Table 9A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-20 SUR	FP A-20 SUR Dup	FP A-21 SUR		FP A-22 SUR
Sample Date		4/17/2012	4/18/2012	4/17/2012		4/17/2012
Metals (mg/kg)						
Aluminum	NS	NR	NR	4220		NR
Antimony	NS	NR	NR	ND		NR
Arsenic	16	NR	NR	1.7		NR
Barium	820	NR	NR	42.3		NR
Beryllium	47	NR	NR	0.24	J	NR
Cadmium	7.5	NR	NR	0.38	J	NR
Calcium	NS	NR	NR	23400		NR
Chromium	19	NR	NR	10.4		NR
Cobalt	NS	NR	NR	4.3	J	NR
Copper	1720	NR	NR	19.1		NR
Iron	NS	NR	NR	10900		NR
Lead	450	NR	NR	38.8		NR
Magnesium	NS	NR	NR	3280		NR
Manganese	2000	NR	NR	234		NR
Nickel	130	NR	NR	9.0		NR
Potassium	NS	NR	NR	858	J	NR
Selenium	4	NR	NR	ND		NR
Silver	8.3	NR	NR	ND		NR
Sodium	NS	NR	NR	257	J	NR
Vanadium	NS	NR	NR	14.0		NR
Zinc	2480	NR	NR	59.2		NR
Mercury	0.73	NR	NR	0.98		NR
General Chemistry						
Percent Moisture - %	NS	11.5	10.9	8.8		11.1
Percent Solids - %	NS	88.5	89.1	91.2		88.9

Notes:

highlighted cells indicate exceedances of NYSDEC Part 375 SCOs

nd - compound was not detected at the MDL.

j - Indicates an estimated value.

b - The analyte was found in an associated blank, as well as in the sample.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit for VOCs

* - RPD of the LCS and LCSD exceeds the control limits for VOCs

* - LCS or LCSD exceeds the control limits for VOCs and SVOCs

NR - Analysis not Requested

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 9B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-1 S	FP-B-2 S	FP-B-3 S	FP-B-3 S DUP	FP-B-4 S	FP-B-5 S	FP-B-6 S	FP-B-7 S	FP-B-8 S	FP-B-9 S	FP-B-10 S
Sample Date		**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/13/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**	**2/14/2012**
Volatile Organic Compounds (VOCs) (ug/kg)												
Acetone	50	26 B	ND	50.0 B	51 B	35 B	33 B	30 B	32 B	9.4 JB	6.3 JB	50 B
Benzene	60	ND	26 J	0.56 J	0.76 J	0.21 J	0.44 J	ND	0.22 J	ND	0.2 J	ND
Carbon disulfide	NS	0.18 J	ND	0.91 J	1.1	1.5	3	1.1	1.2	ND	ND	2.2
cis-1,2-Dichloroethene	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	0.22 J	ND	0.95 J	0.43 J	0.27 J	ND	ND	ND
1,2-dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	2.7 J	ND	4.3 J	5.1 J	ND	3.3 J	3.7 J	3.6 J	ND	ND	5.6 J
Methylene Chloride	50	1.1 B	ND	0.87 JB	1.5 B	0.77 JB	0.33 J	1.1	1.1	0.96 J	0.98 J	1.2
Styrene	NS	ND	ND	ND	ND	0.61 J	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	0.29 J	ND	0.24 J	0.38 J	1.9	0.79 J	0.72 J	0.43 J	ND	0.27 J	0.3 J
Total Xylenes	1,600	ND	ND	ND	ND	0.85 J	2.2 J	1.1 J	ND	ND	ND	ND
Vinyl Chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	98,000	340 J	2,100 J	1,300	960	120 J	2,200	9,000	6,100	190 J	220 J	1,700 J
Acenaphthylene	107,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	59 J	ND
Anthracene	1,000,000	890	10,000	260 J	230 J	150 J	2,800	6,200	7,000	280 J	150 J	3,700
Benzo(a)anthracene	1,000	2,700	7,200	380	270	430	2,700	4,600	7,000	630	460	4,400
Benzo(a)pyrene	22,000	2,000	2,900	300	200	300	1,500	2,300	3,000	490	520	2,400
Benzo(b)fluoranthene	1,700	2,800	4,200	390	270	440	2,100	3,000	4,300	660	630	3,300
Benzo(g,h,i)perylene	1,000,000	1,500	1,000 J	190 J	130 J	170 J	680 J	800 J	1,200 J	340 J	420	1,000 J
Benzo(k)fluoranthene	1,700	1,000	1,800	170	110	170	770	1,500	1,900	260	230	1,700
Bis(2-ethylhexyl)phthalate	NS	ND	ND	ND	ND	170 J	1,200	800 J	ND	210 J	140 J	ND
Carbazole	NS	590 J	6,100	300 J	270 J	54 J	1,000	3,400	4,000	170 J	68 J	1,400 J
Chrysene	1,000	2,900	7,700	540	370	620	3,200	5,100	7,500	760	560	5,300
Dibenz(a,h) anthracene	1,000,000	400	290 J	50	30 J	45	200	240	250 J	89	91	340
Dibenzofuran	210,000	350 J	3,500 J	1,700	1,200	ND	1,900	8,100	6,600	170 J	230 J	1,700 J
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
di-n-Butylphthalate	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1,000,000	6,100	39,000	1,600	1300	1,500	12,000	22,000	38,000	1,800	1,100	17,000
Flourene	386,000	480 J	7,100	2,500	1800	180 J	4,100	12,000	14,000	350 J	310 J	3,500
Indeno(1,2,3-cd)pyrene	8,200	1,600	1,200	200	140	190	800	970	1,300	380	420	1,200
Isophorone	NS	2,300	5,600	ND	ND	ND	4,500	1,000 J	1,500 J	ND	ND	4,200
2-methylnaphthalene	NS	200 J	930 J	940	770	83 J	910	3,000	1,800 J	260 J	380	660 J
Napthalene	12,000	170 J	ND	530	450	160 J	1,100	1,900	1,000 J	320 J	290 J	800 J
Phenanthrene	1,000,000	4,000	50,000	3,700	3000	780	14,000	38,000	54,000	1,500	950	16,000
Pyrene	1,000,000	4,400	26,000	1,100	880	1,200	7,700	15,000	27,000	1,300	820	12,000
Total Petroleum Hydrocarbon (TPH) (ug/kg)												
Qualitative Method	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA

Table 9B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-1 S	FP-B-2 S	FP-B-3 S	FP-B-3 S DUP	FP-B-4 S	FP-B-5 S	FP-B-6 S	FP-B-7 S	FP-B-8 S	FP-B-9 S	FP-B-10 S
Sample Date		2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Pesticides (ug/kg)												
4,4'-DDD	14,000	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
4,4'-DDE	17,000	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
4,4'-DDT	136,000	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
alpha-BHC	20	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
alpha-Chlordane	2,900	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
gamma-Chlordane	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Dieldrin	100	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Endrin	60	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Heptachlor	380	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
PCBs (ug/kg)												
Aroclor 1254	NS	NA	NA	49 J	48 J	NA	NA	NA	NA	ND	NA	NA
Aroclor 1260	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Total PCBs	3,200	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Metals (mg/kg)												
Aluminum	NS	NA	NA	5,930	5,950	NA	NA	NA	NA	6,860	NA	NA
Arsenic	16	NA	NA	2.9	4.6	NA	NA	NA	NA	2.9	NA	NA
Barium	820	NA	NA	77.9	90.8	NA	NA	NA	NA	54.7	NA	NA
Beryllium	47	NA	NA	0.29	0.39 J	NA	NA	NA	NA	0.3 J	NA	NA
Cadmium	7.5	NA	NA	0.39	0.51 J	NA	NA	NA	NA	0.29 J	NA	NA
Calcium	NS	NA	NA	4530	3,390	NA	NA	NA	NA	4,890	NA	NA
Chromium	NS	NA	NA	15.9	30.1	NA	NA	NA	NA	28	NA	NA
Cobalt	NS	NA	NA	5.9	6.9 J	NA	NA	NA	NA	6.9 J	NA	NA
Copper	1720	NA	NA	84	87	NA	NA	NA	NA	59.8	NA	NA
Iron	NS	NA	NA	17,400	23,200	NA	NA	NA	NA	30,900	NA	NA
Lead	450	NA	NA	124	112	NA	NA	NA	NA	67.1	NA	NA
Magnesium	NS	NA	NA	2,390	1,990	NA	NA	NA	NA	2,320	NA	NA
Manganese	2000	NA	NA	314	490	NA	NA	NA	NA	383	NA	NA
Mercury	0.73	NA	NA	0.16	0.15	NA	NA	NA	NA	0.18	NA	NA
Nickel	130	NA	NA	11.9	14.1	NA	NA	NA	NA	24.2	NA	NA
Potassium	NS	NA	NA	942	853 J	NA	NA	NA	NA	1290	NA	NA
Selenium	4	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Silver	8.3	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Sodium	NS	NA	NA	ND	ND	NA	NA	NA	NA	309 J	NA	NA
Thallium	NS	NA	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA
Vanadium	NS	NA	NA	25.5	24.8	NA	NA	NA	NA	26.4	NA	NA
Zinc	2480	NA	NA	102	95.1	NA	NA	NA	NA	89.3	NA	NA

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 9B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-11 S	FP-B-12 S	FP-B-13 S	FB-B-14 S	FB-B-15 S	FB-B-16 S	FP-B-17 S	FB-B-18 S	FP-B-19 S	FP-B-20 S
Sample Date		2/14/2012	2/14/2012	2/16/2012	2/16/2012	2/16/2012	2/16 - 17/2012	2/15/2012	2/16/2012	2/15/2012	2/15/2012
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	27 B	19 B	21	28	4.2 J	4.0 J	3.7 JB	9.4 J	7 JB	28 B
Benzene	60	0.28 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NS	2.6	0.56 J	0.26 J	0.85 J	ND	ND	ND	ND	ND	1.2
cis-1,2-Dichloroethene	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24 J
1,2-dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	ND	ND	2.6 J	3.8 J	ND	ND	ND	ND	ND	4.1 J
Methylene Chloride	50	1.1 B	1.1	0.38 JB	0.28 JB	0.22 JB	ND	0.25 JB	0.25 JB	0.28 JB	0.47 JB
Styrene	NS	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	0.13 J	ND	ND	ND
Toluene	700	0.61 J	0.24 J	0.15 J	0.28 J	0.17 J	ND	0.18 J	ND	1.4 JB	3.8
Total Xylenes	1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6 J
Vinyl Chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	98,000	2,000	1,500	120	320 J	140 J	71 J	120 J	100 J	210 J	1,400
Acenaphthylene	107,000	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,000,000	4,800	2,700	130 J	720	ND	ND	290 J	250 J	450	1,800
Benzo(a)anthracene	1,000	2,100	2,100	520	880	160	340	1,000	260	620	1,600
Benzo(a)pyrene	22,000	870	1,000	450	460	130	330	1,000	230	340	940
Benzo(b)fluoranthene	1,700	1,300	1,600	590	730	180	370	1,100	420	650	1,200
Benzo(g,h,i)perylene	1,000,000	320 J	680 J	380	310 J	67 J	270 J	870	260 J	210 J	610 J
Benzo(k)fluoranthene	1,700	660	680	230	380	75	140	450	140	250	580
Bis(2-ethylhexyl)phthalate	NS	ND	580 J	ND	140 J	ND	ND	190 J	ND	ND	ND
Carbazole	NS	2,200	1,400	61 J	270 J	ND	ND	170 J	94 J	150 J	670 J
Chrysene	1,000	2,900	2,300	520	1,000	190 J	340 J	1,200	360	950	1,800
Dibenz(a,h) anthracene	1,000,000	ND	180	78	52	11 J	63	210	41	ND	150
Dibenzofuran	210,000	2,700	1,700	79 J	380	ND	ND	77 J	160 J	300 J	1,500
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
di-n-Butylphthalate	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1,000,000	11,000	8,400	970	2,700	390	610	2,300	1,100	2,700	6,200
Flourene	386,000	3,900	2,300	120 J	430	50 J	ND	150 J	210 J	540	2,800
Indeno(1,2,3-cd)pyrene	8,200	350	750	400	300	62	270	820	220	220	670
Isophorone	NS	4,200	3,100	730	8,100	ND	ND	180 J	50 J	ND	1,900
2-methylnaphthalene	NS	890 J	3,900	52 J	140 J	ND	ND	ND	ND	ND	550 J
Napthalene	12,000	590 J	510 J	ND	59 J	ND	ND	59 J	ND	ND	120 J
Phenanthrene	1,000,000	19,000	11,000	870	3,500	350 J	370 J	1,600	1,400	2,800	9,600
Pyrene	1,000,000	7,500	5,200	890	2,100	370	670	1,800	970	1,800	4,300
Total Petroleum Hydrocarbon (TPH) (ug/kg)											
Qualitative Method	NS	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA

Table 9B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-11 S	FP-B-12 S	FP-B-13 S	FB-B-14 S	FB-B-15 S	FB-B-16 S	FP-B-17 S	FB-B-18 S	FP-B-19 S	FP-B-20 S
Sample Date		2/14/2012	2/14/2012	2/16/2012	2/16/2012	2/16/2012	2/16 - 17/2012	2/15/2012	2/16/2012	2/15/2012	2/15/2012
Pesticides (ug/kg)											
4,4'-DDD	14,000	NA	NA	NA	NA	NA	ND	13	NA	NA	NA
4,4'-DDE	17,000	NA	NA	NA	NA	NA	ND	28	NA	NA	NA
4,4'-DDT	136,000	NA	NA	NA	NA	NA	6.5 J	89	NA	NA	NA
alpha-BHC	20	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
alpha-Chlordane	2,900	NA	NA	NA	NA	NA	ND	14 p	NA	NA	NA
gamma-Chlordane	NS	NA	NA	NA	NA	NA	ND	15	NA	NA	NA
Dieldrin	100	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Endrin	60	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Heptachlor	380	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
PCBs (ug/kg)											
Aroclor 1254	NS	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Aroclor 1260	NS	NA	NA	NA	NA	NA	16 Jp	ND	NA	NA	NA
Total PCBs	3,200	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Metals (mg/kg)											
Aluminum	NS	NA	NA	NA	NA	NA	8,990	7,810	NA	NA	NA
Arsenic	16	NA	NA	NA	NA	NA	6.3	5.5	NA	NA	NA
Barium	820	NA	NA	NA	NA	NA	104	425	NA	NA	NA
Beryllium	47	NA	NA	NA	NA	NA	0.36 J	0.44	NA	NA	NA
Cadmium	7.5	NA	NA	NA	NA	NA	0.53 J	0.81 J	NA	NA	NA
Calcium	NS	NA	NA	NA	NA	NA	10800	21000	NA	NA	NA
Chromium	NS	NA	NA	NA	NA	NA	21.1	23.7	NA	NA	NA
Cobalt	NS	NA	NA	NA	NA	NA	7.3 J	6.6 J	NA	NA	NA
Copper	1720	NA	NA	NA	NA	NA	154	73.7	NA	NA	NA
Iron	NS	NA	NA	NA	NA	NA	21,900	21,900	NA	NA	NA
Lead	450	NA	NA	NA	NA	NA	254	274	NA	NA	NA
Magnesium	NS	NA	NA	NA	NA	NA	2,570	3,010	NA	NA	NA
Manganese	2000	NA	NA	NA	NA	NA	310	317	NA	NA	NA
Mercury	0.73	NA	NA	NA	NA	NA	0.29	0.44	NA	NA	NA
Nickel	130	NA	NA	NA	NA	NA	15.5	15.3	NA	NA	NA
Potassium	NS	NA	NA	NA	NA	NA	947 J	960 J	NA	NA	NA
Selenium	4	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Silver	8.3	NA	NA	NA	NA	NA	.3 J	ND	NA	NA	NA
Sodium	NS	NA	NA	NA	NA	NA	219 J	364 J	NA	NA	NA
Thallium	NS	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Vanadium	NS	NA	NA	NA	NA	NA	25.9	30.4	NA	NA	NA
Zinc	2480	NA	NA	NA	NA	NA	274	369	NA	NA	NA

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-1 (5.5-6.0)	FP A-2 (4.5-5.0)	FP A-3 (4.0-4.5)	FP A-4 (4.0 4.5)	FP A-5 (3.0-3.5)	FP A-6 (3.5-4.0)	FP A-7 (4.0-4.5)	FP A-8 (4.0-4.5)	FP A-9 (3.5-4.0)	FP A-10 (4.0-5.0)
Sample Date		4/20/2012	4/20/2012	4/20/2012	4/23/2012	4/20/2012	4/20/2012	4/20/2012	4/20/2012	4/20/2012	4/23/2012
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	42 B	32 B	ND	29 B	45 B	36 B	30 B	44 B	48 B	29 B
Benzene	60	ND	0.30 J	ND	ND	ND	6.4	ND	0.29 J	17	0.23 J
Carbon disulfide	NS	0.49 J	0.33 J	ND	ND	ND	1.2	ND	0.36 J	0.40 J	ND
Chloroform	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	84000	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.24 J B	ND	ND	0.30 J B	ND	0.96 J B	0.36 J B	0.25 J B	ND	0.25 J B
Methyl Ethyl Ketone	120	3.7 J	3.0 J	ND	ND	4.3 J	3.7 J	2.0 J	3.3 J	3.5 J	3.2 J
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	160 J	ND	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	38000	ND	0.21 J	0.24 J	ND	ND	0.20 J	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	1,600	ND	ND	510000	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	98,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	107,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,000,000	58 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	1,000	260	ND	110	ND	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	22,000	240	ND	88	ND	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	1,700	250	ND	110	ND	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	1,000,000	120 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	1,700	140	ND	51	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	ND	ND	ND	170 J	ND	ND	ND
Carbazole	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	1,000	270 J	ND	120 J	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	1,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	210,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1,000,000	500	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	386,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	8,200	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	1,000,000	340 J	ND	200 J	ND	ND	ND	ND	ND	ND	ND
Pyrene	1,000,000	540	ND	220 J	ND	55 J	ND	ND	ND	ND	ND
Pesticides (ug/kg)											
4,4'-DDD	14,000	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
4,4'-DDE	17,000	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
4,4'-DDT	136,000	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
PCBs (ug/kg)											
Aroclor 1254	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Aroclor 1260	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Total	3,200	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-1 (5.5-6.0)	FP A-2 (4.5-5.0)	FP A-3 (4.0-4.5)	FP A-4 (4.0 4.5)	FP A-5 (3.0-3.5)	FP A-6 (3.5-4.0)	FP A-7 (4.0-4.5)	FP A-8 (4.0-4.5)	FP A-9 (3.5-4.0)	FP A-10 (4.0-5.0)
Sample Date		4/20/2012	4/20/2012	4/20/2012	4/23/2012	4/20/2012	4/20/2012	4/20/2012	4/20/2012	4/20/2012	4/23/2012
Metals (mg/kg)											
Aluminum	NS	NR	NR	9230	NR	NR	NR	NR	9520	NR	NR
Antimony	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Arsenic	16	NR	NR	3.8	NR	NR	NR	NR	3.3	NR	NR
Barium	820	NR	NR	49.0	NR	NR	NR	NR	54.2	NR	NR
Beryllium	47	NR	NR	0.42 J	NR	NR	NR	NR	0.45	NR	NR
Cadmium	7.5	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Calcium	NS	NR	NR	3310	NR	NR	NR	NR	3270	NR	NR
Chromium	19	NR	NR	17.8	NR	NR	NR	NR	21.8	NR	NR
Cobalt	NS	NR	NR	7.1 J	NR	NR	NR	NR	8.2 J	NR	NR
Copper	1720	NR	NR	19.8	NR	NR	NR	NR	24.5	NR	NR
Iron	NS	NR	NR	22200	NR	NR	NR	NR	25100	NR	NR
Lead	450	NR	NR	26.4	NR	NR	NR	NR	22.5	NR	NR
Magnesium	NS	NR	NR	2270	NR	NR	NR	NR	2420	NR	NR
Manganese	2000	NR	NR	352	NR	NR	NR	NR	412	NR	NR
Nickel	130	NR	NR	12.9	NR	NR	NR	NR	14.3	NR	NR
Potassium	NS	NR	NR	951 J	NR	NR	NR	NR	939 J	NR	NR
Selenium	4	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Silver	8.3	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Sodium	NS	NR	NR	ND	NR	NR	NR	NR	ND	NR	NR
Vanadium	NS	NR	NR	24.4	NR	NR	NR	NR	31.8	NR	NR
Zinc	2480	NR	NR	71.9	NR	NR	NR	NR	33.9	NR	NR
Mercury	0.73	NR	NR	0.079	NR	NR	NR	NR	0.033 J	NR	NR
General Chemistry											
Percent Moisture - %	NS	17.9	23.3	18.9	16.1	23.9	19.7	17.5	18.1	18.6	18.0
Percent Solids - %	NS	82.1	76.7	81.1	83.9	76.1	80.3	82.5	81.9	81.4	82.0

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-11 (3.5-4.0)	FP A-12 (4.0-4.5)	FP A-13 (4.0-4.5)	FP A-13 (4.0-4.5)Dup	FP A-14 (5.0-5.5)	FP A-15 (4.0-4.5)	FP A-16 (3.5-4.0)	FP A-17 (2.5-3.0)	FP A-18 (4.0-4.5)	FP A-19 (4.5-5.0)
Sample Date		**4/23/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/19/2012**	**4/18/2012**	**4/17/2012**	**4/19/2012**
Volatile Organic Compounds (VOCs) (ug/kg)											
Acetone	50	36 B	24	24	32	47	55	ND	4.5 J	18 B	21
Benzene	60	0.47 J	7.0	0.51 J	4.0	2.3	0.24 J	ND	0.29 J	ND	ND
Carbon disulfide	NS	0.36 J	2.2	0.68 J	0.89 J	1.6	0.72 J	0.30 J	0.23 J	0.89 J	0.42 J
Chloroform	370	ND	ND	ND	ND	ND	ND	8.2	ND	ND	0.30 J
Ethylbenzene	1,000	ND	0.23 J	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	0.36 J B	0.38 J B	0.57 J B	0.34 J B	0.35 J B	0.43 J B	0.89 J B	0.23 J B	0.78 J B	0.37 J B
Methyl Ethyl Ketone	120	3.3 J	3.8 J	3.4 J	3.3 J	4.3 J	9.2 J	ND	ND	ND	2.2 J
Styrene	NS	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND
Toluene	700	ND	0.78 J	ND	0.20 J	ND	ND	0.22 J	ND	0.17 J	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND
Xylenes, Total	1,600	ND	1.3 J	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	98,000	ND	ND	ND	ND	ND	ND	2000 J	ND	ND	ND
Acenaphthylene	107,000	ND	ND	ND	ND	ND	ND	400 J	ND	ND	ND
Anthracene	1,000,000	ND	ND	ND	ND	ND	ND	4200	110 J	ND	ND
Benzo[a]anthracene	1,000	51	190	20 J	82	ND	ND	14000	560	ND	91
Benzo[a]pyrene	22,000	41	200	11 J	67	ND	ND	15000	610	ND	91
Benzo[b]fluoranthene	1,700	62	180	15 J	83	ND	ND	16000	690	ND	120
Benzo[g,h,i]perylene	1,000,000	42 J	140 J	ND	59 J	ND	ND	9400	650	ND	ND
Benzo[k]fluoranthene	1,700	27 J	80	ND	41	ND	ND	6700	310	ND	39 J
Bis(2-ethylhexyl) phthalate	NS	ND	ND	ND	ND	140 J	ND	2200	710	ND	ND
Carbazole	NS	ND	ND	ND	ND	ND	ND	800 J	ND	ND	ND
Chrysene	1,000	51 J	210 J	ND	97 J	ND	ND	15000	620	ND	100 J
Dibenz(a,h)anthracene	1,000,000	ND	19 J	ND	8.9 J	ND	ND	2300	85	ND	ND
Dibenzofuran	210,000	ND	ND	ND	ND	ND	ND	1500 J	ND	ND	ND
Fluoranthene	1,000,000	120 J	200 J	ND	130 J	ND	ND	25000	720	ND	160 J
Fluorene	386,000	ND	ND	ND	ND	ND	ND	2000 J	ND	ND	ND
Indeno[1,2,3-cd]pyrene	8,200	36 J	100	ND	49	ND	ND	9600	590	ND	ND
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	ND	460 J	ND	ND	ND
Naphthalene	12,000	ND	150 J	ND	ND	ND	ND	720 J	50 J	ND	ND
Phenanthrene	1,000,000	97 J	120 J	ND	100 J	ND	110 J	22000	470	ND	78 J
Pyrene	1,000,000	120 J	250 J	ND	140 J	ND	ND	30000	680	35 J	170 J
Pesticides (ug/kg)											
4,4'-DDD	14,000	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
4,4'-DDE	17,000	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
4,4'-DDT	136,000	NR	NR	ND	5.9 J	NR	NR	NR	NR	NR	NR
PCBs (ug/kg)											
Aroclor 1254	NS	NR	NR	ND	110	NR	NR	NR	NR	NR	NR
Aroclor 1260	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Total	3,200	NR	NR	ND	110	NR	NR	NR	NR	NR	NR

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-11 (3.5-4.0)	FP A-12 (4.0-4.5)	FP A-13 (4.0-4.5)	FP A-13 (4.0-4.5)Dup	FP A-14 (5.0-5.5)	FP A-15 (4.0-4.5)	FP A-16 (3.5-4.0)	FP A-17 (2.5-3.0)	FP A-18 (4.0-4.5)	FP A-19 (4.5-5.0)
Sample Date		**4/23/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/18/2012**	**4/19/2012**	**4/18/2012**	**4/17/2012**	**4/19/2012**
Metals (mg/kg)											
Aluminum	NS	NR	NR	5660	6330	NR	NR	NR	NR	NR	NR
Antimony	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Arsenic	16	NR	NR	2.3	2.1	NR	NR	NR	NR	NR	NR
Barium	820	NR	NR	32.6 J	50.7	NR	NR	NR	NR	NR	NR
Beryllium	47	NR	NR	0.35 J	0.35 J	NR	NR	NR	NR	NR	NR
Cadmium	7.5	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Calcium	NS	NR	NR	1430	3270	NR	NR	NR	NR	NR	NR
Chromium	19	NR	NR	15.4	16.6	NR	NR	NR	NR	NR	NR
Cobalt	NS	NR	NR	6 J	7.1 J	NR	NR	NR	NR	NR	NR
Copper	1720	NR	NR	16.6	30.9	NR	NR	NR	NR	NR	NR
Iron	NS	NR	NR	17200	19200	NR	NR	NR	NR	NR	NR
Lead	450	NR	NR	17.2	77.3	NR	NR	NR	NR	NR	NR
Magnesium	NS	NR	NR	1780	1940	NR	NR	NR	NR	NR	NR
Manganese	2000	NR	NR	362	358	NR	NR	NR	NR	NR	NR
Nickel	130	NR	NR	10.8	13.3	NR	NR	NR	NR	NR	NR
Potassium	NS	NR	NR	731 J	977 J	NR	NR	NR	NR	NR	NR
Selenium	4	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Silver	8.3	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Sodium	NS	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
Vanadium	NS	NR	NR	22.1	24.7	NR	NR	NR	NR	NR	NR
Zinc	2480	NR	NR	26.9	60	NR	NR	NR	NR	NR	NR
Mercury	0.73	NR	NR		0.22	NR	NR	NR	NR	NR	NR
General Chemistry											
Percent Moisture - %	NS	18.9	21.0	15.4	19.0	13.3	22.8	21.8	18.7	15.8	21.1
Percent Solids - %	NS	81.1	79.0	84.6	81.0	86.7	77.2	78.2	81.3	84.2	78.9

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NR - Analysis not Requested
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-20 (2.5-3.0)		FP A-21 (4.5-5.0)		FP A-22 (3.5-4.0)	
Sample Date		**4/19/2012**		**4/19/2012**		**4/19/2012**	
Volatile Organic Compounds (VOCs) (ug/kg)							
Acetone	50	31		29		34	
Benzene	60	2.7		0.54	J	0.32	J
Carbon disulfide	NS	0.95	J	5.0		2.3	
Chloroform	370	ND		ND		ND	
Ethylbenzene	1,000	ND		ND		ND	
Methylene Chloride	50	0.28	J B	1.6	B	ND	
Methyl Ethyl Ketone	120	3.6	J	3.6	J	4.5	J
Styrene	NS	ND		ND		ND	
Tetrachloroethene	1,300	ND		ND		ND	
Toluene	700	0.62	J	0.28	J	0.24	J
Trichloroethene	470	ND		ND		ND	
Xylenes, Total	1,600	ND		ND		ND	
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)							
Acenaphthene	98,000	100	J	1300	J	940	J
Acenaphthylene	107,000	ND		ND		420	J
Anthracene	1,000,000	270	J	4100		3000	
Benzo[a]anthracene	1,000	900		11000		12000	
Benzo[a]pyrene	22,000	1000		11000		11000	
Benzo[b]fluoranthene	1,700	1100		12000		11000	
Benzo[g,h,i]perylene	1,000,000	540		7100		7500	
Benzo[k]fluoranthene	1,700	520		5600		4200	
Bis(2-ethylhexyl) phthalate	NS	ND		ND		ND	
Carbazole	NS	65	J	1100	J	630	J
Chrysene	1,000	900		12000		12000	
Dibenz(a,h)anthracene	1,000,000	170		1700		1800	
Dibenzofuran	210,000	74	J	1200	J	550	J
Fluoranthene	1,000,000	1600		20000		16000	
Fluorene	386,000	110	J	1700	J	1100	J
Indeno[1,2,3-cd]pyrene	8,200	620		7000		6800	
2-Methylnaphthalene	NS	ND		350	J	ND	
Naphthalene	12,000	53	J	580	J	350	J
Phenanthrene	1,000,000	1200		17000		15000	
Pyrene	1,000,000	2000		28000		27000	
Pesticides (ug/kg)							
4,4'-DDD	14,000	NR		11	p	NR	
4,4'-DDE	17,000	NR		6.9	J	NR	
4,4'-DDT	136,000	NR		13		NR	
PCBs (ug/kg)							
Aroclor 1254	NS	NR		62	J	NR	
Aroclor 1260	NS	NR		61	J	NR	
Total	3,200	NR		123		NR	

Table 10A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP A-20 (2.5-3.0)	FP A-21 (4.5-5.0)		FP A-22 (3.5-4.0)
Sample Date		4/19/2012	4/19/2012		4/19/2012
Metals (mg/kg)					
Aluminum	NS	NR	4990		NR
Antimony	NS	NR	1.6	J	NR
Arsenic	16	NR	9.9		NR
Barium	820	NR	1280		NR
Beryllium	47	NR	0.33	J	NR
Cadmium	7.5	NR	1.6		NR
Calcium	NS	NR	54400		NR
Chromium	19	NR	50.3		NR
Cobalt	NS	NR	6.7	J	NR
Copper	1720	NR	444		NR
Iron	NS	NR	24200		NR
Lead	450	NR	823		NR
Magnesium	NS	NR	4460		NR
Manganese	2000	NR	285		NR
Nickel	130	NR	39.2		NR
Potassium	NS	NR	975	J	NR
Selenium	4	NR	1.8	J	NR
Silver	8.3	NR	0.26	J	NR
Sodium	NS	NR	540	J	NR
Vanadium	NS	NR	28.8		NR
Zinc	2480	NR	1370		NR
Mercury	0.73	NR	1.2		NR
General Chemistry					
Percent Moisture - %	NS	20.9	13.6		26.4
Percent Solids - %	NS	79.1	86.4		73.6

Notes:

highlighted cells indicate exceedances of NYSDEC Part 375 SCOs

nd - compound was not detected at the MDL.

j - Indicates an estimated value.

b - The analyte was found in an associated blank, as well as in the sample.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit for VOCs

* - RPD of the LCS and LCSD exceeds the control limits for VOCs

* - LCS or LCSD exceeds the control limits for VOCs and SVOCs

NR - Analysis not Requested

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 10B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-1 2'	FP-B-2 3'	FP-B-3 3'	FP-B-4 3'	FP-B-5 5'	FP-B-6 3.5'	FP-B-7 3.75'	FP-B-8 2'	FP-B-9 4'	FP-B-10 5.5'	FP-B-11 3.5'
Sample Date		2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/15/2012	2/14/2012
Volatile Organic Compounds (VOCs) (ug/kg)												
Acetone	50	11 JB	21 B	26 B	36 B	16 B	23 B	23 B	18 B	33 B	32 B	ND
Benzene	60	ND	2.1	2.8	1.4	1.5	1.2	2.7	0.4 J	3.2	10	180
Carbon disulfide	NS	ND	0.37 J	0.34 J	0.5 J	0.17 J	0.35 J	0.39 J	ND	0.46 J	0.54 J	ND
cis-1,2-Dichloroethene	250	ND	ND	0.41 J	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	2	0.43 J	0.22 J	ND	1.6	0.87 J	ND	1.9	16	1300
1,2-dichloroethene	NS	ND	ND	0.41 j	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	1.8 J	ND	ND	6.1 J	ND	ND	ND	ND	4.8 J	4.7 J	ND
Methylene Chloride	50	ND	0.8 JB	ND	0.39 J	0.37 JB	0.45 J	1.3	0.28 J	0.29 J	0.27 JB	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7 J	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	ND	0.77 J	0.34 J	ND	0.21 J	0.43 J	0.52 J	ND	0.23 J	12	47 J
Total Xylenes	1,600	ND	4.8	1.4 J	ND	ND	3 J	1.2 J	ND	3.3 J	38	1600
Vinyl Chloride	20	ND	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)												
Acenaphthene	98,000	160 J	3,600	310 J	400 J	350 J	2,100	970	610 J	540	390 J	17,000
Acenaphthylene	107,000	74 J	ND	ND	91 J	ND	ND	220 J	300 J	90 J	ND	ND
Anthracene	1,000,000	380 J	3,800	340 J	570	560	1,800	1,500	2,200	700	290 J	14,000
Benzo(a)anthracene	1,000	1,400	7,200	830	1,600	1,100	1,400	3,600	6,000	1,700	270	14,000
Benzo(a)pyrene	22,000	1,400	5,800	700	1,600	830	910	3,300	5,800	1,600	140	7,400
Benzo(b)fluoranthene	1,700	1,500	6,300	730	1,800	900	1,100	3,400	5,600	1,600	190	10,000
Benzo(g,h,i)perylene	1,000,000	1,200	3,900	510	1,400	420	470 J	2,700	5,300	1,000	53 J	3,400 J
Benzo(k)fluoranthene	1,700	600	3,000	350	760	410	420	1,600	2,800	740	95	3,900
Bis(2-ethylhexyl)phthalate	NS	420 J	ND	150 J	ND	200 J	ND	ND	ND	610	ND	ND
Carbazole	NS	110 J	1,600 J	110 J	150 J	180 J	1,300	580 J	690 J	410	210 J	4,300
Chrysene	1,000	1,600	8,200	950	1,900	1,200	1,500	3,700	6,500	1,800	290 J	15,000
Dibenz(a,h) anthracene	1,000,000	260	1,100	150	320	120	110	630	1,300	280	ND	790
Dibenzofuran	210,000	99 J	3,100	310 J	180 J	180 J	2,200	780 J	490 J	430	400	14,000
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	100 J	ND
di-n-Butylphthalate	NS	200 J	ND	ND	ND	ND	ND	610 J	ND	ND	ND	ND
Fluoranthene	1,000,000	2,800	19,000	2,500	3,500	2,600	5,000	8,700	13,000	3,500	1400	55,000
Flourene	386,000	230 J	6,900	640	580	410	3,900	1,700	1,100	790	650	30,000
Indeno(1,2,3-cd)pyrene	8,200	1,200	4,200	550	1,400	500	530	2,700	5,100	1,000	64	3,800
Isophorone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	NS	110 J	3,000	260 J	160 J	170 J	1,400	920	370 J	780	370 J	11,000
Napthalene	12,000	140 J	2,600	370 J	320 J	350 J	4,900	2,400	560 J	1,500	750	13,000
Phenanthrene	1,000,000	1,500	22,000	2,600	2,200	2,100	9,000	7,400	7,600	3,200	2400	83,000
Pyrene	1,000,000	2,300	14,000	1,700	2,900	1,900	3,500	6,600	9,300	2,700	980	40,000
Total Petroleum Hydrocarbon (TPH) (ug/kg)												
Qualitative Method	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND

Table 10B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-1 2'	FP-B-2 3'	FP-B-3 3'	FP-B-4 3'	FP-B-5 5'	FP-B-6 3.5'	FP-B-7 3.75'	FP-B-8 2'	FP-B-9 4'	FP-B-10 5.5'	FP-B-11 3.5'
Sample Date		2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/15/2012	2/14/2012
Pesticides (ug/kg)												
4,4'-DDD	14,000	NA	11	NA	NA	NA	NA	NA	NA	NA	NA	ND
4,4'-DDE	17,000	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
4,4'-DDT	136,000	NA	61	NA	NA	NA	NA	NA	NA	NA	NA	4.4 Jp
alpha-BHC	20	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
alpha-Chlordane	2,900	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
gamma-Chlordane	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	5.5 Jp
Dieldrin	100	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Endrin	60	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Heptachlor	380	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
PCBs (ug/kg)												
Aroclor 1254	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Aroclor 1260	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Total PCBs	3,200	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Metals (mg/kg)												
Aluminum	NS	NA	4,860	NA	NA	NA	NA	NA	NA	NA	NA	7,090
Arsenic	16	NA	4.9	NA	NA	NA	NA	NA	NA	NA	NA	4.7
Barium	820	NA	70.5	NA	NA	NA	NA	NA	NA	NA	NA	77.8
Beryllium	47	NA	0.28 J	NA	NA	NA	NA	NA	NA	NA	NA	0.33 J
Cadmium	7.5	NA	0.4 J	NA	NA	NA	NA	NA	NA	NA	NA	0.49 J
Calcium	NS	NA	38,900	NA	NA	NA	NA	NA	NA	NA	NA	9,070
Chromium	NS	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	18.6
Cobalt	NS	NA	5 J	NA	NA	NA	NA	NA	NA	NA	NA	6.0 J
Copper	1720	NA	26.9	NA	NA	NA	NA	NA	NA	NA	NA	38
Iron	NS	NA	12,600	NA	NA	NA	NA	NA	NA	NA	NA	17,900
Lead	450	NA	105	NA	NA	NA	NA	NA	NA	NA	NA	158
Magnesium	NS	NA	5,460	NA	NA	NA	NA	NA	NA	NA	NA	2,480
Manganese	2000	NA	307	NA	NA	NA	NA	NA	NA	NA	NA	293
Mercury	0.73	NA	0.11	NA	NA	NA	NA	NA	NA	NA	NA	0.340
Nickel	130	NA	18.4	NA	NA	NA	NA	NA	NA	NA	NA	15.3
Potassium	NS	NA	702 J	NA	NA	NA	NA	NA	NA	NA	NA	839 J
Selenium	4	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Silver	8.3	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Sodium	NS	NA	241 J	NA	NA	NA	NA	NA	NA	NA	NA	204 J
Thallium	NS	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
Vanadium	NS	NA	22.2	NA	NA	NA	NA	NA	NA	NA	NA	31.9
Zinc	2480	NA	113	NA	NA	NA	NA	NA	NA	NA	NA	151

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 10B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-12 3.5'		FB-B-13 3'		FB-B-13 3' Dup		FB-B-14 4'		FB-B-15 3'		FB-B-16 4.5'		FP-B-17 4.5'		FB-B- 18 4.5'		FP-B-19 3.5'		FP-B-20 4.5'	
Sample Date		2/14/2012		2/16/2012		2/16/2012		2/16/2012		2/16/2012		2/16/2012		2/15/2012		2/16/2012		2/15/2012		2/15/2012	
Volatile Organic Compounds (VOCs) (ug/kg)																					
Acetone	50	22	B	31	B	33	B	16		18		19		97	B	13		8.1	JB	22	B
Benzene	60	ND		1.1		1.7		0.28	J	0.39	J	ND		ND		ND		0.21	J	0.25	J
Carbon disulfide	NS	0.26	J	0.45	J	0.54	J	ND		0.27	J	ND		0.97	J	0.35	J	ND		0.40	J
cis-1,2-Dichloroethene	250	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Ethylbenzene	1,000	ND		3.7		3.1		0.44	J	0.28	J	ND		ND		ND		ND		0.35	J
1,2-dichloroethene	NS	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl Ethyl Ketone	120	3.4	J	6.5	J	6.0	J	2.3	JB	3.0	JB	2.4	J	7.8	J	1.6	J	ND		ND	J
Methylene Chloride	50	0.46	J	ND		ND		0.35	JB	0.28	JB	0.2	JB	0.35	JB	0.41	JB	0.40	JB	0.31	JB
Styrene	NS	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	1,300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	700	0.17	J	0.52	J	0.72	J	0.19	J	0.17	J	0.19	J	0.29	J	ND		ND		0.36	J
Total Xylenes	1,600	ND		5.1		6.8		ND		ND		ND		ND		ND		ND		1.2	J
Vinyl Chloride	20	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)																					
Acenaphthene	98,000	250	J	830		1,000		ND		790		ND		ND		140	J	390	J	410	J
Acenaphthylene	107,000	55	J	ND		120	J	ND		ND		ND		ND		ND		110	J	ND	
Anthracene	1,000,000	410		1,000		2,300		ND		420		ND		ND		340	J	1,200		310	J
Benzo(a)anthracene	1,000	1,500		810		1,300		ND		1,100		65		93		850		3,500		1,000	
Benzo(a)pyrene	22,000	1,400		330		570		ND		1,000		43		67		720		3,400		840	
Benzo(b)fluoranthene	1,700	1,700		550		900		ND		1,000		47		71		800		3,700		990	
Benzo(g,h,i)perylene	1,000,000	1,100		240	J	420	J	ND		690		ND		ND		360	J	2,400		540	
Benzo(k)fluoranthene	1,700	670		220		350		ND		430		20	J	38	J	330		1,400		400	
Bis(2-ethylhexyl)phthalate	NS	ND		ND		ND		ND		ND		ND		1,000		ND		ND		ND	
Carbazole	NS	88	J	180	J	170	J	ND		150	J	ND		ND		55	J	470		60	J
Chrysene	1,000	1,800		870		1,600		ND		1,100		53	J	100	J	890		3,700		1,100	
Dibenz(a,h) anthracene	1,000,000	300		49		83		ND		140		ND		ND		76		540		120	
Dibenzofuran	210,000	110	J	680		880		ND		87	J	ND		ND		ND		290	J	170	J
2,4-Dimethylphenol	NS	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
di-n-Butylphthalate	NS	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	1,000,000	3,300		4,300		6,700		ND		2,100		110	J	200	J	1,700		6,600		2,800	
Flourene	386,000	430		1,900		2,600		ND		1,000		ND		ND		120	J	460		460	
Indeno(1,2,3-cd)pyrene	8,200	1,100		240		420		ND		670		17	J	ND		360		2,300		570	
Isophorone	NS	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-methylnaphthalene	NS	100	J	1,200		2,100		62	J	170	J	ND		ND		ND		130	J	84	J
Napthalene	12,000	100	J	140	J	260	J	ND		1,200		ND		ND		ND		180	J	240	J
Phenanthrene	1,000,000	2,200		6,800		9,700		90	J	2,800		89	J	170	J	1,200		4,700		2,000	
Pyrene	1,000,000	2,500		3,200		4,800		ND		2,200		120	J	160	J	1,800		6,300		2,000	
Total Petroleum Hydrocarbon (TPH) (ug/kg)																					
Qualitative Method	NS	NA		ND		ND		NA		NA		NA		NA		NA		NA		ND	

Table 10B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS vs. NYSDEC PART 375 SOIL CLEANUP OBJECTIVES (SCOs) - PROTECTION OF GROUNDWATER
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC Part 375-6.8(b): Protection of GW SCOs	FP-B-12 3.5'	FB-B-13 3'	FB-B-13 3' Dup	FB-B-14 4'	FB-B-15 3'	FB-B-16 4.5'	FP-B-17 4.5'	FB-B- 18 4.5'	FP-B-19 3.5'	FP-B-20 4.5'
Sample Date		2/14/2012	2/16/2012	2/16/2012	2/16/2012	2/16/2012	2/16/2012	2/15/2012	2/16/2012	2/15/2012	2/15/2012
Pesticides (ug/kg)											
4,4'-DDD	14,000	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
4,4'-DDE	17,000	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
4,4'-DDT	136,000	NA	ND	ND	NA	NA	NA	NA	NA	NA	8.4 J
alpha-BHC	20	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
alpha-Chlordane	2,900	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
gamma-Chlordane	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Dieldrin	100	NA	ND	ND	NA	NA	NA	NA	NA	NA	4.3 Jp
Endrin	60	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Heptachlor	380	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
PCBs (ug/kg)											
Aroclor 1254	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	72 J
Aroclor 1260	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Total PCBs	3,200	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Metals (mg/kg)											
Aluminum	NS	NA	6,400	7,460	NA	NA	NA	NA	NA	NA	6,510
Arsenic	16	NA	3.9	5.4	NA	NA	NA	NA	NA	NA	8.5
Barium	820	NA	194	306	NA	NA	NA	NA	NA	NA	101
Beryllium	47	NA	0.39 J	0.38 J	NA	NA	NA	NA	NA	NA	0.42 J
Cadmium	7.5	NA	0.36 J	0.56 J	NA	NA	NA	NA	NA	NA	0.18 J
Calcium	NS	NA	3970	5930	NA	NA	NA	NA	NA	NA	17800
Chromium	NS	NA	18.8	22.2	NA	NA	NA	NA	NA	NA	15.5
Cobalt	NS	NA	6.7 J	7.5 J	NA	NA	NA	NA	NA	NA	6.9 J
Copper	1720	NA	62.9	102	NA	NA	NA	NA	NA	NA	45.0
Iron	NS	NA	18,100	19,200	NA	NA	NA	NA	NA	NA	18,200
Lead	450	NA	188	256	NA	NA	NA	NA	NA	NA	257
Magnesium	NS	NA	2,020	2,770	NA	NA	NA	NA	NA	NA	1,950
Manganese	2000	NA	317	296	NA	NA	NA	NA	NA	NA	255
Mercury	0.73	NA	0.19	0.19	NA	NA	NA	NA	NA	NA	ND
Nickel	130	NA	15.3	19.0	NA	NA	NA	NA	NA	NA	14.9
Potassium	NS	NA	890 J	1440	NA	NA	NA	NA	NA	NA	877 J
Selenium	4	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Silver	8.3	NA	0.80 J	1.9 J	NA	NA	NA	NA	NA	NA	ND
Sodium	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Thallium	NS	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND
Vanadium	NS	NA	24.4	27.5	NA	NA	NA	NA	NA	NA	21.9
Zinc	2480	NA	183	270	NA	NA	NA	NA	NA	NA	140

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
nd - compound was not detected at the MDL.
NA - sample was not analyzed for these compounds
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 11A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-1 SUR	FP A-2 SUR	FP A-3 SUR	FP A-4 SUR	FP A-5 SUR	FP A-6 SUR	FP A-7 SUR	FP A-8 SUR	FP A-9 SUR
Sample Date			4/20/2012	4/20/2012	4/20/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	630	20,000	65 J	ND	60 J	280 J	120 J	ND	59 J	ND	ND
Acenaphthylene	140	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,100	100,000	200 J	130 J	180 J	760	280 J	140 J	230 J	ND	ND
Benzo[a]anthracene	2,100	1,000	480	320	530	1700	720	650	1300	86	220
Benzo[a]pyrene	2,000	1,000	340	240	460	1400	580	540	940	79	170
Benzo[b]fluoranthene	1,800	1,000	450	290	570	1800	680	660	1200	120	270
Benzo[g,h,i]perylene	1,500	100,000	180 J	150 J	290 J	780	350 J	310 J	560	66 J	ND
Benzo[k]fluoranthene	2,000	800	170	ND	210	750	340	300	660	39	89
Chrysene	2,400	1,000	490	370 J	600	1600	730	600	1200	94 J	230 J
Dibenz(a,h)anthracene	480	330	ND	ND	ND	270	110	100	200	ND	ND
Fluoranthene	5,200	100,000	850	560	860	3000	1300	1000	2600	160 J	320 J
Fluorene	600	30,000	100 J	ND	85 J	370 J	120 J	50 J	86 J	ND	ND
Indeno[1,2,3-cd]pyrene	1,500	500	190	170	310	870	370	330	640	68	ND
Naphthalene	210	12,000	ND	ND	ND	ND	56 J	ND	ND	ND	ND
Phenanthrene	4,400	100,000	670	480	650	3000	1100	600	990	94 J	210 J
Pyrene	4,700	100,000	920	610	880	3200	1400	980	1900	180 J	330 J
Metals (mg/kg)											
Arsenic	28.1	13	9.3	NR	NR	4.9	NR	NR	NR	1.9	NR
Barium	248	350	76.1	NR	NR	97.8	NR	NR	NR	33.4 J	NR
Beryllium	1.1	7.2	0.32 J	NR	NR	0.39	NR	NR	NR	0.23 J	NR
Cadmium	1.5	2.5	1.1	NR	NR	0.55	NR	NR	NR	0.22 J	NR
Chromium	55	1	21.4	NR	NR	26.8	NR	NR	NR	10.9	NR
Copper	141	50	62.2	NR	NR	39.6	NR	NR	NR	20.9	NR
Lead	891	63	106	NR	NR	99.0	NR	NR	NR	55.5	NR
Manganese	408	1600	279	NR	NR	317	NR	NR	NR	216	NR
Nickel	48.1	30	20.6	NR	NR	23.7	NR	NR	NR	8.8	NR
Selenium	3.6	3.9	ND	NR	NR	ND	NR	NR	NR	ND	NR
Silver	1.9	2	ND	NR	NR	ND	NR	NR	NR	ND	NR
Zinc	515	109	139	NR	NR	131	NR	NR	NR	58.6	NR
Mercury	3.3	0.18	0.14	NR	NR	0.16	NR	NR	NR	0.036	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data [1].

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 11A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-10 SUR	FP A-11 SUR	FP A-12 SUR	FP A-13 SUR	FP A-14 SUR	FP A-15 SUR	FP A-15 SUR Dup	FP A-16 SUR	FP A-17 SUR
Sample Date			4/19/2012	4/19/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/17/2012	4/17/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	630	20,000	ND	ND	100 J	ND	ND	ND	ND	ND	180 J
Acenaphthylene	140	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,100	100,000	ND	93 J	190 J	200 J	ND	70 J	ND	ND	540
Benzo[a]anthracene	2,100	1,000	230	290	520	1100	59	320	58	49	1000
Benzo[a]pyrene	2,000	1,000	ND	300	380	1100	36 J	380	53	54	850
Benzo[b]fluoranthene	1,800	1,000	ND	370	460	1200	50	540	77	65	1100
Benzo[g,h,i]perylene	1,500	100,000	ND	150 J	340 J	980	31 J	330 J	46 J	38 J	550
Benzo[k]fluoranthene	2,000	800	ND	170	220	430	31 J	190	46	33 J	410
Chrysene	2,400	1,000	250 J	290 J	550	1200	66 J	390 J	69 J	50 J	1000
Dibenz(a,h)anthracene	480	330	ND	ND	60	150	ND	75	12 J	ND	170
Fluoranthene	5,200	100,000	320 J	460	1100	1700	110 J	500	61 J	79 J	1800
Fluorene	600	30,000	ND	ND	110 J	58 J	ND	ND	ND	ND	200 J
Indeno[1,2,3-cd]pyrene	1,500	500	ND	170	320	1000	28 J	330	38 J	41	620
Naphthalene	210	12,000	ND	ND	110 J	ND	ND	ND	ND	ND	49 J
Phenanthrene	4,400	100,000	260 J	340 J	1100	720	97 J	310 J	ND	ND	1800
Pyrene	4,700	100,000	330 J	470	810	1500	98 J	460	65 J	95 J	1800
Metals (mg/kg)											
Arsenic	28.1	13	NR	NR	NR	NR	NR	3.6	NR	NR	NR
Barium	248	350	NR	NR	NR	NR	NR	68.3	NR	NR	NR
Beryllium	1.1	7.2	NR	NR	NR	NR	NR	0.25 J	NR	NR	NR
Cadmium	1.5	2.5	NR	NR	NR	NR	NR	0.46 J	NR	NR	NR
Chromium	55	1	NR	NR	NR	NR	NR	14.1	NR	NR	NR
Copper	141	50	NR	NR	NR	NR	NR	67.9	NR	NR	NR
Lead	891	63	NR	NR	NR	NR	NR	181	NR	NR	NR
Manganese	408	1600	NR	NR	NR	NR	NR	220	NR	NR	NR
Nickel	48.1	30	NR	NR	NR	NR	NR	15.9	NR	NR	NR
Selenium	3.6	3.9	NR	NR	NR	NR	NR	ND	NR	NR	NR
Silver	1.9	2	NR	NR	NR	NR	NR	ND	NR	NR	NR
Zinc	515	109	NR	NR	NR	NR	NR	172	NR	NR	NR
Mercury	3.3	0.18	NR	NR	NR	NR	NR	0.29	NR	NR	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data [1].

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 11A
COMPLEX A SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-18 SUR	FP A-19 SUR	FP A-20 SUR	FP A-20 SUR Dup	FP A-21 SUR	FP A-22 SUR
Sample Date			4/17/2012	4/17/2012	4/17/2012	4/18/2012	4/17/2012	4/17/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)								
Acenaphthene	630	20,000	ND	ND	ND	ND	ND	ND
Acenaphthylene	140	100,000	ND	ND	ND	ND	ND	ND
Anthracene	1,100	100,000	79 J	90 J	ND	ND	ND	61 J
Benzo[a]anthracene	2,100	1,000	310	380	ND	ND	130	330
Benzo[a]pyrene	2,000	1,000	320	430	ND	ND	140	320
Benzo[b]fluoranthene	1,800	1,000	390	540	ND	ND	190	420
Benzo[g,h,i]perylene	1,500	100,000	200 J	330 J	ND	ND	110 J	240 J
Benzo[k]fluoranthene	2,000	800	150	190	ND	ND	69	190
Chrysene	2,400	1,000	310 J	400	ND	ND	140 J	380
Dibenz(a,h)anthracene	480	330	ND	65	ND	ND	ND	66
Fluoranthene	5,200	100,000	460	640	ND	ND	190 J	560
Fluorene	600	30,000	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	1,500	500	220	310	ND	ND	110	250
Naphthalene	210	12,000	ND	ND	ND	ND	ND	ND
Phenanthrene	4,400	100,000	300 J	340 J	ND	ND	62 J	310 J
Pyrene	4,700	100,000	490	720	ND	ND	260 J	600
Metals (mg/kg)								
Arsenic	28.1	13	NR	NR	NR	NR	1.7	NR
Barium	248	350	NR	NR	NR	NR	42.3	NR
Beryllium	1.1	7.2	NR	NR	NR	NR	0.24 J	NR
Cadmium	1.5	2.5	NR	NR	NR	NR	0.38 J	NR
Chromium	55	1	NR	NR	NR	NR	10.4	NR
Copper	141	50	NR	NR	NR	NR	19.1	NR
Lead	891	63	NR	NR	NR	NR	38.8	NR
Manganese	408	1600	NR	NR	NR	NR	234	NR
Nickel	48.1	30	NR	NR	NR	NR	9.0	NR
Selenium	3.6	3.9	NR	NR	NR	NR	ND	NR
Silver	1.9	2	NR	NR	NR	NR	ND	NR
Zinc	515	109	NR	NR	NR	NR	59.2	NR
Mercury	3.3	0.18	NR	NR	NR	NR	0.98	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data [1].

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

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J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

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* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 11B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-1 S	FP-B-2 S	FP-B-3 S	FP-B-3 S DUP	FP-B-4 S	FP-B-5 S	FP-B-6 S	FP-B-7 S	FP-B-8 S
Sample Date			2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	630	20,000	340 J	2,100 J	1,300	960	120 J	2,200	9,000	6,100	190 J
Acenaphthylene	140	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,100	100,000	890	10,000	260 J	230 J	150 J	2,800	6,200	7,000	280 J
Benzo(a)anthracene	2,100	1,000	2,700	7,200	380	270	430	2,700	4,600	7,000	630
Benzo(a)pyrene	2,000	1,000	2,000	2,900	300	200	300	1,500	2,300	3,000	490
Benzo(b)fluoranthene	1,800	1,000	2,800	4,200	390	270	440	2,100	3,000	4,300	660
Benzo(g,h,i)perylene	1,500	100,000	1,500	1,000 J	190 J	130 J	170 J	680 J	800 J	1,200 J	340 J
Benzo(k)fluoranthene	2,000	800	1,000	1,800	170	110	170	770	1,500	1,900	260
Chrysene	2,400	1,000	2,900	7,700	540	370	620	3,200	5,100	7,500	760
Dibenz(a,h) anthracene	480	330	400	290 J	50	30 J	45	200	240	250 J	89
Fluoranthene	5,200	100,000	6,100	39,000	1,600	1,300	1,500	12,000	22,000	38,000	1,800
Flourene	600	30,000	480 J	7,100	2,500	1,800	180 J	4,100	12,000	14,000	350 J
Indeno(1,2,3-cd)pyrene	1,500	500	1,600	1,200	200	140	190	800	970	1,300	380
Napthalene	210	12,000	170 J	ND	530	450	160 J	1,100	1,900	1,000 J	320 J
Phenanthrene	4,400	100,000	4,000	50,000	3,700	3,000	780	14,000	38,000	54,000	1,500
Pyrene	4,700	100,000	4,400	26,000	1,100	880	1,200	7,700	15,000	27,000	1,300
Metals (mg/kg)											
Arsenic	28.1	13	NA	NA	2.9	4.6	NA	NA	NA	NA	2.9
Barium	248	350	NA	NA	77.9	90.8	NA	NA	NA	NA	54.7
Beryllium	1.10	7.2	NA	NA	0.29	0.39 J	NA	NA	NA	NA	0.3 J
Cadmium	1.50	2.5	NA	NA	0.39	0.51 J	NA	NA	NA	NA	0.29 J
Chromium	55	30	NA	NA	15.9	30.1	NA	NA	NA	NA	28
Copper	141	50	NA	NA	84	87	NA	NA	NA	NA	59.8
Lead	891	63	NA	NA	124	112	NA	NA	NA	NA	67.1
Manganese	408	1,600	NA	NA	314	490	NA	NA	NA	NA	383
Mercury	3.3	0.18	NA	NA	0.16	0.15	NA	NA	NA	NA	0.18
Nickel	48.1	30	NA	NA	11.9	14.1	NA	NA	NA	NA	24.2
Selenium	3.6	3.9	NA	NA	ND	ND	NA	NA	NA	NA	ND
Silver	1.9	2	NA	NA	ND	ND	NA	NA	NA	NA	ND
Zinc	5.5	109	NA	NA	102	95.1	NA	NA	NA	NA	89.3

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York.

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 11B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-9 S	FP-B-10 S	FP-B-11 S	FP-B-12 S	FP-B-13 S	FB-B-14 S	FB-B-15 S	FB-B-16 S	FP-B-17 S
Sample Date			2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/16/2012	2/16/2012	2/16/2012	2/16 - 17/2012	2/15/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	630	20,000	220 J	1,700 J	2,000	1,500	120	320 J	140 J	71 J	120 J
Acenaphthylene	140	100,000	59 J	ND	ND	ND	ND J	ND	ND	ND	ND
Anthracene	1,100	100,000	150 J	3,700	4,800	2,700	130 J	720	ND	ND	290 J
Benzo(a)anthracene	2,100	1,000	460	4,400	2,100	2,100	520	880	160	340	1,000
Benzo(a)pyrene	2,000	1,000	520	2,400	870	1,000	450	460	130	330	1,000
Benzo(b)fluoranthene	1,800	1,000	630	3,300	1,300	1,600	590	730	180	370	1,100
Benzo(g,h,i)perylene	1,500	100,000	420	1,000 J	320 J	680 J	380	310 J	67 J	270 J	870
Benzo(k)fluoranthene	2,000	800	230	1,700	660	680	230	380	75	140	450
Chrysene	2,400	1,000	560	5,300	2,900	2,300	520	1,000	190 J	340 J	1,200
Dibenz(a,h) anthracene	480	330	91	340	ND	180	78	52	11 J	63	210
Fluoranthene	5,200	100,000	1,100	17,000	11,000	8,400	970	2,700	390	610	2,300
Flourene	600	30,000	310 J	3,500	3,900	2,300	120 J	430	50 J	ND	150 J
Indeno(1,2,3-cd)pyrene	1,500	500	420	1,200	350	750	400	300	62	270	820
Napthalene	210	12,000	290 J	800 J	590 J	510 J	ND	59 J	ND	ND	59 J
Phenanthrene	4,400	100,000	950	16,000	19,000	11,000	870	3,500	350 J	370 J	1,600
Pyrene	4,700	100,000	820	12,000	7,500	5,200	890	2,100	370	670	1,800
Metals (mg/kg)											
Arsenic	28.1	13	NA	NA	NA	NA	NA	NA	NA	6.3	5.5
Barium	248	350	NA	NA	NA	NA	NA	NA	NA	104	425
Beryllium	1.10	7.2	NA	NA	NA	NA	NA	NA	NA	0.36 J	0.44
Cadmium	1.50	2.5	NA	NA	NA	NA	NA	NA	NA	0.53 J	0.81 J
Chromium	55	30	NA	NA	NA	NA	NA	NA	NA	21.1	23.7
Copper	141	50	NA	NA	NA	NA	NA	NA	NA	154	73.7
Lead	891	63	NA	NA	NA	NA	NA	NA	NA	254	274
Manganese	408	1,600	NA	NA	NA	NA	NA	NA	NA	310	317
Mercury	3.3	0.18	NA	NA	NA	NA	NA	NA	NA	0.29	0.44
Nickel	48.1	30	NA	NA	NA	NA	NA	NA	NA	15.5	15.3
Selenium	3.6	3.9	NA	NA	NA	NA	NA	NA	NA	ND	ND
Silver	1.9	2	NA	NA	NA	NA	NA	NA	NA	0.3 J	ND
Zinc	5.5	109	NA	NA	NA	NA	NA	NA	NA	274	369

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York.

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 11B
COMPLEX B SURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FB-B-18 S		FP-B-19 S		FP-B-20 S	
Sample Date			2/16/2012		2/15/2012		2/15/2012	
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)								
Acenaphthene	630	20,000	100	J	210	J	1,400	
Acenaphthylene	140	100,000	ND		ND		ND	
Anthracene	1,100	100,000	250	J	450		1,800	
Benzo(a)anthracene	2,100	1,000	260		620		1,600	
Benzo(a)pyrene	2,000	1,000	230		340		940	
Benzo(b)fluoranthene	1,800	1,000	420		650		1,200	
Benzo(g,h,i)perylene	1,500	100,000	260	J	210	J	610	J
Benzo(k)fluoranthene	2,000	800	140		250		580	
Chrysene	2,400	1,000	360		950		1,800	
Dibenz(a,h) anthracene	480	330	41		ND		150	
Fluoranthene	5,200	100,000	1,100		2,700		6,200	
Flourene	600	30,000	210	J	540		2,800	
Indeno(1,2,3-cd)pyrene	1,500	500	220		220		670	
Napthalene	210	12,000	ND		ND		120	J
Phenanthrene	4,400	100,000	1,400		2,800		9,600	
Pyrene	4,700	100,000	970		1,800		4,300	
Metals (mg/kg)								
Arsenic	28.1	13	NA		NA		NA	
Barium	248	350	NA		NA		NA	
Beryllium	1.10	7.2	NA		NA		NA	
Cadmium	1.50	2.5	NA		NA		NA	
Chromium	55	30	NA		NA		NA	
Copper	141	50	NA		NA		NA	
Lead	891	63	NA		NA		NA	
Manganese	408	1,600	NA		NA		NA	
Mercury	3.3	0.18	NA		NA		NA	
Nickel	48.1	30	NA		NA		NA	
Selenium	3.6	3.9	NA		NA		NA	
Silver	1.9	2	NA		NA		NA	
Zinc	5.5	109	NA		NA		NA	

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-1 (5.5-6.0)	FP A-2 (4.5-5.0)	FP A-3 (4.0-4.5)	FP A-4 (4.0 4.5)	FP A-5 (3.0-3.5)	FP A-6 (3.5-4.0)	FP A-7 (4.0-4.5)	FP A-8 (4.0-4.5)	FP A-9 (3.5-4.0)
Sample Date			**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/23/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**	**4/20/2012**
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	490	20,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	200	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	850	100,000	58 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	2,600	1,000	260	ND	110	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	2,700	1,000	240	ND	88	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	2,200	1,000	250	ND	110	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	1,700	100,000	120 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	2,800	800	140	ND	51	ND	ND	ND	ND	ND	ND
Chrysene	2,800	1,000	270 J	ND	120 J	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	490	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	5,900	100,000	500	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	420	30,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	1,800	500	130	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	420	12,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	4,300	100,000	340 J	ND	200 J	ND	ND	ND	ND	ND	ND
Pyrene	5,500	100,000	540	ND	220 J	ND	55 J	ND	ND	ND	ND
Metals (mg/kg)											
Arsenic	20.1	13	NR	NR	3.8	NR	NR	NR	NR	3.3	NR
Barium	253	350	NR	NR	49.0	NR	NR	NR	NR	54.2	NR
Beryllium	0.89	7.2	NR	NR	0.42 J	NR	NR	NR	NR	0.45	NR
Cadmium	1.9	2.5	NR	NR	ND	NR	NR	NR	NR	ND	NR
Chromium	44	1	NR	NR	17.8	NR	NR	NR	NR	21.8	NR
Copper	114	50	NR	NR	19.8	NR	NR	NR	NR	24.5	NR
Lead	840	63	NR	NR	26.4	NR	NR	NR	NR	22.5	NR
Manganese	461	1600	NR	NR	352	NR	NR	NR	NR	412	NR
Nickel	34.5	30	NR	NR	12.9	NR	NR	NR	NR	14.3	NR
Selenium	3.1	3.9	NR	NR	ND	NR	NR	NR	NR	ND	NR
Silver	1.5	2	NR	NR	ND	NR	NR	NR	NR	ND	NR
Zinc	1,440	109	NR	NR	71.9	NR	NR	NR	NR	33.9	NR
Mercury	3.2	0.18	NR	NR	0.079	NR	NR	NR	NR	0.033 J	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-10 (4.0-5.0)	FP A-11 (3.5-4.0)	FP A-12 (4-4.5)	FP A-13 (4.0-4.5)	FP A-13 (4.0-4.5)Dup	FP A-14 (5.0-5.5)	FP A-15 (4.0-4.5)	FP A-16 (3.5-4.0)	FPA 17 (2.5-3.0)
Sample Date			4/23/2012	4/23/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/18/2012	4/19/2012	4/18/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	490	20,000	ND	ND	ND	ND	ND	ND	ND	2000 J	ND
Acenaphthylene	200	100,000	ND	ND	ND	ND	ND	ND	ND	400 J	ND
Anthracene	850	100,000	ND	ND	ND	ND	ND	ND	ND	4200	110 J
Benzo[a]anthracene	2,600	1,000	ND	51	190	20 J	82	ND	ND	14000	560
Benzo[a]pyrene	2,700	1,000	ND	41	200	11 J	67	ND	ND	15000	610
Benzo[b]fluoranthene	2,200	1,000	ND	62	180	15 J	83	ND	ND	16000	690
Benzo[g,h,i]perylene	1,700	100,000	ND	42 J	140 J	ND	59 J	ND	ND	9400	650
Benzo[k]fluoranthene	2,800	800	ND	27 J	80	ND	41	ND	ND	6700	310
Chrysene	2,800	1,000	ND	51 J	210 J	ND	97 J	ND	ND	15000	620
Dibenz(a,h)anthracene	490	330	ND	ND	19 J	ND	8.9 J	ND	ND	2300	85
Fluoranthene	5,900	100,000	ND	120 J	200 J	ND	130 J	ND	ND	25000	720
Fluorene	420	30,000	ND	ND	ND	ND	ND	ND	ND	2000 J	ND
Indeno[1,2,3-cd]pyrene	1,800	500	ND	36 J	100	ND	49	ND	ND	9600	590
Naphthalene	420	12,000	ND	ND	150 J	ND	ND	ND	ND	720 J	50 J
Phenanthrene	4,300	100,000	ND	97 J	120 J	ND	100 J	ND	110 J	22000	470
Pyrene	5,500	100,000	ND	120 J	250 J	ND	140 J	ND	ND	30000	680
Metals (mg/kg)											
Arsenic	20.1	13	NR	NR	NR	2.3	2.1	NR	NR	NR	NR
Barium	253	350	NR	NR	NR	32.6 J	50.7	NR	NR	NR	NR
Beryllium	0.89	7.2	NR	NR	NR	0.35 J	0.35 J	NR	NR	NR	NR
Cadmium	1.9	2.5	NR	NR	NR	ND	ND	NR	NR	NR	NR
Chromium	44	1	NR	NR	NR	15.4	16.6	NR	NR	NR	NR
Copper	114	50	NR	NR	NR	16.6	30.9	NR	NR	NR	NR
Lead	840	63	NR	NR	NR	17.2	77.3	NR	NR	NR	NR
Manganese	461	1600	NR	NR	NR	362	358	NR	NR	NR	NR
Nickel	34.5	30	NR	NR	NR	10.8	13.3	NR	NR	NR	NR
Selenium	3.1	3.9	NR	NR	NR	ND	ND	NR	NR	NR	NR
Silver	1.5	2	NR	NR	NR	ND	ND	NR	NR	NR	NR
Zinc	1,440	109	NR	NR	NR	26.9	60	NR	NR	NR	NR
Mercury	3.2	0.18	NR	NR	NR	ND	0.22	NR	NR	NR	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12A
COMPLEX A SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP A-18 (4.0-4.5)	FP A-19 (4.5-5.0)	FP A-20 (2.5-3.0)	FP A-21 (4.5-5.0)	FP A-22 (3.5-4.0)
Sample Date			4/17/2012	4/19/2012	4/19/2012	4/19/2012	4/19/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)							
Acenaphthene	490	20,000	ND	ND	100 J	1300 J	940 J
Acenaphthylene	200	100,000	ND	ND	ND	ND	420 J
Anthracene	850	100,000	ND	ND	270 J	4100	3000
Benzo[a]anthracene	2,600	1,000	ND	91	900	11000	12000
Benzo[a]pyrene	2,700	1,000	ND	91	1000	11000	11000
Benzo[b]fluoranthene	2,200	1,000	ND	120	1100	12000	11000
Benzo[g,h,i]perylene	1,700	100,000	ND	ND	540	7100	7500
Benzo[k]fluoranthene	2,800	800	ND	39 J	520	5600	4200
Chrysene	2,800	1,000	ND	100 J	900	12000	12000
Dibenz(a,h)anthracene	490	330	ND	ND	170	1700	1800
Fluoranthene	5,900	100,000	ND	160 J	1600	20000	16000
Fluorene	420	30,000	ND	ND	110 J	1700 J	1100 J
Indeno[1,2,3-cd]pyrene	1,800	500	ND	ND	620	7000	6800
Naphthalene	420	12,000	ND	ND	53 J	580 J	350 J
Phenanthrene	4,300	100,000	ND	78 J	1200	17000	15000
Pyrene	5,500	100,000	35 J	170 J	2000	28000	27000
Metals (mg/kg)							
Arsenic	20.1	13	NR	NR	NR	9.9	NR
Barium	253	350	NR	NR	NR	1280	NR
Beryllium	0.89	7.2	NR	NR	NR	0.33 J	NR
Cadmium	1.9	2.5	NR	NR	NR	1.6	NR
Chromium	44	1	NR	NR	NR	50.3	NR
Copper	114	50	NR	NR	NR	444	NR
Lead	840	63	NR	NR	NR	823	NR
Manganese	461	1600	NR	NR	NR	285	NR
Nickel	34.5	30	NR	NR	NR	39.2	NR
Selenium	3.1	3.9	NR	NR	NR	1.8 J	NR
Silver	1.5	2	NR	NR	NR	0.26 J	NR
Zinc	1,440	109	NR	NR	NR	1370	NR
Mercury	3.2	0.18	NR	NR	NR	1.2	NR

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-1 2'	FP-B-2 3'	FP-B-3 3'	FP-B-4 3'	FP-B-5 5'	FP-B-6 3.5'	FP-B-7 3.75'	FP-B-8 2'	FP-B-9 4'
Sample Date			2/13/2012	2/13/2012	2/13/2012	2/13/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	490	20,000	160 J	3,600	310 J	400 J	350 J	2,100	970	610 J	540
Acenaphthylene	200	100,000	74 J	ND	ND	91 J	ND	ND	220 J	300 J	90 J
Anthracene	850	100,000	380 J	3,800	340 J	570	560	1,800	1,500	2,200	700
Benzo(a)anthracene	2,600	1,000	1,400	7,200	830	1,600	1,100	1,400	3,600	6,000	1,700
Benzo(a)pyrene	2,700	1,000	1,400	5,800	700	1,600	830	910	3,300	5,800	1,600
Benzo(b)fluoranthene	2,200	1,000	1,500	6,300	730	1,800	900	1,100	3,400	5,600	1,600
Benzo(g,h,i)perylene	1,700	100,000	1,200	3,900	510	1,400	420	470 J	2,700	5,300	1,000
Benzo(k)fluoranthene	2,800	800	600	3,000	350	760	410	420	1,600	2,800	740
Chrysene	2,800	1,000	1,600	8,200	950	1,900	1,200	1,500	3,700	6,500	1,800
Dibenz(a,h) anthracene	490	330	260	1,100	150	320	120	110	630	1,300	280
Fluoranthene	5,900	100,000	2,800	19,000	2,500	3,500	2,600	5,000	8,700	13,000	3,500
Flourene	420	30,000	230 J	6,900	640	580	410	3,900	1,700	1,100	790
Indeno(1,2,3-cd)pyrene	1,800	500	1,200	4,200	550	1,400	500	530	2,700	5,100	1,000
Napthalene	420	12,000	140 J	2,600	370 J	320 J	350 J	4,900	2,400	560 J	1,500
Phenanthrene	4,300	100,000	1,500	22,000	2,600	2,200	2,100	9,000	7,400	7,600	3,200
Pyrene	5,500	100,000	2,300	14,000	1,700	2,900	1,900	3,500	6,600	9,300	2,700
Metals (mg/kg)											
Arsenic	20.1	13	NA	4.9	NA	NA	NA	NA	NA	NA	NA
Barium	253	350	NA	70.5	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.89	7.2	NA	0.28 J	NA	NA	NA	NA	NA	NA	NA
Cadmium	1.9	2.5	NA	0.4 J	NA	NA	NA	NA	NA	NA	NA
Chromium	43.8	30	NA	19	NA	NA	NA	NA	NA	NA	NA
Copper	114	50	NA	26.9	NA	NA	NA	NA	NA	NA	NA
Lead	840	63	NA	105	NA	NA	NA	NA	NA	NA	NA
Manganese	461	1,600	NA	307	NA	NA	NA	NA	NA	NA	NA
Mercury	3.2	0.18	NA	0.11	NA	NA	NA	NA	NA	NA	NA
Nickel	34.5	30	NA	18.4	NA	NA	NA	NA	NA	NA	NA
Selenium	3.1	3.9	NA	ND	NA	NA	NA	NA	NA	NA	NA
Silver	1.5	2	NA	ND	NA	NA	NA	NA	NA	NA	NA
Zinc	1440	109	NA	113	NA	NA	NA	NA	NA	NA	NA

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

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P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

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* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FP-B-10 5.5'	FP-B-11 3.5'	FP-B-12 3.5'	FB-B-13 3'	FB-B-13 3' Dup	FB-B-14 4'	FB-B-15 3'	FB-B-16 4.5'	FP-B-17 4.5'
Sample Date			2/15/2012	2/14/2012	2/14/2012	2/16/2012	2/16/2012	2/16/2012	2/16/2012	2/16/2012	2/15/2012
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)											
Acenaphthene	490	20,000	390 J	17,000	250 J	830	1,000	ND	790	ND	ND
Acenaphthylene	200	100,000	ND	ND	55 J	ND	120 J	ND	ND	ND	ND
Anthracene	850	100,000	290 J	14,000	410	1,000	2,300	ND	420	ND	ND
Benzo(a)anthracene	2,600	1,000	270	14,000	1,500	810	1,300	ND	1,100	65	93
Benzo(a)pyrene	2,700	1,000	140	7,400	1,400	330	570	ND	1,000	43	67
Benzo(b)fluoranthene	2,200	1,000	190	10,000	1,700	550	900	ND	1,000	47	71
Benzo(g,h,i)perylene	1,700	100,000	53 J	3,400 J	1,100	240 J	420 J	ND	690	ND	ND
Benzo(k)fluoranthene	2,800	800	95	3,900	670	220	350	ND	430	20 J	38 J
Chrysene	2,800	1,000	290 J	15,000	1,800	870	1,600	ND	1,100	53 J	100 J
Dibenz(a,h) anthracene	490	330	ND	790	300	49	83	ND	140	ND	ND
Fluoranthene	5,900	100,000	1,400	55,000	3,300	4,300	6,700	ND	2,100	110 J	200 J
Flourene	420	30,000	650	30,000	430	1,900	2,600	ND	1,000	ND	ND
Indeno(1,2,3-cd)pyrene	1,800	500	64	3,800	1,100	240	420	ND	670	17 J	ND
Napthalene	420	12,000	750	13,000	100 J	140 J	260 J	ND	1,200	ND	ND
Phenanthrene	4,300	100,000	2,400	83,000	2,200	6,800	9,700	90 J	2,800	89 J	170 J
Pyrene	5,500	100,000	980	40,000	2,500	3,200	4,800	ND	2,200	120 J	160 J
Metals (mg/kg)											
Arsenic	20.1	13	NA	4.7	NA	3.9	5.4	NA	NA	NA	NA
Barium	253	350	NA	77.8	NA	194	306	NA	NA	NA	NA
Beryllium	0.89	7.2	NA	0.33 J	NA	0.39 J	0.38 J	NA	NA	NA	NA
Cadmium	1.9	2.5	NA	0.49 J	NA	0.36 J	0.56 J	NA	NA	NA	NA
Chromium	43.8	30	NA	18.6	NA	18.8	22.2	NA	NA	NA	NA
Copper	114	50	NA	38	NA	62.9	102	NA	NA	NA	NA
Lead	840	63	NA	158	NA	188	256	NA	NA	NA	NA
Manganese	461	1,600	NA	293	NA	317	296	NA	NA	NA	NA
Mercury	3.2	0.18	NA	0.340	NA	0.19	0.19	NA	NA	NA	NA
Nickel	34.5	30	NA	15.3	NA	15.3	19.0	NA	NA	NA	NA
Selenium	3.1	3.9	NA	ND	NA	ND	ND	NA	NA	NA	NA
Silver	1.5	2	NA	ND	NA	0.80 J	1.9 J	NA	NA	NA	NA
Zinc	1440	109	NA	151	NA	183	270	NA	NA	NA	NA

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

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NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 12B
COMPLEX B SUBSURFACE SOIL ANALYTICAL RESULTS for SELECT PAHs and SELECT METALS vs. MANHATTAN BACKGROUND and NYSDEC UNRESTRICTED USE SCO
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	Manhattan Background 98th Percentile [1]	NYSDEC Part 375-6.8(a) Unrestricted Use SCO	FB-B- 18 4.5'		FP-B-19 3.5'		FP-B-20 4.5'	
Sample Date			2/16/2012		2/15/2012		2/15/2012	
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)								
Acenaphthene	490	20,000	140	J	390	J	410	J
Acenaphthylene	200	100,000	ND		110	J	ND	
Anthracene	850	100,000	340	J	1,200		310	J
Benzo(a)anthracene	2,600	1,000	850		3,500		1,000	
Benzo(a)pyrene	2,700	1,000	720		3,400		840	
Benzo(b)fluoranthene	2,200	1,000	800		3,700		990	
Benzo(g,h,i)perylene	1,700	100,000	360	J	2,400		540	
Benzo(k)fluoranthene	2,800	800	330		1,400		400	
Chrysene	2,800	1,000	890		3,700		1,100	
Dibenz(a,h) anthracene	490	330	76		540		120	
Fluoranthene	5,900	100,000	1,700		6,600		2,800	
Flourene	420	30,000	120	J	460		460	
Indeno(1,2,3-cd)pyrene	1,800	500	360		2,300		570	
Napthalene	420	12,000	ND		180	J	240	J
Phenanthrene	4,300	100,000	1,200		4,700		2,000	
Pyrene	5,500	100,000	1,800		6,300		2,000	
Metals (mg/kg)								
Arsenic	20.1	13	NA		NA		8.5	
Barium	253	350	NA		NA		101	
Beryllium	0.89	7.2	NA		NA		0.42	J
Cadmium	1.9	2.5	NA		NA		0.18	J
Chromium	43.8	30	NA		NA		15.5	
Copper	114	50	NA		NA		45.0	
Lead	840	63	NA		NA		257	
Manganese	461	1,600	NA		NA		255	
Mercury	3.2	0.18	NA		NA		ND	
Nickel	34.5	30	NA		NA		14.9	
Selenium	3.1	3.9	NA		NA		ND	
Silver	1.5	2	NA		NA		ND	
Zinc	1440	109	NA		NA		140	

Notes:

Highlighted cells indicate exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Manhattan, New York background data.[1.]

Only analytical results that correspond with PAHs and Metals from RETEC Background Report displayed.

1. - RETEC Group, Inc. March 24, 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. Table 4-3a. (PAHs) and Table 4-3b. (Metals)

ND - compound was not detected at the MDL.

NR - sample was not analyzed for these compounds

J - Indicates an estimated value.

B - The analyte was found in an associated blank, as well as in the sample.

P - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit

* - RPD of the LCS and LCSD exceeds the control limits

* - LCS or LCSD exceeds the control limits

NS - No Standard

NC - Samples not collected for this parameter.

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

Table 13A
DETECTED GROUNDWATER ANALYTICAL RESULTS COMPLEX A vs. TOGs 1.1.1 GROUNDWATER STANDARDS (CLASS GA)
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC TOGS 1.1.1 Standards & GV's [1]	PZ-A-1		PZ-A-2		PZ-A-3		PZ-A-4		PZ-A-5	
Sample Date		**4/24/2012**		**4/24/2012**		**4/24/2012**		**4/24/2012**		**4/24/2012**	
Volatile Organic Compounds (VOCs) (ug/L)											
Acetone	50 GV	ND		48		58		ND		12	
Carbon disulfide	NS	ND		0.54	J	0.83	J	ND		0.96	J
2-Butanone	50 GV	ND		2.7	J	4.6	J	ND		ND	
Benzene	1	ND		0.29	J	2.1		ND		2.2	
4-Methyl-2-pentanone	NS	ND		1.4	J	ND		ND		ND	
Tetrachloroethene	5	65	J	ND		ND		ND		ND	
Toluene	5	46000		0.91	J	0.56	J	ND		0.67	J
Ethylbenzene	5	27000		2.7		0.60	J	4700		0.76	J
Styrene	5	ND		ND		ND		6.3	J	0.54	J
Xylenes, Total	5[A]	140000		18		2.5	J	24000		4.9	
Semi-Volatile Organic Compounds (SVOCs) (ug/L)											
Phenol	[B]	ND		14		12		1.3	J	ND	
Benzyl alcohol	NS	ND		6.6	J	ND		ND		ND	
2-Methylphenol	[B]	17	J	ND		ND		ND		ND	
4-Methylphenol	[B]	25	J	5.1	J	5.2	J	ND		ND	
2,4-Dimethylphenol	[B]	33	J	ND		ND		23		ND	
Total Phenolic Compounds	1[B]	75		19.1		17.2		24.3		ND	
4-Chloro-3-methylphenol	NS	ND		3.9	J	ND		ND		ND	
Phenanthrene	50 GV	ND		3.8	J	ND		ND		ND	
Fluoranthene	50 GV	ND		4.1	J	ND		ND		ND	
Pyrene	50 GV	ND		3.7	J	ND		ND		ND	
Benzo[a]anthracene	0.002 GV	3.1	J	2.0		0.54	J	0.39	J	ND	
Bis(2-ethylhexyl) phthalate	5	12	J	11		7.1	J	5.0	J	14	
Benzo[b]fluoranthene	0.002 GV	2.3	J	1.9		0.55	J	ND		ND	
Benzo[k]fluoranthene	0.002 GV	ND		0.72	J	ND		ND		ND	
Benzo[a]pyrene	ND	1.9	J	1.7		0.52	J	0.27	J	ND	
Indeno[1,2,3-cd]pyrene	0.002 GV	1.7	J	1.1		0.36	J	ND		ND	
Dibenz(a,h)anthracene	NS	ND		0.23	J	ND		ND		ND	
PCBs (ug/kg)											
Total	0.09	ND		NR		NR		NR		NR	
Total Petroleum Hydrocarbon (TPH)											
Qualitative Method	NS	ND		NR		NR		NR		NR	

Table 13A
DETECTED GROUNDWATER ANALYTICAL RESULTS COMPLEX A vs. TOGs 1.1.1 GROUNDWATER STANDARDS (CLASS GA)
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

NOTES:

Highlighted cells indicate exceedance of applicable standard.

1 - New York State Department of Environmental Conservation Technical & Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (PDF) **note:** GV indicates guidance value

A - Invidual species of Xylene have standard of 5 ug/L.

B - Standard for Total Phenolic Compounds

C - To meet class GA standards, compound must not be detected.

NR - Analysis not Requested

NS - No standard for specific analyte listed in Part 703, Table 1.

ND - Compound not detected above the Method Detection Limit (MDL).

J - Indicates estimated value.

Table 13B
DETECTED GROUNDWATER ANALYTICAL RESULTS COMPLEX B vs. TOGs 1.1.1 GROUNDWATER STANDARDS (CLASS GA)
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
87 and 105 RIVER STREET
BROOKLYN, NEW YORK

Sample ID	NYSDEC TOGS 1.1.1 Standards & GV's [1]	PZ-B-1		PZ-B-1 DUP		PZ-B-2		PZ-B-3		PZ-B-4	
Sample Date		**2/17/2012**		**2/17/2012**		**2/17/2012**		**2/17/2012**		**2/17/2012**	
Volatile Organic Compounds (VOCs) (ug/L)											
Acetone	50 GV	25		25		ND		ND		ND	
2-Butanone	50 GV	3.0	J	3.4	J	ND		ND		ND	
Benzene	1	2.8		3		170		23		43	
Toluene	5	1.6		1.7		10		0.44	J	9.6	J
Ethylbenzene	5	1.8		2.0		56		21		32	
Xylenes, Total	5[A]	3.6		4.0		43		9.1		54	J
Semi-Volatile Organic Compounds (SVOCs) (ug/L)											
Phenol	[B]	6.1	J	8.3	J	ND		ND		8.3	J
2-Methylphenol	[B]	34		33		52	J	ND		ND	
4-Methylphenol	[B]	2.6	J	4.6	J	26	J	ND		16	J
2,4-Dimethylphenol	[B]	59		61		250		ND		160	
Total Phenolic Compounds	1[B]	*101.7*		*106.9*		*328*		*ND*		*184.3*	
Naphthalene	10 GV	ND		7.9	J	1600		1100		960	
2-Methylnaphthalene	NS	8.1	J	17		340		140		220	
Acenaphthene	20 GV	130		140		160		160		21	J
Dibenzofuran	NS	71		77		74	J	70		ND	
Fluorene	50 GV	98		110		88	J	75		15	J
Phenanthrene	50 GV	68		69		87	J	21	J	21	J
Carbazole	NS	27		28		97	J	17	J	ND	
Anthracene	50 GV	17		17		ND		ND		ND	
Fluoranthene	50 GV	33		32		ND		ND		ND	
Pyrene	50 GV	27		26		ND		ND		ND	
Benzo[a]anthracene	0.002 GV	5.5		4.6		ND		ND		ND	
Chrysene	0.002 GV	5.3	J	4.4	J	ND		ND		ND	
Bis(2-ethylhexyl)phthalate	5	ND		8.3	J	ND		ND		ND	
Benzo[b]fluoranthene	0.002 GV	3.3		2.7		ND		ND		ND	
Benzo[k]fluoranthene	0.002 GV	1.5		1.2		ND		ND		ND	
Benzo[a]pyrene	ND[C]	3.1		2.6		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.002 GV	1.3		1.0		ND		ND		ND	
Dibenzo[a,h]anthracene	NS	0.31	J	0.22	J	ND		ND		ND	

Table 13B
DETECTED GROUNDWATER ANALYTICAL RESULTS COMPLEX B vs. TOGs 1.1.1 GROUNDWATER STANDARDS (CLASS GA)
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A - Invidual species of Xylene have standard of 5 ug/L.

B - Standard for Total Phenolic Compounds

C - To meet class GA standards, compound must not be detected.

NS - No standard for specific analyte listed in Part 703, Table 1.

ND - Compound not detected above the Method Detection Limit (MDL).

J - Indicates estimated value.

SITE INVESTIGATION REPORT

WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
BLOCK 2355, LOT 1 & BLOCK 2361, LOT 1
49 RIVER STREET
BROOKLYN, NEW YORK

Prepared for

Consolidated Edison Company of New York, Inc.
Long Island City, New York

Prepared by

Henningson, Durham & Richardson Architecture and Engineering, PC
in association with HDR Engineering, Inc.
Pearl River, NY

July 2011

SITE INVESTIGATION REPORT
WSTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
BLOCK 2355, LOT 1 & BLOCK 2361, LOT 1
49 RIVER STREET
BROOKLYN, NEW YORK

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1. INTRODUCTION

Henningson, Durham and Richardson Architecture and Engineering, P.C. (HDR), on behalf of Consolidated Edison Company of New York, Inc. (Con Edison), has performed a subsurface investigation to assess subsurface conditions at the former North First Street Oil Storage Terminal (NFST) Site. The investigation was performed in accordance with the Site Investigation Work Plan, prepared by HDR and dated March 2011, which was approved by New York State Department of Environmental Conservation (NYSDEC) in a letter dated April 19, 2011 (Appendix A).

1.1 Site Overview

The NFST Site is located in Williamsburg, Brooklyn, Kings County, New York. A Site location map is included as Figure 1. The NFST Site is located in a predominately mixed residential, commercial and manufacturing community. In recent years, the manufacturing demographic has been replaced with mixed residential and commercial properties. Residences are located to the north, across North Third Street. Commercial, light manufacturing are located east across River Street. A New York Power Authority (NYPA) Gas Turbine Generation Station is to the south of NFST.

The Site is zoned as manufacturing district and it was used as a major oil storage facility (MOSF). The NFST Site consists of three lots. The main portion of the Site exists on modern Tax Block 2355, Lot 1 and Tax Block 2361, Lot 1. These lots contain two complexes of aboveground storage tanks. A third lot, Block 2362 Lot 3, contains the office, control room, boiler house, and parking lot. Figure 2 shows the current Site layout including the MOSF structures. Based on the engineering drawings prepared by Leonard B. Goldman, P.E., Consulting Engineer and dated October 4, 1963, these two complexes consist of three tanks each with the following capacities:

- Complex A (southern tanks)
    - T-100 – 6,000,000 gallons
    - T-200 – 2,325,000 gallons
    - T-300 – 6,000,000 gallons
- Complex B (northern tanks)
    - T-400 – 6,000,000 gallons
    - T-500 – 6,000,000 gallons
    - T-600 – 4,950,000 gallons

The ancillary property (boiler/control house) is located at 214 Kent Avenue and is bordered to the north by Metropolitan Avenue, to the south by the Fyn Paint and Lacquer Company (FYN) and to the west by River Street. The ancillary property occupies modern Tax Block 2362, Lot 3 and occupies approximately 0.3 acres.

1.2 Regional Geology/Hydrogeology

The Site is in the Atlantic Coastal Plain physiographic province and is comprised of interbedded layers of sand, clay and marl. The marine deposits are Cretaceous and Quaternary in age. The drift deposits are derived from glacial activity that occurred during the Pleistocene Epoch. The total thickness of the marine and glacial deposits in Kings County ranges from 0 feet in northwest Brooklyn to 1,100 feet thick in northeastern Brooklyn.

The topography of the area slopes to the west towards the East River. The elevation of the Site is approximately 11 to 15 feet above mean sea level (msl). The ground surface at the Site consists of poured concrete and asphalt pavement. The shallow sediments beneath the Site consist of a brown, medium to coarse grained sand with some silt and trace gravel. In general, the subsurface area beneath the Site consists of interbedded layers of sand, gravel, and clay and silt mixture to approximately 75 feet below ground surface (bgs). Bedrock beneath the Site is greater than 75 feet bgs. The regional direction of groundwater flow beneath the Site is to the west, toward the East River.

1.3 Site History and Previous Investigations

Holzmacher, McLendon & Murrell, P.C. (H2M) and HDR (formerly known as Lawler, Matusky and Skelly Engineering, LLC (LMS)) developed background information for the Site on behalf of Con Edison. Background information presented in the *Phase I Environmental Site Assessment Report – Kings County Tax No. Block 2355, Lot 1, Block 2361, Lot 1, Block 2362, Lot 3 & Block 2376, Lot 6 – 214 Kent Avenue, Brooklyn, New York* prepared by H2M and dated September 10, 1999 and *Phase II Site Investigation Report – North First Street Oil Storage Terminal* prepared by HDR and dated January 14, 2000, is summarized below.

A Phase I Environmental Site Assessment (ESA) was performed by H2M for the Con Edison NFST property and the former Pfizer property (currently owned by the New York Power Authority (NYPA)). Based on a review of available records, a number of Recognized Environmental Conditions (RECs) were identified. These RECs included the presence of above-

ground storage tanks (ASTs) and underground storage tanks (USTs) and surface and subsurface soil conditions based on historic Site usage as well as the existence of toxic or hazardous material containers.

At the request of Con Edison, HDR performed a Phase II ESA, as documented in a report dated January 14, 2000. This Site investigation encompassed the NFST Site and the former Pfizer property located to the south of the NFST MOSF facility (between the East River, River Street, Grand Street and North First Street). The Phase II investigation scope included:

- Investigation and sampling of a storm drain outside one of the on-Site buildings and a manhole within another, both located on the former Pfizer property. Results from both of these sample locations indicated that six semi-volatile organic compounds (SVOCs) and eleven metals were detected above the NYSDEC Technical and Administrative Guidance (TAGM) Memo #4046 - Recommended Soil Cleanup Objectives (RSCOs), which were the regulatory criteria in effect at the time of the investigation.

- Thirteen soil borings were advanced into the water table at the former oil storage area and former Pfizer Site. Select samples were collected and sent to a NYSDOH certified laboratory for volatile organic compound (VOC), SVOC, metals, pesticides and PCBs analyses. Laboratory results of the soil samples indicated VOC and SVOC concentrations above the NYSDEC RSCOs. Results for the metal analyses identified ten metals with concentrations above NYSDEC RSCOs. Based on the results, no other analytes were above applicable NYSDEC RSCOs.

- Groundwater samples were collected from four monitoring wells that were initially installed on-Site (MW-1, MW-2, MW-3 and MW-4) as part of the MOSF license issued by NYSDEC. Only one (MW-4) of the four monitoring wells at the Site contained VOCs concentrations in groundwater that exceeded the NYSDEC Class GA standards. Seven metals were also detected above their respective groundwater quality standards while neither SVOCs nor polychlorinated biphenyls (PCBs) were detected in the four monitoring wells.

In addition to the above two documents, a 1996 Con Edison document reported that product containing VOCs was encountered in soil borings advanced for the cathodic protection installation associated with the Con Edison 10,000-gallon UST located in the parking lot at 214 Kent Avenue, adjoining Con Edison's MOSF boiler/control house. The VOCs detected in the product sample included toluene, ethylbenzene and xylenes totaling 876,000 mg/l (milligrams

per liter). NYSDEC Spill Number 96-04977 was assigned to the contamination identified adjacent to the UST. To confirm the 1996 report findings, additional borings were advanced in the vicinity of the UST by HDR in 1999 to characterize the subsurface conditions in this area. This investigation concluded that free phase product was encountered and toluene, ethylbenzene and xylene were detected at elevated concentrations.

In 2001, to assess subsurface soil near the Con Edison UST, Leggette, Brashears & Graham, Inc. (LBG) conducted a limited subsurface investigation associated with the adjacent Fyn Paint facility to the south. The limited subsurface investigation consisted of installing eight soil probes utilizing direct push drilling methods and four groundwater monitoring wells using the hollow stem auger (HSA) method. Of the eight probe borings advanced, four borings were located within the Con Edison Property. Three borings were advanced in the NFST parking lot (CE-1, CE-2, and CE-3), and the fourth boring was advanced along the south side of MOSF Complex B on Metropolitan Avenue (CE-4). The rest of the probe borings were advanced outside the Con Edison property; one was located at the west end of Grant Street (GP-1), one was located on the north side of Complex B on North Third Street (GP-2), and two were located within the Fyn Paint building (GP-3 and GP-4). Laboratory results from this investigation indicated that soil and groundwater within the NFST parking lot was impacted by acetone, ethylbenzene, toluene, and xylene. Subsurface soil concentrations at the borings advanced at NFST ranged from non detect (CE-4) to 3,200,000 ug/kg (xylene at CE-1). Analytical data from Site monitoring wells in this same vicinity confirmed that these VOCs have also impacted Site groundwater. Dissolved phase VOCs were detected at concentrations ranging from non detect (CE-4) to 1,400,000 ug/l (xylene in CE-2). This information is presented in LBG's *Subsurface Investigation and Remedial Action Plan*, dated August 2001 (LBG, 2001).

To better define the limited subsurface investigation, LBG conducted Supplemental Remedial Investigations in 2003, during which all boring and wells were placed in the public right of way. In 2005, LBG expanded its supplemental investigation by installing eight additional groundwater monitoring wells and two extraction wells. VOC concentrations in subsurface soil during this investigation ranged from 19,000 ug/kg at MW-22 (acetone) to 4,000,000 ug/kg of toluene (MW-22). Groundwater concentrations ranged from non detect in CE-4 to 66,000 ug/l of toluene (EW-1). Both MW-22 and EW-1 are within the NFST parking lot. This information is presented in LBG's *Supplemental Remedial Investigation Report*, dated September 2003 (LBG, 2003).

Fyn Paint entered into a Voluntary Cleanup Agreement (VCA) under NYSDEC's Voluntary Cleanup Program (VCP). Under the VCA, LBG implemented an Interim Remedial Measure

(IRM) consisting of a free phase product (solvent) recovery and groundwater extraction system with effluent treatment. The IRM is ongoing with the treatment system located inside the Fyn Paint building and the extraction wells installed in the parking lot area of the ancillary Con Edison facility at 214 Kent Avenue. The IRM system will be decommissioned and replaced with a Dual Phase Extraction (DPE) system as the remediation strategy to be implemented in 2011 following review/approval of the system design by NYSDEC.

2. SITE INVESTIGATION ACTIVITIES

2.1 Field Mobilization/Utility Clearance

Prior to HDR's mobilization to the Site to commence the investigation, Con Edison personnel m-scoped the perimeter of the MOSF to identify subsurface utilities that may interfere with the investigation. To complement this activity, HDR contracted a private utility mark-out contractor, NAEVA Geophysics of Congers, New York, to mark out utilities and other underground anomalies within the work area. To document their markout, NAEVA prepared a map to show the utility runs. This map is included as Appendix B.

A utility clearance was conducted prior to implementing intrusive activities. The procedure entailed utility mark-outs in accordance with the NYS Code 753 process, obtaining and reviewing available utility drawings and a field reconnaissance to verify, to the extent possible, the location of utilities relative to the planned intrusive locations. Aquifer Drilling and Testing, Inc. (ADT) of New Hyde Park, NY, the drilling subcontractor selected by HDR to perform the probe drilling, called in the Code 753 request to proscribed utilities, ADT also secured New York City Department of Transportation (NYCDOT) sidewalk opening permits to advance the probes on City-owned property.

As an added precaution and in accordance with Con Edison's intrusive investigation procedures, the upper 5 feet at each soil boring location was excavated using non-mechanical methods to confirm the absence of utilities (soft dig). ADT was subcontracted to perform non-mechanical clearance at each borehole location. At each location, ADT utilized either hand tools (post hole digger and digging bar), an air knife, or a combination of the two, to excavate to five feet. During intrusive activities, HDR screened the headspace above the excavation with a Genesis combustible 4-gas meter (CGI) to monitor for lower explosive limits (LEL), oxygen, carbon monoxide (CO), and hydrogen sulfide (H_2S). Additionally, stockpiled soils were screened with a photoionization detector (PID) for the presence of any volatile organic compounds (VOCs). Both meters/detectors reported background concentrations of gases at each borehole location during the soft dig.

Soils were classified during soft dig activities and recorded in boring log sheets (Appendix C). Typically, the first five feet of soil consisted of silty sands with varying amounts of brick, asphalt, concrete, gravel and cobbles. Upon completion of each borehole, a five-foot length of 1-inch PVC pipe was placed in the cleared boring location. The PVC pipe was flush to the surface and served as a marker to identify the cleared hole. The excavated material was used to backfill

the excavation. For the borings located in the sidewalk, the top 4 inches was backfilled with cold patch asphalt mix and tamped into place.

2.2 Soil Borings

Eighteen vertical soil borings (B1 through B18) were advanced to assess the subsurface conditions adjacent to the MOSF tanks (Figure 3). The objective of these borings was to physically characterize subsurface soil conditions and allow for the collection of soil samples for laboratory chemical analysis.

ADT was subcontracted by HDR to advance soil borings using direct push technology (DPT) drilling methods and tooling. All borings were advanced continuously in five-foot increments using a 2-inch diameter Macrocore ® barrel with dedicated PVC liners. Each borehole was advanced to the water table.

An HDR environmental scientist was on-Site during the drilling activities to log soils and collect soil samples for laboratory analyses. Soils collected from each boring were described in accordance with the Unified Soil Classification System (USCS). A PID (MiniRAE 2000) and CGI (Thermo Genesis) were used to monitor subsurface soils and headspace of the boring holes. Samples were immediately screened with the PID and CGI to identify areas where volatile organic vapors and/or methane may be present. Observations and field screening data from each boring were recorded on the boring log sheets. No PID readings were noted above background concentrations during soil screening except at borings B-4, B12 and B14. PID responses at these three boring locations were all less than 10 ppm calibration units and were not considered evidence of a release to the environment. PID readings are summarized in Table 1.

In addition to the PID screening, the boreholes were also screened with a CGI. No readings above background concentrations (0% LEL) were noted during the investigation.

Subsurface soils observed during the subsurface investigation were described as silty sand with lower compositions of debris such as brick or concrete. No physical evidence (i.e., staining or odors) of contamination was observed during this investigation. Depths to groundwater ranged from 6.5 to 12 feet bgs.

2.3 Soil Sampling and Analyses

As part of this subsurface investigation, eighteen soil samples were collected immediately above the groundwater table. Upon collection, samples were transferred directly into laboratory-supplied glassware. The portion of the sample collected for VOCs was transferred to the designated sample containers first. In some cases, additional borings were advanced to obtain a sufficient volume of material for analyses. Each container was then labeled with the appropriate sample identification number and sample depth, the analytical parameters to be analyzed, the date and time, as well as the field personnel who collected the samples. Sample containers were then placed in a cooler with ice and sent under chain of custody protocol to Test America, Inc., Shelton, CT, a NYSDOH certified laboratory, via laboratory-provided courier.

Soil samples submitted to the laboratory were analyzed for VOCs using EPA Method 8260B, SVOCs using EPA Method 8270C (base-neutral compounds only) and Target Analyte List (TAL) metals via EPA Method 6010B. In addition, samples from five selected locations were analyzed for pesticides following EPA Method 8081 and PCBs using EPA Method 8082. These locations were selected to provide a representation of conditions across the Site. Table 2 provides the soil sample analytical summary.

Upon completion of each borehole, sampling equipment (e.g., macrocore sampler) was decontaminated with an Alconox and tap water wash, followed by a de-ionized or distilled water rinse. No drill cuttings were observed to be impacted. Therefore, the cuttings were returned to the subsurface from the holes from which the cuttings were generated.

The location of each boring was surveyed using a global positioning system (GPS) for documentation purposes in case a need to relocate the borehole arose. Due to the proximity of the borings to the tanks, there was a potential that satellite signals would be disrupted, which would distort the plotted location. Therefore, in addition to using a GPS, each location was triangulated using two fixed points such as fire hydrants or manholes. The GPS data and triangulations were used to prepare a figure that most accurately locates each boring (Figure 3).

2.4 Review of Groundwater Sampling Data

In addition to the subsurface soil evaluation, two years of MOSF compliance sampling data and two years of Fyn Paint and Lacquer Company, Inc. groundwater remediation data was also evaluated as part of this Investigation. Monitoring well location associated with the Con Edison MOSF and the Fyn Paint VCP are shown on Figure 4. A summary of the monitoring well

construction details is provided on Table 3. A discussion of the analytical results is provided below.

2.4.1 North 1st Street Major Oil Storage Facility Data (MOSF)

As part of the MOSF annual sampling program, four monitoring wells located in proximity to the tank farm were gauged on a quarterly basis and sampled on an annual basis. These wells are identified as NTMW-1, NTMW-2, NTMW-3, and NTMW-4, but are also referred to as MW-1 through MW-4. Under the MOSF requirements, the samples from these wells were analyzed for SVOCs only, but due to the litigation associated with the Fyn Paint facility, VOCs were subsequently added to the MOSF sampling program. Data dating back to 2005 indicates that the annual MOSF groundwater samples were regularly analyzed for VOCs and SVOCs using EPA Methods SW8260B and SW8270C, respectively, with some earlier sampling rounds that were not associated with the MOSF annual sampling following EPA 624/8260B and EPA 625/8270C analyses. Since 2007, SVOCs were consistently analyzed using EPA Method SW8270B. Only selected analytes were reported in 2011 using EPA Method SW8021 for VOCs and EPA Method SW8270C for SVOCs. Groundwater analytical data for NFST MOSF wells from 2007 forward is provided on Table 4.

NTMW-1, installed as a stick-up protective casing well at the west end of Metropolitan Avenue between the two tank farm complexes, had detections of acenaphthene (0.48 ug/l) and anthracene (0.03 ug/l) during the March 2011 sampling event. However, no other compounds were detected in the 2010 or 2011 sampling events. Although these two compounds were detected at well NTMW-1, the concentrations are significantly below the Class GA guidance value in the Division of Water Technical and Operational Guidance Series (1.1.1) (TOGS 1.1.1) of 20 ug/l for acenaphthene and 50 ug/l for anthracene.

NTMW-2 was installed with a stick-up protective casing at the west end of North First Street. Within the last two years (2010 and 2011), no VOCs nor SVOCs were detected at concentrations above their associated detection limits at MOSF Well NTMW-2.

NTMW-3 was installed with flush mount surface completion near the west end of North Third Street. A sample collected from NTMW-3 had no compounds detected in the March 2010 sampling event. However, in March 2011, several SVOCs were detected. These compounds are summarized in Table 4. NTMW-3 is located between the oil storage facility and a new apartment building, in a publicly accessible area. Due to street cleaning and snow clearing activities, and construction associated with the redevelopment of North 3rd Street and the new

apartment building, the well had been compromised. This monitoring well was repaired in June 2010. The SVOC detections are possibly the result of the compromised well.

NTMW-4 was installed as a flush mount well within the sidewalk along the west side of River Street between Metropolitan Avenue and North First Street. It is the closest MOSF monitoring well to the Fyn Paint and Lacquer building. Several VOCs have been detected in the samples collected from this monitoring well over the past two years. Over this time, twelve VOC compounds have been detected during yearly MOSF sampling events, eight of which have exceeded their associated Class GA Standards or Guidance Values. These compounds are mainly petroleum related (benzene, toluene, ethylbenzene, m,p-xylenes, o-xylene) or chlorinated solvents (trichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethane). Their concentrations (or detection limits if not detected during a particular event) and associated Class GA Standards or Guidance Values are summarized in Table 4. No SVOCs were detected above detection limits in either the March 2010 or March 2011 sampling events. The lack of SVOCs detected in the samples is indicative of the petroleum related VOCs originating from a non-fuel oil source.

2.4.2 Fyn Paint and Lacquer Site

The Fyn Paint VCP groundwater monitoring program initially consisted of quarterly sampling of 30 wells and piezometers for VOCs. However, several wells were subsequently removed from the Fyn Paint monitoring program or reduced to annual sampling due to their distance from the Fyn Paint contamination source. Because of the proximity of these Fyn Paint wells to the NFST MOSF, the data set was reviewed to assess groundwater conditions in the vicinity of the MOSF. Eleven of the Fyn Paint VCP monitoring wells are immediately adjacent to the NFST MOSF. In addition to the four Con Edison MOSF wells (NTMW-1 through NTMW-4), these seven wells also include MW-5, MW-10, MW-12, MW-14, MW-20, GP-2, and CE-4. Although quarterly groundwater samples collected as part of the Fyn Paint VCP investigation date back to February 2008 and seven groundwater sampling events occurred from September 2001 through March 2007, only the data collected in 2009, 2010, and the first quarter of 2011 is summarized herein. Groundwater analytical data for Fyn Paint VCP wells located adjacent to the NFST MOSF wells is provided on Table 5 and a summary of all Fyn Paint VCP wells is included as Appendix D.

Over the past two years, approximately 150 groundwater samples were collected for the Fyn Paint VCP, excluding quality control samples, and analyzed for VOCs following EPA Method 8260. VOCs are the primary contaminants of concern associated with the Fyn Paint site and several VOCs were detected at concentrations in excess of TOGS 1.1.1 Groundwater Quality Standards (GWQS). The predominant Fyn Paint contaminants of concern - acetone, benzene,

toluene, ethylbenzene, and total xylenes - were detected most frequently and at the highest concentrations of the VOCs. Summary tables of historic groundwater sampling data are included as Appendix D.

Acetone was detected at concentrations above the GWQS of 5 µg/l in seven Fyn Paint VCP wells: ASW-1 (sampled one time only), EW-1, MW-15, MW-16, MW-21, MW-24, and MW-28. None of these wells are adjacent to the NFST MOSF and all are located upgradient of the MOSF tanks. Concentrations ranged from 18 µg/l in the ASW-1 sample to 800,000 µg/l in the MW-28 sample, both reported in the June 2010 sampling event. In general, the highest concentrations were recorded during the June 2010 sampling event. In general, concentrations have fluctuated from event to event with the lowest average concentrations being detected in November 2009. According to the LBG report, the decrease noted between June 2010 and September 2010 can be attributed to the start-up of the groundwater pump and treat system at the end of August 2010. However, the variation in concentrations may also be attributed to other factors such as seasonal fluctuations, sampling methods, or hydrogeologic factors. For example, analytical data collected during the first quarter of 2011 show significant increase in VOC concentrations at four monitoring wells (EW-1, MW-16, MW-21, and MW-28). In two of the wells (EW-1 and MW-21), the increase in acetone concentrations from the fourth quarter 2010 to the first quarter 2011 is an order of magnitude. Acetone is not a constituent of fuel oil. It is known to have been used at the Fyn Paint facility.

In the Fyn Paint VCP wells, benzene concentrations in the groundwater samples range from 1.3 µg/l reported in February 2009 at MW-8 to 360 µg/l reported in September 2010 at MW-13. Benzene was also detected in 10 additional wells over the course of the seven sampling events: EW-1, GP-1, MW-6, MW-9A, MW-10, MW-15, MW-16, MW-21, MW-24, and MW-28, each of which is associated with the Fyn Paint VCP. With the exception of MW-10, these wells are either cross gradient or upgradient of the MOSF. The benzene concentration detected in MW-10 was 2.2 ug/l, during the second quarter of 2010. Benzene was not detected in this well during the 7 other quarters in this two year period. During the first quarter of 2011 groundwater sampling event, which is the event with the most recent available data, benzene was detected in three wells (MW-9A, MW-13, and MW-16) with concentrations ranging from 110 ug/l (MW-9A) to 240 ug/l (MW-13). Based on the distribution of the benzene concentrations, the source of the benzene is likely an off-Site source or sources.

Toluene concentrations detected during the Fyn Paint VCP investigation program ranged from 2.6 ug/l at MW-8 in June 2010 to 400,000 ug/l at MW-13 in March 2011. A general comparison of the concentrations detected during the sampling events indicates a slight increase of toluene in

the groundwater quality samples over the past two years. However, until the first quarter 2011 event, the two sampling events in the 3rd and 4th quarters in 2010 indicated a potential decreasing trend. Of the wells immediately adjacent to the MOSF, toluene was most frequently detected in the sample collected from MW-12 with the highest concentration (13,000 ug/l) detected in May 2009. Over the past two plus years, the samples collected from MW-10 in June 2010 and March 2011 (1,100 ug/l and 600 ug/l, respectively), from MW-4 in February 2010 (30 ug/l), MW-12 in March 2011 (3,500 ug/l), MW-20 in March 2011 (5.2 ug/l), and from CE-4 in December 2009 and March 2011 (42 ug/l and 1,500 ug/l, respectively) were the only other detections in the wells immediately adjacent to the MOSF. Considering the toluene distribution, the NFST MOSF does not appear to be a source of this compound.

For the Fyn Paint VCP investigation, the concentrations of ethylbenzene range from 2.2 ug/l as reported at MW-26 in May 2009 to 22,000 ug/l at MW-22 in November 2009. Of the wells immediately adjacent to the MOSF, ethylbenzene was most frequently detected in MW-12, also with the highest concentrations (15,000 ug/l in May 2009 and March 2010). Ethylbenzene was also detected in MW-4 (high of 150 ug/l in March 2011), MW-10 (high of 1,100 ug/l in June 2010), MW-20 (high of 19 ug/l in September 2010), and CE-4 (high of 16 ug/l in March 2011) at concentrations exceeding the GWQS.

The overall concentrations of total xylenes have been decreasing on average over the last two years though the number of detections per sampling event have risen indicating that the concentration of xylenes in the groundwater is becoming more dispersed over time. A maximum concentration of 144,000 ug/l was detected at MW-22 in November 2009 and the lowest detected concentration of 2.1 was recorded at MW-27 in March 2011.

Other compounds that were detected at concentrations exceeding the GWQS in wells adjacent to the MOSF include 2-butanone, cis- and trans-1,2-dichloroethene, 1,1-dichloroethane, 1,2-dichlorobenzene, trichloroethene, and isopropylbenzene. None of these compounds are associated with fuel oil. The source of these compounds is unclear although documentation exists regarding Fyn Paint's use of 2-butanone.

Naphthalene, a common constituent of fuel oils, was not detected in any of the groundwater samples collected in monitoring wells immediately adjacent to the MOSF over this two plus year period.

2.5 Review of Soil Gas Sampling Data

In addition to groundwater results, historic soil vapor data associated with the Fyn Paint VCP was also evaluated. As part of the Fyn Paint VCP, the nearest soil gas point to the NFST MOSF was installed at the northwest corner of North First Street and River Street. The laboratory analytical results of a soil gas sample collected from that point indicated 1,1,1-trichloroethane (TCA) was present in the soil vapor at a concentration of 680 micrograms per cubic meter ($\mu g/m^3$), as presented in LBG's *Soil Vapor Intrusion Investigation Work Plan* (LBG, 2007). Under the October 2006 New York State Department of Health Guidance for Evaluating Soil Vapor Intrusion in the State of New York, TCA concentrations in sub-slab samples are actionable for monitoring or mitigation at 100 $\mu g/m^3$. TCA is not a constituent of No. 6 fuel oil.

3. DISCUSSION OF ANALYTICAL RESULTS

The analytical results of HDR's subsurface soil samples were compared to NYSDEC Part 375 Soil Cleanup Objectives (SCOs) including Unrestricted, Restricted Residential, Commercial, Industrial, and Protection of Groundwater SCOs. Based on the results of the laboratory analyses of the 18 samples, the soils across the Site generally appear consistent in that there is not a wide range of contaminant concentrations. However, in 10 of the 18 samples, some exceedances of certain end use SCOs and Protection of Groundwater SCOs are reported. A summary of the number of soil samples/locations with one or more SCO exceedances is presented in the following table.

Sample Parameter	No. of Samples Collected	Unrestricted Use SCO	Restricted Residential Use SCO	Commercial Use SCO	Industrial Use SCO	Protection of Groundwater SCO
VOCs	18	2	0	0	0	2
SVOCs	18	5	5	1	1	1
Pesticides	5	2	0	0	0	0
PCBs	5	1	0	0	0	0
Metals	18	7	3	3	1	2

Figures 5 through 9 show the locations with exceedances of the Unrestricted, Restricted Residential, Commercial, Industrial, and Protection of Groundwater SCOs. In reviewing the exceedances, the sample locations at the southern wall of Complex B (northern complex) and the northwest corner of Complex A (southern complex) generally have the greatest number of exceedances and the highest concentrations. These samples were collected in boreholes B7, B8, B9, and B10. A summary of the analytical results with comparison to the land use SCOs is presented in Table 6. Table 7 provides a summary of the analytical results in comparison to the Protection of Groundwater SCOs. Table 8 provides a summary of SCO exceedances by individual compounds.

The two VOC exceedances were acetone concentrations in samples collected from borings B12 and B17. These samples exceeded both the Unrestricted Use SCO and the Protection of Groundwater SCO. Boring B12 is the eastern most boring on the south side of Metropolitan Avenue and B17 is approximately mid-block on North First Street, between River Street and the East River. Although the concentrations were below the SCOs, acetone was also detected in borings B13 and B14, which were advanced on the west side of River Street between North First Street and Metropolitan Avenue, and B15 and B16, which were advanced on the north side of

North First Street and east of boring B17. Concentrations of acetone at these locations are indicative of impacted groundwater migrating from the Fyn Paint facility.

Methyl ethyl ketone (MEK), another compound attributable to Fyn Paint, was also detected in the sample collected from B17. However, the MEK concentration (19 ug/kg) was below the SCOs. MEK was not detected in any other sample collected during this investigation.

SVOC SCO exceedances were detected in samples collected from five borings: B1, B7, B8, B9, and B10. With the exception of the samples collected from borings B9 and B10, the concentration of two SVOCs exceeded the SCOs. These SVOC are indeno(1,2,3-cd)pyrene, and dibenzo-(a,h)-anthracene. At B9, seven individual SVOCs were reported at concentrations exceeding the SCOs. The seven SVOC exceedances were compounds that have low SCO concentrations. Only one of the seven SVOCs, benzo(a)pyrene (BaP), had a concentration exceeding the Industrial Use RSCO. Dibenzo(a,h)anthracene and BaP are two of the seven SVOCs with concentrations exceeding the Commercial Use RSCOs. The concentrations of benzo(a)anthracene, benzo(b)fluoranthene, and chrysene exceeded the respective Protection of Groundwater SCOs. At B10, dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene concentrations exceeded the Restricted Residential Use SCOs. The concentrations of these compounds did not exceed the Protection of Groundwater SCOs.

Naphthalene, a compound that is commonly present in fuel oils, was detected in six of the 18 samples collected. However, no naphthalene concentrations exceeded the SCOs. The highest naphthalene concentration detected during this investigation was 97 ug/kg in the sample collected from boring B16. This concentration is two orders of magnitude below the Unrestricted Use and Protection of Groundwater SCOs.

Results of the metals analyses indicate seven samples with concentrations that exceed the SCOs. These samples were collected from borings B1, B7, B8, B9, B10, B16, and B18. Individual metals with concentrations exceeding the unrestricted use SCOs include arsenic (1 sample), barium (1 sample), chromium (2 samples), copper (5 samples), lead (6 samples), mercury (6 samples), nickel (1 sample), and zinc (5 samples).

Only one metal had a concentration that exceeded the Industrial Use SCOs. That exceedance was for arsenic in the sample collected from B8, with a concentration of 33.7 mg/kg. Four other metal concentrations exceeded the Commercial Use SCOs. These metals included copper in three samples (B8, B10, and B18) and lead in B10. The highest copper concentration during this investigation was 536 mg/kg in the B8 sample. The lead concentration in the B10 sample was

1,140 mg/kg. Two additional metal concentrations, lead in the sample from B8 and mercury in the sample from B10, exceeded the Restricted Residential Use SCOs. With the exception of the samples collected from B8 and B10, no metal concentrations exceeded the Protection of Groundwater SCOs. At B8, arsenic and lead concentrations exceeded the Protection of Groundwater SCOs. At B10, lead and mercury concentrations exceeded the Protection of Groundwater SCOs.

PCB results show one sample, B9, with concentrations above the detection limits. Two Aroclors were detected in this sample, Aroclor 1254 at 160 ug/kg and 1260 at 56 ug/kg. The total PCB concentration of this sample exceeds the Unrestricted Use SCO of 100 ug/kg. The Protection of Groundwater SCO for PCBs was not exceeded.

Concentrations of pesticides in two samples, B5 and B9, exceeded the Unrestricted Use SCOs. At B5, 4,4'-DDT was reported at 4.9 ug/kg, exceeding the Unrestricted Use SCO of 3.3 ug/kg. At B9, 4,4'-DDD and 4-4'-DDE exceeded the Unrestricted Use SCOs of 3.3 ug/kg with concentrations of 3.5 ug/kg and 6.0 ug/kg, respectively. The Protection of Groundwater SCOs for pesticides were not exceeded.

4. CONCLUSIONS

The analytical data for subsurface soil samples collected for this investigation are generally consistent with the chemical composition of urban fill. The SVOCs detected in the B9 sample were reported at higher concentrations in comparison to the remaining sampling locations. The boring log for B9 notes that the 6 to 10 foot interval (bgs) was predominantly wood. Based on historical Site use, it is possible that the wood may have been the remnants of a wooden support pile or railroad tie. The SVOC concentrations in the sample collected at B9 may be indicative of preserved wood and had impacted the sample collected from this boring.

The reported chemical concentrations at the other boring locations do not appear to be indicative of a release of No. 6 fuel oil from the NFST MOSF. For the most part, the exceedances are within the same order of magnitude as the Part 375 Unrestricted Use SCOs. Based on the analytical data, meter readings and field observations during this investigation, there is no apparent indication of impacts to soil caused by leakage from any of the tanks, ancillary piping, accidental discharges or other Site activities.

However, it appears that contaminants of concern from the upgradient FYN property are evident in subsurface soil at the perimeter of the Complex A tank farm, particularly noted by the acetone concentrations detected in the B12 and B17 soil samples. These concentrations exceed NYSDEC Part 375 Unrestricted Use SCOs. The presence of acetone in the soil suggests migration of impacted groundwater is occurring from the upgradient source at the Fyn Paint facility. Migration of impacted groundwater is further supported by the historical groundwater sample results of monitoring wells installed along the east and south sides of Complex A, where toluene, ethylbenzene, xylenes and other paint manufacturing related chemicals have been detected. Based on the reported concentrations of these contaminants, the impact to groundwater at the NFST MOSF Site from activities at the FYN property appears to have occurred and migration of the impacted groundwater is ongoing. The predominant migration pathway of these contaminants through the soils is via groundwater movement.

5. REFERENCES

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Tables

Table 1

BOREHOLE SUMMARY
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Approximate Location	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
B-1	Southwest side of North 3rd Street, adjacent to Tank 400	15	12	ND		
B-2	South side of North 3rd Street, center of Tank 500	10	7	ND		
B-3	South side of North 3rd Street, center of Tank 600	10	9	ND		
B-4	Adjacent to the Southwest corner of North 3rd Street and River Street, alongside northern 1/3 of Tank 600	10	9.5	ND - 0.3	5' - 7.5'	
B-5	Adjacent to the Northwest corner of Metropolitan Avenue and River Street, alongside southern 1/3 of Tank 600	10	10	ND		
B-6	North side of Metropolitan Avenue, along Tank 600, approximately 50 feet west of the intersection of Metropolitan Avenue and River Street	10	8	ND		
B-7	North side of Metropolitan Avenue, along Tank 600, approximately 100 feet west of the intersection of Metropolitan Avenue and River Street	10	7	ND		
B-8	North side of Metropolitan Avenue, along Tank 500, approximately 165 feet west of the intersection of Metropolitan Avenue and River Street	10	7	ND		
B-9	North side of Metropolitan Avenue, along Tank 400, approximately 275 feet from the intersection of Metropolitan and River Street	10	6.5	ND		
B-10	South side of Metropolitan Avenue, along Tank 100, approximately 250 feet from the intersection of Metropolitan and River Street	10	7	ND		
B-11	South side of Metropolitan Avenue, along Tank 200, approximately 145 feet west of the intersection of Metropolitan Avenue and River Street	10	9	ND		

Table 1

BOREHOLE SUMMARY
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	Approximate Location	Boring Depth (ft.)	Depth to Water (ft.)	PID Readings	Depth of Highest PID Reading	Notes
B-12	South side of Metropolitan Avenue, along Tank 300, approximately 85 feet west of the intersection of Metropolitan Avenue and River Street	10	9	ND - 0.3	5' - 7.5'	
B-13	Adjacent to the Southwest corner of Metropolitan Avenue and River Street, alongside northern 1/3 of Tank 300	10	10	ND		
B-14	Adjacent to the Northwest corner of North 1st Street and River Street, alongside southern 1/3 of Tank 300	15	12	ND - 7.8	13' - 15'	
B-15	North side of North 1st Street, along Tank 300, approximately 70 feet west of the intersection of River Street and North 1st Street	10	9	ND		
B-16	North side of North 1st Street, along Tank 300, approximately 125 feet west of the intersection of River Street and North 1st Street	10	9.5	ND		
B-17	North side of North 1st Street, along Tank 200, approximately 185 feet west of the intersection of River Street and North 1st Street	10	9	ND		Slight Petroleum Odor
B-18	North side of North 1st Street, along Tank 100, approximately 240 feet west of the intersection of River Street and North 1st Street	10	7	ND		

Table 2

SOIL SAMPLE SUMMARY
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Boring Number	VOC	SVOC	Metals	Pesticides	PCBs
B-1	X	X	X		
B-2	X	X	X		
B-3	X	X	X	X	X
B-4	X	X	X		
B-5	X	X	X	X	X
B-6	X	X	X		
B-7	X	X	X		
B-8	X	X	X		
B-9	X	X	X	X	X
B-10	X	X	X		
B-11	X	X	X	X	X
B-12	X	X	X		
B-13	X	X	X		
B-14	X	X	X	X	X
B-15	X	X	X		
B-16	X	X	X		
B-17	X	X	X		
B-18	X	X	X		

Table 3

WELL CONSTRUCTION SUMMARY
SITE INVESTIGATION REPORT
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Well Number	Date Installed	Monitoring Program	Well Diameter (in.)	Riser Material	Screen Material	Total Well Depth (ft. bgs)	Riser Interval	Screened Interval
NTMW-1	Not Provided	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	23	0 - 5'	5' - 23'
NTMW-2	5/19/1994	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	20	0 - 5'	5' - 20'
NTMW-3	9/8/1994	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	30	0 - 10'	10' - 30'
NTMW-4	9/2/1992	Con Edison MOSF/FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	16	0 - 1'	1' - 16'
MW-5	5/8/2001	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	20	0 - 10'	10' - 20'
MW-10	7/21/2003	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	29	0 - 9'	9' - 29'
MW-12	6/24/2003	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	24	0 - 9'	9' - 24'
MW-14	6/30/2003	FYN VCP	4	Sch. 40 PVC	0.020" Slot PVC	28	0 - 8'	8' - 28'
MW-20	8/1/2005	FYN VCP	2	Sch. 40 PVC	0.020" Slot PVC	15	0 - 5'	5' - 15'
CE-4	5/28/2010	FYN VCP	2	Stainless Steel	0.020" Slot Stainless Steel	20	0 - 5'	5' - 20'

Note: information for wells NTMW-1 through NTMW-4 are from Miller Environmental Group, Inc. Monitorinig Well Installation Report, dated September 1994

Table 4
ANALYTICAL RESULTS FOR ANNUAL MOSF GROUNDWATER SAMPLING
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Compound	NYSDEC TOGS GWQS[A]		NTMW-1				
			4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011
Volatile Organic Compounds (µg/L)							
Acetone	50	GV	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Methyl t-Butyl Ether (MTBE)	10	GV	*< 5*	*< 5.0*	*< 5.0*	*NA*	*< 1.0*
1,1-Dichloroethane	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
cis-1,2-Dichloroethene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Benzene	1	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 0.70*
Trichloroethene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Toluene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Chlorobenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Ethylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
m,p-Xylene	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 2.0*
o-Xylene	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Isopropylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
1,2,4-Trimethylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Naphthalene	10	GV	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Xylenes, Total	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Semivolatile Organic Compounds (µg/L)							
Naphthalene	10	GV	*< 10*	*< 10*	*< 10*	*< 10*	*NA*
Acenaphthylene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Acenaphthene	20	GV	*< 10*	*< 10*	*< 10*	*< 10*	0.48
Fluorene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Phenanthrene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Anthracene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	0.03
Fluoranthene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Pyrene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(a)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Chrysene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(b)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(k)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(a)pyrene	ND	STD[2]	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Indeno(1,2,3-cd)pyrene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(g,h,i)perylene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Dibenzo(a,h)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*

See last page for notes.

Table 4
ANALYTICAL RESULTS FOR ANNUAL MOSF GROUNDWATER SAMPLING
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Compound	NYSDEC TOGS GWQS[A]		NTMW-2				
			4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011
Volatile Organic Compounds (µg/L)							
Acetone	50	GV	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Methyl t-Butyl Ether (MTBE)	10	GV	*< 5*	*< 5.0*	*< 5.0*	*NA*	*< 1.0*
1,1-Dichloroethane	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
cis-1,2-Dichloroethene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Benzene	1	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 0.70*
Trichloroethene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Toluene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Chlorobenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Ethylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
m,p-Xylene	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 2.0*
o-Xylene	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Isopropylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
1,2,4-Trimethylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Naphthalene	10	GV	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Xylenes, Total	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Semivolatile Organic Compounds (µg/L)							
Naphthalene	10	GV	*< 10*	*< 10*	*< 10*	*< 10*	*NA*
Acenaphthylene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Acenaphthene	20	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Fluorene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Phenanthrene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Anthracene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Fluoranthene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Pyrene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(a)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Chrysene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(b)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(k)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(a)pyrene	ND	STD[2]	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Indeno(1,2,3-cd)pyrene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(g,h,i)perylene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Dibenzo(a,h)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*

See last page for notes.

Table 4
ANALYTICAL RESULTS FOR ANNUAL MOSF GROUNDWATER SAMPLING
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Compound	NYSDEC TOGS GWQS[A]		NTMW-3				
			4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011
Volatile Organic Compounds (µg/L)							
Acetone	50	GV	*< 5*	*< 5.0*	22	*< 5.0*	*NA*
Methyl t-Butyl Ether (MTBE)	10	GV	*< 5*	*< 5.0*	*< 5.0*	*NA*	*< 1.0*
1,1-Dichloroethane	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
cis-1,2-Dichloroethene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Benzene	1	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 0.70*
Trichloroethene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Toluene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Chlorobenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Ethylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
m,p-Xylene	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 2.0*
o-Xylene	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Isopropylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
1,2,4-Trimethylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Naphthalene	10	GV	*< 5*	*< 5.0*	6.1	*< 5.0*	*< 1.0*
Xylenes, Total	5	STD[1]	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Semivolatile Organic Compounds (µg/L)							
Naphthalene	10	GV	*< 10*	*< 10*	*< 10*	*< 10*	*NA*
Acenaphthylene	--		*< 10*	*< 10*	*< 10*	*< 10*	0.03
Acenaphthene	20	GV	*< 10*	*< 10*	*< 10*	*< 10*	0.22
Fluorene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	0.16
Phenanthrene	50	GV	*< 10*	*< 10*	11	*< 10*	1.2
Anthracene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	0.52
Fluoranthene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	6
Pyrene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	4.8
Benzo(a)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	3.5
Chrysene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	**2.5**
Benzo(b)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	**4.9**
Benzo(k)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	**1.1**
Benzo(a)pyrene	ND	STD[2]	*< 10*	*< 10*	*< 10*	*< 10*	**4**
Indeno(1,2,3-cd)pyrene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	**3**
Benzo(g,h,i)perylene	--		*< 10*	*< 10*	*< 10*	*< 10*	3.2
Dibenzo(a,h)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	0.8

See last page for notes.

Table 4
ANALYTICAL RESULTS FOR ANNUAL MOSF GROUNDWATER SAMPLING
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Compound	NYSDEC TOGS GWQS[A]		NTMW-4				
			4/24/2007	4/24/2008	4/22/2009	3/3/2010	3/22/2011
Volatile Organic Compounds (µg/L)							
Acetone	50	GV	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*NA*
Methyl t-Butyl Ether (MTBE)	10	GV	*< 5*	*< 5.0*	*< 5.0*	*NA*	1.1
1,1-Dichloroethane	5	STD	*< 5*	*< 5.0*	**12**	**17**	*NA*
cis-1,2-Dichloroethene	5	STD	**8.3**	**8.2**	*< 5.0*	*< 5.0*	*NA*
Benzene	1	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	0.96
Trichloroethene	5	STD	**35**	**29**	*< 5.0*	*< 5.0*	*NA*
Toluene	5	STD	**6.9**	*< 5.0*	*< 5.0*	**37**	*< 1.0*
Chlorobenzene	5	STD	**6.5**	**7.2**	*< 5.0*	*< 5.0*	*NA*
Ethylbenzene	5	STD	**77**	*< 5.0*	*< 5.0*	*< 5.0*	**130**
m,p-Xylene	5	STD[1]	**350**	*< 5.0*	*< 5.0*	**16**	**170**
o-Xylene	5	STD[1]	**110**	*< 5.0*	*< 5.0*	**12**	**56**
Isopropylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	3.4
1,2,4-Trimethylbenzene	5	STD	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	1.8
Naphthalene	10	GV	*< 5*	*< 5.0*	*< 5.0*	*< 5.0*	*< 1.0*
Xylenes, Total	5	STD[1]	**500**	*< 5.0*	*< 5.0*	**28**	*NA*
Semivolatile Organic Compounds (µg/L)							
Naphthalene	10	GV	*< 10*	**19**	*< 10*	*< 10*	*NA*
Acenaphthylene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Acenaphthene	20	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Fluorene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Phenanthrene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Anthracene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Fluoranthene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Pyrene	50	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(a)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Chrysene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(b)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(k)fluoranthene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(a)pyrene	ND	STD[2]	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Indeno(1,2,3-cd)pyrene	0.002	GV	*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Benzo(g,h,i)perylene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*
Dibenzo(a,h)anthracene	--		*< 10*	*< 10*	*< 10*	*< 10*	*< 0.020*

See last page for notes.

Table 4
ANALYTICAL RESULTS FOR ANNUAL MOSF GROUNDWATER SAMPLING
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

STD	Groundwater Quality Standard
GV	Groundwater Quality Guidance Value
STD[1]	Standard applies to sum of 1,2-, 1,3-, and 1,4-Xylene
STD[2]	Standard is non-detect
ND	Compound not detected in sample
NA	Not Analyzed - in later rounds of groundwater sampling a modified list of analytes was reported
--	indicates no standard or guidance value provided in NYSDEC TOGS (1.1.1)
"< 5"	Italicized numbers with preceding "<" indicate value is non-detect
45	Shaded values indicate exceedance of NYSDEC TOGS (1.1.1) Water Class GA standard or guidance value

A - Data compared to New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards & Guidance Values & Groundwater Effluent Limitations

Data Source: Consolidated Edison

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-1								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	Not Sampled - To be			ND
Benzene	0.7	ND	ND	ND	ND	ND	sampled annually			ND
Toluene	5	ND	ND	ND	ND	ND	concurrent with the			ND
Ethylbenzene	5	ND	ND	ND	ND	ND	Con Edison MOSF			ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	Sampling as per			ND
Naphthalene	10	ND	ND	ND	ND	ND	NYSDEC			ND
2-Butanone	5	ND	ND	ND	**39**	ND				ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND				ND
Chloroform	7	ND	ND	ND	ND	ND				ND
Chlorobenzene	5	ND	ND	ND	ND	ND				ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND				ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*				ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*				ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND				ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND				ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND				ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND				ND
Diethyl Ether	--	ND	ND	ND	ND	ND				ND
Isopropylbenzene	5	ND	ND	ND	ND	ND				ND
n-propylbenzene	5	ND	ND	ND	ND	ND				ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND				ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND				ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND
Tetrachloroethene	5	ND	ND	ND	ND	ND				ND
Trichloroethene	5	ND	ND	ND	ND	ND				ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND				ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND				ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND				ND
Methylene Chloride	5	ND	ND	ND	ND	ND				ND
Vinyl Chloride	2	ND	ND	ND	ND	ND				ND
Tetrahydrofuran	50	NA*	NA*	NA*	24	ND				ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*				ND

* Concentrations are in µg/L

See last page for notes.

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-2								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	Not Sampled - To be			ND
Benzene	0.7	ND	ND	ND	ND	ND	sampled annually			ND
Toluene	5	ND	ND	ND	ND	ND	concurrent with the			ND
Ethylbenzene	5	ND	ND	ND	ND	ND	Con Edison MOSF			ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	Sampling as per			ND
Naphthalene	10	ND	ND	ND	ND	ND	NYSDEC			ND
2-Butanone	5	ND	ND	ND	**33**	ND				ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND				ND
Chloroform	7	ND	ND	ND	ND	ND				ND
Chlorobenzene	5	ND	ND	ND	ND	ND				ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND				ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*				ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*				ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND				ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND				ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND				ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND				ND
Diethyl Ether	--	ND	ND	ND	ND	ND				ND
Isopropylbenzene	5	ND	ND	ND	ND	ND				ND
n-propylbenzene	5	ND	ND	ND	ND	ND				ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND				ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND				ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND
Tetrachloroethene	5	ND	ND	ND	ND	ND				ND
Trichloroethene	5	ND	ND	ND	ND	ND				ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND				ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND				ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND				ND
Methylene Chloride	5	ND	ND	ND	ND	ND				ND
Vinyl Chloride	2	ND	ND	ND	ND	ND				ND
Tetrahydrofuran	50	NA*	NA*	NA*	20	ND				ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*				ND

* Concentrations are in µg/L

See last page for notes.

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-3								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	NS	NS	NS	ND	Not Sampled - To be			ND
Benzene	0.7	ND	NS	NS	NS	ND	sampled annually			ND
Toluene	5	ND	NS	NS	NS	ND	concurrent with the			ND
Ethylbenzene	5	ND	NS	NS	NS	ND	Con Edison MOSF			ND
Xylenes (Total)	5	ND	NS	NS	NS	ND	Sampling as per			ND
Naphthalene	10	ND	NS	NS	NS	ND	NYSDEC			ND
2-Butanone	5	ND	NS	NS	NS	ND				ND
Carbon Tetrachloride	5	ND	NS	NS	NS	ND				ND
Chloroform	7	ND	NS	NS	NS	ND				ND
Chlorobenzene	5	ND	NS	NS	NS	ND				ND
cis-1,2-Dichloroethene	5	ND	NS	NS	NS	ND				ND
trans-1,2-Dichloroethene	5	NA*	NS	NS	NS	NA*				ND
1,2-Dichloroethane	0.6	NA*	NS	NS	NS	NA*				ND
1,1-Dichloroethene	5	ND	NS	NS	NS	ND				ND
1,1-Dichloroethane	5	ND	NS	NS	NS	ND				ND
1,2-Dichloropropane	1	ND	NS	NS	NS	ND				ND
1,2-Dichlorobenzene	3	ND	NS	NS	NS	ND				ND
Diethyl Ether	--	ND	NS	NS	NS	ND				ND
Isopropylbenzene	5	ND	NS	NS	NS	ND				ND
n-propylbenzene	5	ND	NS	NS	NS	ND				ND
4-Methyl-2-Pentanone	--	ND	NS	NS	NS	ND				ND
1,2,3-Trichloropropane	0.04	ND	NS	NS	NS	ND				ND
1,2,4-Trimethylbenzene	5	ND	NS	NS	NS	ND				ND
1,3,5-Trimethylbenzene	5	ND	NS	NS	NS	ND				ND
Tetrachloroethene	5	ND	NS	NS	NS	ND				ND
Trichloroethene	5	ND	NS	NS	NS	ND				ND
1,1,1-Trichloroethane	5	ND	NS	NS	NS	ND				ND
Trichlorofluoromethane	5	ND	NS	NS	NS	ND				ND
Methyl Tert-Butyl Ether	10	ND	NS	NS	NS	ND				ND
Methylene Chloride	5	ND	NS	NS	NS	ND				ND
Vinyl Chloride	2	ND	NS	NS	NS	ND				ND
Tetrahydrofuran	50	NA*	NS	NS	NS	ND				**130**
Dichlorodifluoromethane	5	NA*	NS	NS	NS	NA*				ND

* Concentrations are in µg/L

MW-3 was obstructed preventing access for 2nd, 3rd and 4th quarters in 2009

See last page for notes.

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-4								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	**30**	ND	ND	ND	ND
Ethylbenzene	5	**6.6**	ND	**15**	2.7	4.4	**62**	5	2.7	**150**
Xylenes (Total)	5	**70**	**8.7**	**23**	**10**	**27**	**40**	3.3	**5.5**	**20.3**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	2.7	3.8	2.9	ND
cis-1,2-Dichloroethene	5	2.9	3.6	**6.4**	**6.4**	3.4	**13**	**13**	**10**	**5.6**
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	4.1	**9.2**	**7.2**	4.4
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	**12**	**12**	**18**	**17**	**11**	5	4.7	4	3.7
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	**4.9**	**5.7**	**4.5**	2.4
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	2.7
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	2	2.1	2.6	2.6	ND	**16**	4.8	3.1	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	2.8	2.9	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-5								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	NS	ND	ND	ND	ND	Not Sampled - To be			ND
Benzene	0.7	NS	ND	ND	ND	ND	sampled annually			ND
Toluene	5	NS	ND	ND	ND	ND	concurrent with the			ND
Ethylbenzene	5	NS	ND	ND	ND	ND	Con Edison MOSF			ND
Xylenes (Total)	5	NS	ND	ND	ND	ND	Sampling as per			ND
Naphthalene	10	NS	ND	ND	ND	ND	NYSDEC			ND
2-Butanone	5	NS	ND	ND	ND	ND				ND
Carbon Tetrachloride	5	NS	ND	ND	ND	ND				ND
Chloroform	7	NS	ND	ND	ND	ND				ND
Chlorobenzene	5	NS	ND	ND	ND	ND				ND
cis-1,2-Dichloroethene	5	NS	ND	ND	ND	ND				ND
trans-1,2-Dichloroethene	5	NS	NA	NA	NA*	NA*				ND
1,2-Dichloroethane	0.6	NS	NA	NA	NA*	NA*				ND
1,1-Dichloroethene	5	NS	ND	ND	ND	ND				ND
1,1-Dichloroethane	5	NS	ND	ND	ND	ND				ND
1,2-Dichloropropane	1	NS	ND	ND	ND	ND				ND
1,2-Dichlorobenzene	3	NS	ND	ND	ND	ND				ND
Diethyl Ether	--	NS	ND	ND	ND	ND				ND
Isopropylbenzene	5	NS	ND	ND	ND	ND				ND
n-propylbenzene	5	NS	ND	ND	ND	ND				ND
4-Methyl-2-Pentanone	--	NS	ND	ND	ND	ND				ND
1,2,3-Trichloropropane	0.04	NS	ND	ND	ND	ND				ND
1,2,4-Trimethylbenzene	5	NS	ND	ND	ND	ND				ND
1,3,5-Trimethylbenzene	5	NS	ND	ND	ND	ND				ND
Tetrachloroethene	5	NS	ND	ND	ND	ND				ND
Trichloroethene	5	NS	ND	ND	ND	ND				ND
1,1,1-Trichloroethane	5	NS	ND	ND	ND	ND				ND
Trichlorofluoromethane	5	NS	ND	ND	ND	ND				ND
Methyl Tert-Butyl Ether	10	NS	ND	ND	ND	ND				ND
Methylene Chloride	5	NS	ND	ND	ND	ND				ND
Vinyl Chloride	2	NS	ND	ND	ND	ND				ND
Tetrahydrofuran	50	NS	NA*	NA*	ND	ND				ND
Dichlorodifluoromethane	5	NS	NA*	NA*	NA*	NA*				ND

* Concentrations are in µg/L
See last page for notes.

MW-5 was obstructed by a vehicle preventing access for the 1st quarter in 2009

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-10								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	**2.2**	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	**1,100**	ND	ND	**600**
Ethylbenzene	5	ND	ND	ND	ND	ND	**1,100**	3.8	2.1	**8**
Xylenes (Total)	5	ND	ND	ND	ND	ND	**2,470**	2.3	ND	**64**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	**39**	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	2.7	3.3	3.4	3.9	ND	3.9	3.4	**6.1**	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	**4.7**	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	**9**	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	3.2	ND	ND	ND
Trichloroethene	5	**5.6**	ND	ND	ND	ND	**11**	**7.8**	4.7	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	24	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-12								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	**2,600**	**13,000**	**3,000**	**2,400**	**3,400**	**200**	**390**	**720**	**3,500**
Ethylbenzene	5	**8,700**	**15,000**	**14,000**	**9,600**	**15,000**	**9,000**	**8,100**	**6,500**	**9,100**
Xylenes (Total)	5	**38,200**	**59,100**	**62,100**	**38,200**	**61,000**	**37,000**	**30,310**	**22,650**	**36,200**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-14								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	3.8	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	4.1	**6.2**	**7.4**	4.9	ND	ND	ND	2.8	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	2.1	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-20								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	**30**	ND	**5.2**
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	**19**	**11**	**18**
Xylenes (Total)	5	ND	ND	ND	ND	ND	ND	**106**	**37**	**69**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	GP-2								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Benzene	0.7	ND	ND	NS	NS	NS	NS	NS	NS	NS
Toluene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Xylenes (Total)	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Naphthalene	10	ND	ND	NS	NS	NS	NS	NS	NS	NS
2-Butanone	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Carbon Tetrachloride	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Chloroform	7	ND	ND	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	5	NA*	NA	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	0.6	NA*	NA	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethene	5	1	ND	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	1	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	3	ND	ND	NS	NS	NS	NS	NS	NS	NS
Diethyl Ether	--	ND	ND	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
n-propylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
4-Methyl-2-Pentanone	--	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichloropropane	0.04	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethene	5	2.2	ND	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,1,1-Trichloroethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Methyl Tert-Butyl Ether	10	ND	ND	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	2	ND	ND	NS	NS	NS	NS	NS	NS	NS
Tetrahydrofuran	50	NA*	NA*	NS	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	5	NA*	NA*	NS	NS	NS	NS	NS	NS	NS

* Concentrations are in µg/L

See last page for notes.

GP-2 was decommissioned in 2010. GP-2 was not sampled in the second half of 2009 and no reason is stated in LBG data tables.

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	CE-4								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	Not Sampled -		ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	To be sampled		ND
Toluene	5	ND	ND	ND	**42**	ND	ND	annually		**1,500**
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	concurrent with		**16**
Xylenes (Total)	5	ND	ND	ND	**11**	ND	ND	the Con Edison		**121**
Naphthalene	10	ND	ND	ND	ND	ND	ND	MOSF sampling		ND
2-Butanone	5	ND	ND	ND	**35**	ND	ND	as per NYSDEC.		ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND			ND
Chloroform	7	ND	ND	ND	ND	ND	ND			ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND			ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND			ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND			ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND			ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND			ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND			ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND			ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND			ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND			ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	**14**			**11**
n-propylbenzene	5	ND	ND	ND	ND	ND	ND			ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND			ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND			ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND			ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND			ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND			ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND			ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND			ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND			ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND			ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND			ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND			ND
Tetrahydrofuran	50	NA*	NA*	NA*	22	ND	ND			ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND			ND

* Concentrations are in µg/L

See last page for notes.

Table 5
GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
MONITORING WELLS IMMEDIATELY ADJACENT TO MOSF SITE
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

ND	Compound not detected in sample
NS	Well not sampled
NR	Not reported or not shown in LBG data tables
NA*	Analyte not analyzed
--	indicates no standard or guidance value provided in NYSDEC TOGS (1.1.1)
45	Shaded values indicate exceedance of NYSDEC TOGS (1.1.1) Water Class GA standard or guidance value

1 - Data compared to New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards & Guidance Values & Groundwater Effluent Limitations

Data Source: Leggette, Brashears, & Graham, Inc. (LBG) Quarterly Groundwater Monitoring Reports for Fyn Paint & Lacquer Co. Inc. 230 Kent Avenue, Borough of Brooklyn, City of New York VCP Site #V00380-2, VCP Index #W2-0873-00-10

Table 6
SOIL ANALYTICAL RESULTS vs. PART 375 SOIL CLEANUP OBJECTIVES (SCOs)
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Sample ID Sample Date	Unrestricted Use SCOs	Restricted Residential Use SCOs	Commercial Use SCOs	Industrial Use SCOs	B1(12') 5/9/2011	B2(9') 5/9/2011	B3(9') 5/9/2011	B4(9.5') 5/9/2011	B5(10') 5/9/2011	B6(8') 5/9/2011	B7(7') 5/10/2011	B8(7') 5/10/2011	B9(6.5') 5/10/2011
Volatile Organic Compounds (VOCs) (ug/kg)													
Acetone	50	100,000	500,000	1,000,000	12 j	17 j	3.6 j	ND	4.0 j	5.5 j	ND	5.7 j	ND
Benzene	60	4,800	44,000	89,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	100,000	500,000	1,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	100,000	500,000	1,000,000	5.9 jb	5.9 jb	7.1 jb	5.5 jb	6.2 jb	5.8 jb	4.9 jb	6.9 jb	4.4 jb
n-Propylbenzene	3,900	100,000	500,000	1,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11,000	100,000	500,000	1,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	19,000	150,000	300,000	ND	ND	ND	ND	ND	ND	ND	1.4 j	ND
Toluene	700	100,000	500,000	1,000,000	ND	ND	ND	ND	ND	0.53 j	ND	0.5 j	ND
Total Xylenes	260	100,000	500,000	1,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)													
Acenaphthene	20,000	100,000	500,000	1,000,000	74 j	320	ND	ND	ND	ND	71 j	39 j	100 j
Acenaphthylene	100,000	100,000	500,000	1,000,000	28 j	ND	ND	ND	ND	ND	29 j	52 j	100 j
Anthracene	100,000	100,000	500,000	1,000,000	190 j	ND	ND	ND	27 j	89 j	160 j	160 j	470 j
Benzo(a)anthracene	1,000	1,000	5,600	11,000	460	ND	ND	ND	110 j	390	560	780	**2,700**
Benzo(a)pyrene	1,000	1,000	1,000	1,100	390	ND	ND	ND	110 j	280 j	500	820	**1,900**
Benzo(b)fluoranthene	1,000	1,000	5,600	11,000	440	ND	ND	ND	130 j	320	510	900	**2,800**
Benzo(g,h,i)perylene	100,000	100,000	500,000	1,000,000	490	ND	ND	ND	250 j	370	610	1,200	2,800
Benzo(k)fluoranthene	800	3,900	56,000	110,000	160 j	ND	ND	ND	58 j	130 j	210 j	360	**1,000** j
Chrysene	1,000	3,900	56,000	110,000	420	ND	ND	ND	120 j	360	560	790	**2,800**
Dibenz(a,h) anthracene	330	330	560	1,100	250 j	ND	ND	ND	ND	230 j	290 j	320	**750** j
Dibenzofuran					61 j	ND	ND	ND	ND	ND	25 j	46 j	ND
Fluoranthene	100,000	100,000	500,000	1,000,000	860	ND	ND	ND	200 j	650	930	1,200	7,000
Flourene	30,000	100,000	500,000	1,000,000	110 j	ND	ND	ND	ND	ND	61 j	39 j	110 j
Indeno(1,2,3-cd)pyrene	500	500	5,600	11,000	**530**	ND	ND	ND	260 j	380	**650**	**1,200**	**2,600**
Naphthalene	12,000	100,000	500,000	1,000,000	73 j	ND	ND	ND	ND	ND	27 j	63 j	84 j
Phenanthrene	100,000	100,000	500,000	1,000,000	640	ND	ND	ND	140 j	250 j	910	600	1,200 j
Pyrene	100,000	100,000	500,000	1,000,000	1,100 *	ND	ND	ND	260 j*	870 *	1,700 *	1,900 *	8,800 *
Pesticides (ug/kg)													
4,4'-DDD	3.3	13,000	92,000	180,000	NC	NC	ND	NC	ND	NC	NC	NC	**3.5** jp
4,4'-DDE	3.3	8,900	62,000	120,000	NC	NC	1.3 jb*	NC	1.6 jb	NC	NC	NC	**6.0** pb
4,4'-DDT	3.3	7,900	47,000	94,000	NC	NC	ND	NC	**4.9** *	NC	NC	NC	ND
alpha-BHC	20	480	3,400	6,800	NC	NC	ND	NC	ND	NC	NC	NC	0.61 j
alpha-Chlordane	94	4,200	24,000	47,000	NC	NC	2	NC	ND	NC	NC	NC	1.3 jp
Dieldrin	5	200	1,400	2,800	NC	NC	ND	NC	ND	NC	NC	NC	3.6 jp
Endrin	14	11,000	89,000	410,000	NC	NC	ND	NC	ND	NC	NC	NC	1.9 jp
Heptachlor	42	2,100	15,000	29,000	NC	NC	0.5 jpb*	NC	0.46 jpb*	NC	NC	NC	ND

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
ND - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was detected in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 6
SOIL ANALYTICAL RESULTS vs. PART 375 SOIL CLEANUP OBJECTIVES (SCOs)
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Sample ID Sample Date	Unrestricted Use SCOs	Restricted Residential Use SCOs	Commercial Use SCOs	Industrial Use SCOs	B10(7') 5/10/2011	B11(9') 5/10/2011	B12(9') 5/10/2011	B13(10') 5/9/2011	B14(12') 5/9/2011	B15(9') 5/9/2011	B16(9') 5/9/2011	B17(9') 5/9/2011	B18(7') 5/9/2011
Volatile Organic Compounds (VOCs) (ug/kg)													
Acetone	50	100,000	500,000	1,000,000	ND	17 j	**64**	14 j	6.4 j	20 j	37	**57**	ND
Benzene	60	4,800	44,000	89,000	ND	ND	ND	ND	ND	ND	ND	ND	0.87 j
Methyl Ethyl Ketone	120	100,000	500,000	1,000,000	ND	ND	ND	ND	ND	ND	ND	19	ND
Methylene Chloride	50	100,000	500,000	1,000,000	5.4 jb	5.5 jb	5.6 jb	6.1 jb	6.4 jb	6.0 jb	5.7 jb	4.7 jb	5.4 jb
n-Propylbenzene	3,900	100,000	500,000	1,000,000	ND	ND	ND	ND	ND	ND	ND	0.92 j	ND
sec-Butylbenzene	11,000	100,000	500,000	1,000,000	ND	ND	ND	ND	ND	ND	ND	51	ND
Tetrachloroethene	1,300	19,000	150,000	300,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	100,000	500,000	1,000,000	ND	ND	ND	ND	ND	ND	ND	ND	1.3 j
Total Xylenes	260	100,000	500,000	1,000,000	ND	ND	ND	1.9 j	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)													
Acenaphthene	20,000	100,000	500,000	1,000,000	25 j	ND	ND	ND	ND	ND	24 j	70 j	ND
Acenaphthylene	100,000	100,000	500,000	1,000,000	ND	ND	ND	ND	ND	ND	31 j	ND	ND
Anthracene	100,000	100,000	500,000	1,000,000	100 j	ND	ND	ND	ND	ND	34 j	71 j	16 j
Benzo(a)anthracene	1,000	1,000	5,600	11,000	650	ND	ND	ND	ND	ND	130 j	ND	110 j
Benzo(a)pyrene	1,000	1,000	1,000	1,100	640	ND	ND	ND	ND	ND	170 j	ND	140 j
Benzo(b)fluoranthene	1,000	1,000	5,600	11,000	710	ND	ND	ND	ND	ND	250 j	ND	180 j
Benzo(g,h,i)perylene	100,000	100,000	500,000	1,000,000	800	ND	ND	ND	ND	ND	500	ND	330
Benzo(k)fluoranthene	800	3,900	56,000	110,000	280 j	ND	ND	ND	ND	ND	77 j	ND	64 j
Chrysene	1,000	3,900	56,000	110,000	620	ND	ND	ND	ND	ND	160 j	ND	140 j
Dibenz(a,h) anthracene	330	330	560	1,100	**350**	ND	ND	ND	ND	ND	120 j	ND	200 j
Dibenzofuran					ND	ND	ND	ND	ND	ND	34 j	99 j	ND
Fluoranthene	100,000	100,000	500,000	1,000,000	1,100	ND	ND	ND	ND	ND	190 j	ND	160 j
Flourene	30,000	100,000	500,000	1,000,000	24 j	ND	ND	ND	ND	ND	28 j	220 j	ND
Indeno(1,2,3-cd)pyrene	500	500	5,600	11,000	**860**	ND	ND	ND	ND	ND	410	ND	320
Naphthalene	12,000	100,000	500,000	1,000,000	21 j	ND	ND	ND	ND	ND	97 j	ND	ND
Phenanthrene	100,000	100,000	500,000	1,000,000	470	ND	ND	ND	ND	ND	170 j	540	85 j
Pyrene	100,000	100,000	500,000	1,000,000	1500 *	ND	ND	ND	ND	ND	310 *	120 j*	250 j*
Pesticides (ug/kg)													
4,4'-DDD	3.3	13,000	92,000	180,000	NC	ND	NC	NC	ND	NC	NC	NC	NC
4,4'-DDE	3.3	8,900	62,000	120,000	NC	1 jb	NC	NC	1.0 jb*	NC	NC	NC	NC
4,4'-DDT	3.3	7,900	47,000	94,000	NC	ND	NC	NC	ND	NC	NC	NC	NC
alpha-BHC	20	480	3,400	6,800	NC	ND	NC	NC	ND	NC	NC	NC	NC
alpha-Chlordane	94	4,200	24,000	47,000	NC	ND	NC	NC	ND	NC	NC	NC	NC
Dieldrin	5	200	1,400	2,800	NC	ND	NC	NC	ND	NC	NC	NC	NC
Endrin	14	11,000	89,000	410,000	NC	ND	NC	NC	ND	NC	NC	NC	NC
Heptachlor	42	2,100	15,000	29,000	NC	0.54 jb*	NC	NC	0.44 jb*	NC	NC	NC	NC

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
ND - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was detected in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 6
SOIL ANALYTICAL RESULTS vs. PART 375 SOIL CLEANUP OBJECTIVES (SCOs)
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Sample ID Sample Date	Unrestricted Use SCOs	Restricted Residential Use SCOs	Commercial Use SCOs	Industrial Use SCOs	B1(12') 5/9/2011	B2(9') 5/9/2011	B3(9') 5/9/2011	B4(9.5') 5/9/2011	B5(10') 5/9/2011	B6(8') 5/9/2011	B7(7') 5/10/2011	B8(7') 5/10/2011	B9(6.5') 5/10/2011
PCBs (ug/kg)	100	1,000	1,000	2,500									
Aroclor 1254					NC	NC	ND	NC	ND	NC	NC	NC	**160**
Aroclor 1260					NC	NC	ND	NC	ND	NC	NC	NC	**56**
Metals (mg/kg)													
Aluminum	NS	NS	NS	NS	7,090	9,440	5,880	7,660	8,260	5,510	6,010	8,070	6,750
Antimony	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	6.4	ND
Arsenic	13	16	16	16	2.0 j	2.8 j	2.3 j	2.3 j	3.4 j	3.8 j	3.5 j	**33.7**	5.1 j
Barium	350	400	400	10,000	41.4	50.9	25.6	38.6	35.2	47.6	80.9	**372**	128
Beryllium	7.2	72	590	2,700	0.33 j	0.46 j	0.29 j	0.38 j	0.33 j	0.29 j	0.27 j	0.36 j	0.28 j
Cadmium	2.5	4	9	60	ND	ND	ND	ND	ND	0.66 j	0.87 j	0.8 j	1.0 j
Calcium	NS	NS	NS	NS	1,620	870	849	1,110	824	2,800	5,590	8,770	13,700
Chromium	30	180	1,500	6,800	**32.0**	13.7	13.1	22.8	13.3	15.5	14.7	**76.9**	20.2
Cobalt	NS	NS	NS	NS	3.5	5.2	4.5	6.3	4.8	5.5	5.1	28.5	6.5
Copper	50	270	270	10,000	27.1	12.8	11.6	19.2	9.9	31.5	**103**	**536**	**87.2**
Iron	NS	NS	NS	NS	23,000	16,300	12,500	28,700	14,300	17,000	16,500	37,400	13,800
Lead	63	400	1,000	3,900	54.6	21.4	7.6	7.6	23.7	61.1	**165**	**522**	**196**
Magnesium	NS	NS	NS	NS	1,010	2180	2,260	2,510	1,740	2,670	1,760	3,740	2,480
Manganese	1,600	2,000	10,000	10,000	267	139	143	479	187	283	253	716	317
Mercury	0.18	0.81	2.8	5.7	0.2	0.055	0.0055 j	0.0064 j	0.029 j	0.076	**0.20**	**0.32**	**0.55**
Nickel	30	310	310	10,000	8.8	10.9	16.7	12.5	9.9	22.8	14.1	**33.4**	22.4
Potassium	NS	NS	NS	NS	491	548	989	1650	550	882	833	1,120	763
Selenium	3.9	310	310	10,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	2	180	1,500	6,800	0.19 j	0.33 j	0.12 j	0.44 j	0.21 j	0.34 j	0.45 j	1.0 j	0.31 j
Sodium	NS	NS	NS	NS	78.8 j	70.4 j	141	221	316	58.2 j	70.5 j	380	153
Thallium	NS	NS	NS	NS	ND	ND	ND	1.2 j	ND	ND	ND	ND	ND
Vanadium	NS	NS	NS	NS	72.6	18.2	15.4	30.6	15.9	20.8	21.1	24.2	18.0
Zinc	109	10,000	10,000	10,000	34.7	27.9	21.4	30.3	23.7	81.7	**158**	**2,270**	**409**

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
ND - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit
* - RPD of the LCS and LCSD exceeds the control limits
* - LCS or LCSD exceeds the control limits
NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
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Table 6
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WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Sample ID Sample Date	Unrestricted Use SCOs	Restricted Residential Use SCOs	Commercial Use SCOs	Industrial Use SCOs	B10(7') 5/10/2011	B11(9') 5/10/2011	B12(9') 5/10/2011	B13(10') 5/9/2011	B14(12') 5/9/2011	B15(9') 5/9/2011	B16(9') 5/9/2011	B17(9') 5/9/2011	B18(7') 5/9/2011
PCBs (ug/kg)	100	1,000	1,000	2,500									
Aroclor 1254					NC	ND	NC	NC	ND	NC	NC	NC	NC
Aroclor 1260					NC	ND	NC	NC	ND	NC	NC	NC	NC
Metals (mg/kg)													
Aluminum	NS	NS	NS	NS	3,460	3,870	7,330	10,500	7,200	6,740	7,070	6,240	5,290
Antimony	NS	NS	NS	NS	1.3 j	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	13	16	16	16	7.1	2.5 j	2.6 j	4.7 j	1.9 j	2.3 j	7.1	3.1 j	4.7 j
Barium	350	400	400	10,000	148	24.9	35.9	34.0	41.1	32.5	65.1	40.9	49.2
Beryllium	7.2	72	590	2,700	0.18 j	0.32 j	0.42 j	0.39 j	0.24 j	0.28 j	0.35 j	0.35 j	0.24 j
Cadmium	2.5	4	9	60	0.91 j	ND	ND	ND	ND	ND	0.98 j	ND	0.31 j
Calcium	NS	NS	NS	NS	1,640	1,220	889	862	30,800	587	5,040	1,040	3470
Chromium	30	180	1,500	6,800	16.4	11.4	15.6	19.7	18.4	18.2	16.6	16.0	20.8
Cobalt	NS	NS	NS	NS	4.2	3.8	3.8	6.9	5.4	4.5	5.6	5.0	22.7
Copper	50	270	270	10,000	**501**	14.8	14	14.5	18.3	12.9	49.8	16.3	**307**
Iron	NS	NS	NS	NS	20,200	15,400	20,600	23,900	13,700	25,900	18,800	20,600	13,900
Lead	63	400	1,000	3,900	**1,140**	5.2	5.3	44.1	27.6	12.6	**137**	27.6	**130**
Magnesium	NS	NS	NS	NS	1,210	1,530	1,850	2,110	2,520	1,670	2,150	1,830	1,680
Manganese	1,600	2,000	10,000	10,000	168	400	137	472	254	180	316	375	313
Mercury	0.18	0.81	2.8	5.7	**1.3**	0.0093 j	0.0086 j	0.011 j	0.63	0.012 j	**0.31**	0.050	**0.34**
Nickel	30	310	310	10,000	18.5	9.2	10.6	11.6	13.5	9.6	16.6	11.1	24.7
Potassium	NS	NS	NS	NS	456	718	727	573	992	790	859	806	764
Selenium	3.9	310	310	10,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	2	180	1,500	6,800	0.47 j	0.20 j	0.33 j	0.43 j	ND	0.29 j	0.32 j	0.33 j	0.26 j
Sodium	NS	NS	NS	NS	68.2 j	77.9 j	43.6 j	106 j	448	49.1 j	97.2 j	73.5 j	66.5 j
Thallium	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	NS	NS	NS	NS	16.9	19.2	22.7	28.3	18.4	26.1	23.6	22.9	24.3
Zinc	109	10,000	10,000	10,000	**361**	26.5	23.3	29.1	42.9	25.6	**162**	25.9	97.6

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
ND - compound was not detected at the MDL.
j - Indicates an estimated value.
b - The analyte was found in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
* - Surrogate exceeds the control limit
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NS - No Standard
NC - Samples not collected for this parameter.
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Table 7
SOIL ANALYTICAL RESULTS vs. PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES (SCOs)
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Sample ID **Sample Date**	Protection of Groundwater SCOs	**B1(12')** **5/9/2011**	**B2(9')** **5/9/2011**	**B3(9')** **5/9/2011**	**B4(9.5')** **5/9/2011**	**B5(10')** **5/9/2011**	**B6(8')** **5/9/2011**	**B7(7')** **5/10/2011**	**B8(7')** **5/10/2011**	**B9(6.5')** **5/10/2011**
Volatile Organic Compounds (VOCs) (ug/kg)										
Acetone	50	12 j	17 j	3.6 j	ND	4.0 j	5.5 j	ND	5.7 j	ND
Benzene	60	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	120	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	5.9 jb	5.9 jb	7.1 jb	5.5 jb	6.2 jb	5.8 jb	4.9 jb	6.9 jb	4.4 jb
n-Propylbenzene	3,900	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	1.4 j	ND
Toluene	700	ND	ND	ND	ND	ND	0.53 j	ND	0.5 j	ND
Total Xylenes	1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)										
Acenaphthene	98,000	74 j	320	ND	ND	ND	ND	71 j	39 j	100 j
Acenaphthylene	107,000	28 j	ND	ND	ND	ND	ND	29 j	52 j	100 j
Anthracene	1,000,000	190 j	ND	ND	ND	27 j	89 j	160 j	160 j	470 j
Benzo(a)anthracene	1,000	460	ND	ND	ND	110 j	390	560	780	**2,700**
Benzo(a)pyrene	22,000	390	ND	ND	ND	110 j	280 j	500	820	1,900
Benzo(b)fluoranthene	1,700	440	ND	ND	ND	130 j	320	510	900	**2,800**
Benzo(g,h,i)perylene	1,000,000	490	ND	ND	ND	250 j	370	610	1,200	2,800
Benzo(k)fluoranthene	1,700	160 j	ND	ND	ND	58 j	130 j	210 j	360	1,000 j
Chrysene	1,000	420	ND	ND	ND	120 j	360	560	790	**2,800**
Dibenz(a,h) anthracene	1,000,000	250 j	ND	ND	ND	ND	230 j	290 j	320	750 j
Dibenzofuran	210,000	61 j	ND	ND	ND	ND	ND	25 j	46 j	ND
Fluoranthene	1,000,000	860	ND	ND	ND	200 j	650	930	1,200	7,000
Flourene	386,000	110 j	ND	ND	ND	ND	ND	61 j	39 j	110 j
Indeno(1,2,3-cd)pyrene	8,200	530	ND	ND	ND	260 j	380	650	1,200	2,600
Naphthalene	12,000	73 j	ND	ND	ND	ND	ND	27 j	63 j	84 j
Phenanthrene	1,000,000	640	ND	ND	ND	140 j	250 j	910	600	1,200 j
Pyrene	1,000,000	1,100	ND	ND	ND	260 j	870	1,700	1,900	8,800
Pesticides (ug/kg)										
4,4'-DDD	14,000	NC	NC	ND	NC	ND	NC	NC	NC	3.5 jp
4,4'-DDE	17,000	NC	NC	1.3 jb*	NC	1.6 jb	NC	NC	NC	6.0 pb
4,4'-DDT	136,000	NC	NC	ND	NC	4.9 *	NC	NC	NC	ND
alpha-BHC	20	NC	NC	ND	NC	ND	NC	NC	NC	0.61 j
alpha-Chlordane	2,900	NC	NC	2	NC	ND	NC	NC	NC	1.3 jp
Dieldrin	100	NC	NC	ND	NC	ND	NC	NC	NC	3.6 jp
Endrin	60	NC	NC	ND	NC	ND	NC	NC	NC	1.9 jp
Heptachlor	380	NC	NC	0.5 jpb*	NC	0.46 jpb*	NC	NC	NC	ND

Notes:
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j - Indicates an estimated value.
b - The analyte was detected in an associated blank, as well as in the sample.
p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
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WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Sample ID Sample Date	Protection of Groundwater SCOs	B10(7') 5/10/2011	B11(9') 5/10/2011	B12(9') 5/10/2011	B13(10') 5/9/2011	B14(12') 5/9/2011	B15(9') 5/9/2011	B16(9') 5/9/2011	B17(9') 5/9/2011	B18(7') 5/9/2011
Volatile Organic Compounds (VOCs) (ug/kg)										
Acetone	50	ND	17 j	**64**	14 j	6.4 j	20 j	37	**57**	ND
Benzene	60	ND	ND	ND	ND	ND	ND	ND	ND	0.87 j
Methyl Ethyl Ketone	120	ND	ND	ND	ND	ND	ND	ND	19	ND
Methylene Chloride	50	5.4 jb	5.5 jb	5.6 jb	6.1 jb	6.4 jb	6.0 jb	5.7 jb	4.7 jb	5.4 jb
n-Propylbenzene	3,900	ND	ND	ND	ND	ND	ND	ND	0.92 j	ND
sec-Butylbenzene	11,000	ND	ND	ND	ND	ND	ND	ND	51	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	ND	ND	ND	ND	ND	1.3 j
Total Xylenes	1,600	ND	ND	ND	1.9 j	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)										
Acenaphthene	98,000	25 j	ND	ND	ND	ND	ND	24 j	70 j	ND
Acenaphthylene	107,000	ND	ND	ND	ND	ND	ND	31 j	ND	ND
Anthracene	1,000,000	100 j	ND	ND	ND	ND	ND	34 j	71 j	16 j
Benzo(a)anthracene	1,000	650	ND	ND	ND	ND	ND	130 j	ND	110 j
Benzo(a)pyrene	22,000	640	ND	ND	ND	ND	ND	170 j	ND	140 j
Benzo(b)fluoranthene	1,700	710	ND	ND	ND	ND	ND	250 j	ND	180 j
Benzo(g,h,i)perylene	1,000,000	800	ND	ND	ND	ND	ND	500	ND	330
Benzo(k)fluoranthene	1,700	280 j	ND	ND	ND	ND	ND	77 j	ND	64 j
Chrysene	1,000	620	ND	ND	ND	ND	ND	160 j	ND	140 j
Dibenz(a,h) anthracene	1,000,000	350	ND	ND	ND	ND	ND	120 j	ND	200 j
Dibenzofuran	210,000	ND	ND	ND	ND	ND	ND	34 j	99	ND
Fluoranthene	1,000,000	1,100	ND	ND	ND	ND	ND	190 j	ND	160 j
Flourene	386,000	24 j	ND	ND	ND	ND	ND	28 j	220 j	ND
Indeno(1,2,3-cd)pyrene	8,200	860	ND	ND	ND	ND	ND	410	ND	320
Naphthalene	12,000	21 j	ND	ND	ND	ND	ND	97 j	ND	ND
Phenanthrene	1,000,000	470	ND	ND	ND	ND	ND	170 j	540 j	85 j
Pyrene	1,000,000	1,500	ND	ND	ND	ND	ND	310	120	250 j
Pesticides (ug/kg)										
4,4'-DDD	14,000	NC	ND	NC	NC	ND	NC	NC	NC	NC
4,4'-DDE	17,000	NC	1 jb	NC	NC	1.0 jb*	NC	NC	NC	NC
4,4'-DDT	136,000	NC	ND	NC	NC	ND	NC	NC	NC	NC
alpha-BHC	20	NC	ND	NC	NC	ND	NC	NC	NC	NC
alpha-Chlordane	2,900	NC	ND	NC	NC	ND	NC	NC	NC	NC
Dieldrin	100	NC	ND	NC	NC	ND	NC	NC	NC	NC
Endrin	60	NC	ND	NC	NC	ND	NC	NC	NC	NC
Heptachlor	380	NC	0.54 jb*	NC	NC	0.44 jb*	NC	NC	NC	NC

Notes:
highlighted cells indicate exceedances of NYSDEC Part 375 SCOs
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WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Sample ID Sample Date	Protection of Groundwater SCOs	B1(12') 5/9/2011	B2(9') 5/9/2011	B3(9') 5/9/2011	B4(9.5') 5/9/2011	B5(10') 5/9/2011	B6(8') 5/9/2011	B7(7') 5/10/2011	B8(7') 5/10/2011	B9(6.5') 5/10/2011
PCBs (ug/kg)	3,200									
Aroclor 1254		ND	ND	ND	ND	ND	ND	ND	ND	160
Aroclor 1260		ND	ND	ND	ND	ND	ND	ND	ND	56
Metals (mg/kg)										
Aluminum	NS	7,090	9,440	5,880	7,660	8,260	5,510	6,010	8,070	6,750
Antimony	NS	ND	ND	ND	ND	ND	ND	ND	6.4	ND
Arsenic	16	2.0 j	2.8 j	2.3 j	2.3 j	3.4 j	3.8 j	3.5 j	**33.7**	5.1 j
Barium	820	41.4	50.9	25.6	38.6	35.2	47.6	80.9	372	128
Beryllium	47	0.33 j	0.46 j	0.29 j	0.38 j	0.33 j	0.29 j	0.27 j	0.36 j	0.28 j
Cadmium	7.5	ND	ND	ND	ND	ND	0.66 j	0.87 j	0.8 j	1.0 j
Calcium	NS	1,620	870	849	1,110	824	2,800	5,590	8,770	13,700
Chromium	NS	32	13.7	13.1	22.8	13.3	15.5	14.7	76.9	20.2
Cobalt	NS	3.5	5.2	4.5	6.3	4.8	5.5	5.1	28.5	6.5
Copper	1,720	27.1	12.8	11.6	19.2	9.9	31.5	103	536	87.2
Iron	NS	23,000	16,300	12,500	28,700	14,300	17,000	16,500	37,400	13,800
Lead	450	54.6	21.4	7.6	7.6	23.7	61.1	165	**522**	196
Magnesium	NS	1,010	2,180	2,260	2,510	1,740	2,670	1,760	3,740	2,480
Manganese	2,000	267	139	143	479	187	283	253	716	317
Mercury	0.73	0.2	0.055	0.0055 j	0.0064 j	0.029 j	0.076	0.20	0.32	0.55
Nickel	130	8.8	10.9	16.7	12.5	9.9	22.8	14.1	33.4	22.4
Potassium	NS	491	548	989	1,650	550	882	833	1,120	763
Selenium	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	8.3	0.19 j	0.33 j	0.12 j	0.44 j	0.21 j	0.34 j	0.45 j	1.0 j	0.31 j
Sodium	NS	78.8 j	70.4 j	141	221	316	58.2 j	70.5 j	380	153
Thallium	NS	ND	ND	ND	1.2 j	ND	ND	ND	ND	ND
Vanadium	NS	72.6	18.2	15.4	30.6	15.9	20.8	21.1	24.2	18.0
Zinc	2,480	34.7	27.9	21.4	30.3	23.7	81.7	158	2,270	409

Notes:
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49 RIVER STREET
BROOKLYN, NEW YORK

Sample ID Sample Date	Protection of Groundwater SCOs	B10(7') 5/10/2011	B11(9') 5/10/2011	B12(9') 5/10/2011	B13(10') 5/9/2011	B14(12') 5/9/2011	B15(9') 5/9/2011	B16(9') 5/9/2011	B17(9') 5/9/2011	B18(7') 5/9/2011
PCBs (ug/kg)	3,200									
Aroclor 1254		ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260		ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals (mg/kg)										
Aluminum	NS	3,460	3,870	7,330	10,500	7,200	6,740	7,070	6,240	5,290
Antimony	NS	1.3 j	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	16	7.1	2.5 j	2.6 j	4.7 j	1.9 j	2.3 j	7.1	3.1 j	4.7 j
Barium	820	148	24.9	35.9	34.0	41.1	32.5	65.1	40.9	49.2
Beryllium	47	0.18 j	0.32 j	0.42 j	0.39 j	0.24 j	0.28 j	0.35 j	0.35 j	0.24 j
Cadmium	7.5	0.91 j	ND	ND	ND	ND	ND	0.98 j	ND	0.31 j
Calcium	NS	1,640	1,220	889	862	30,800	587	5,040	1,040	3,470
Chromium	NS	16.4	11.4	15.6	19.7	18.4	18.2	16.6	16.0	20.8
Cobalt	NS	4.2	3.8	3.8	6.9	5.4	4.5	5.6	5.0	22.7
Copper	1,720	501	14.8	14	14.5	18.3	12.9	49.8	16.3	307
Iron	NS	20,200	15,400	20,600	23,900	13,700	25,900	18,800	20,600	13,900
Lead	450	**1,140**	5.2	5.3	44.1	27.6	12.6	137	27.6	130
Magnesium	NS	1,210	1,530	1,850	2,110	2,520	1,670	2,150	1,830	1,680
Manganese	2,000	168	400	137	472	254	180	316	375	313
Mercury	0.73	**1.3**	0.0093 j	0.0086 j	0.011 j	0.63	0.012 j	0.31	0.050	0.34
Nickel	130	18.5	9.2	10.6	11.6	13.5	9.6	16.6	11.1	24.7
Potassium	NS	456	718	727	573	992	790	859	806	764
Selenium	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	8.3	0.47 j	0.20 j	0.33 j	0.43 j	ND	0.29 j	0.32 j	0.33 j	0.26 j
Sodium	NS	68.2 j	77.9 j	43.6 j	106 j	448	49.1 j	97.2 j	73.5 j	66.5 j
Thallium	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	NS	16.9	19.2	22.7	28.3	18.4	26.1	23.6	22.9	24.3
Zinc	2,480	361	26.5	23.3	29.1	42.9	25.6	162	25.9	97.6

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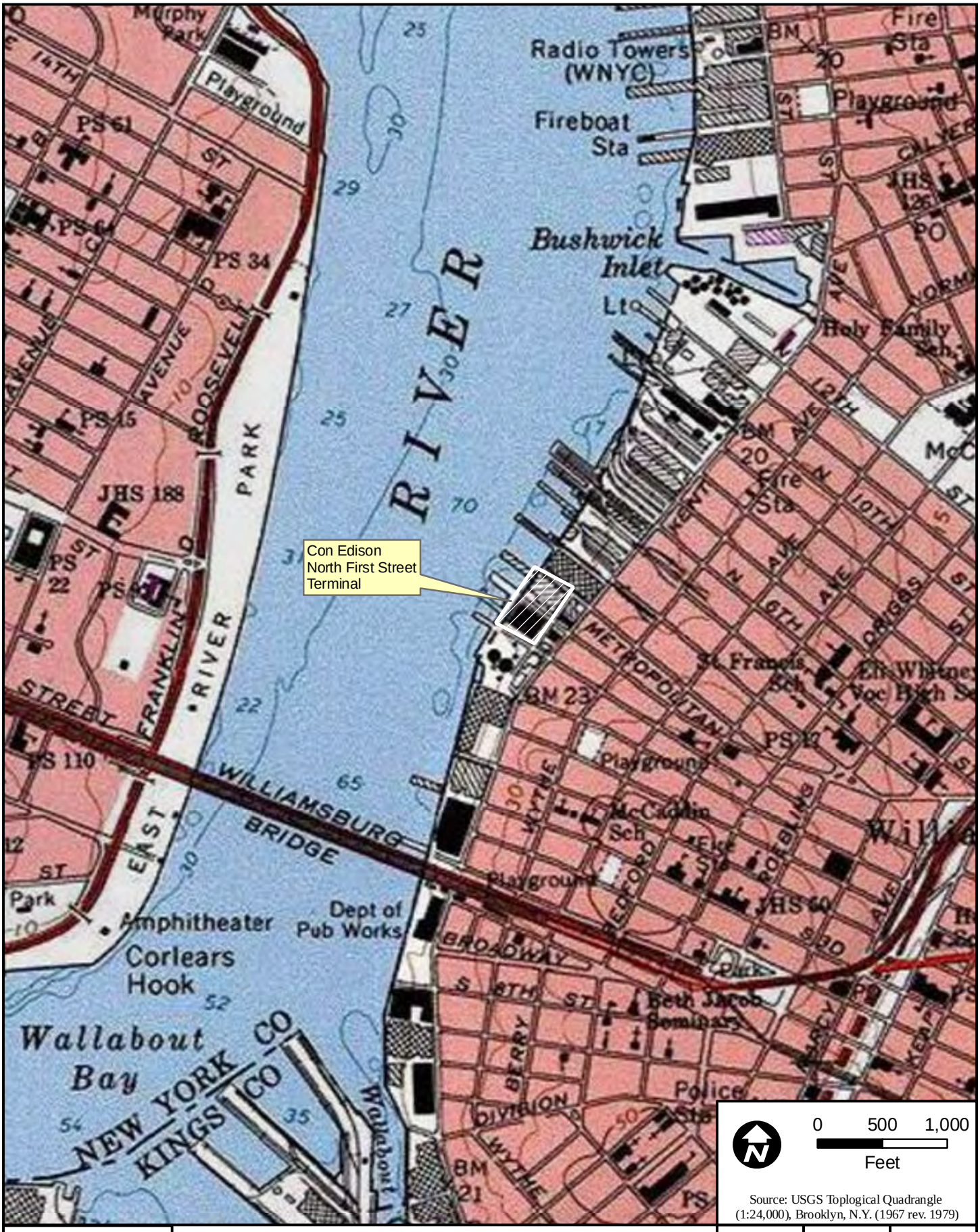
Table 8
REPORTED SOIL CONCENTRATION EXCEEDENCES
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

Compound	Highest Concentration	Sample Locations with Exceedences	SCOs Exceeded for the Sample with the Highest Concentration
Acetone (ug/kg)	64	**B12(9)**, B17(9)	Unrestricted, Impacts to Groundwater
benzo(a)anthracene (ug/kg)	2,700	**B9(6.5)**	Unrestricted, Restricted Residential, Impacts to Groundwater
benzo(a)pyrene (ug/kg)	1,900	**B9(6.5)**	Unrestricted, Restricted Residential, Restricted Commercial, Restricted Industrial
benzo(b)fluoranthene (ug/kg)	2,800	**B9(6.5)**	Unrestricted, Restricted Residential, Impacts to Groundwater
benzo(k)fluoranthene (ug/kg)	1,000	**B9 (6.5)**	Unrestricted
Chrysene (ug/kg)	2,800	**B9(6.5)**	Unrestricted, Impacts to Groundwater
dibenz(a,h) anthracene (ug/kg)	750	**B9(6.5)**, B10(7)	Unrestricted, Restricted Residential, Restricted Commercial
indeno(1,2,3-cd)pyrene (ug/kg)	2,600	B1(12), B7(7), B8(7), **B9(6.5)**, B10(7)	Unrestricted, Restricted Residential
4,4'-DDD (ug/kg)	3.5	**B9 (6.5)**	Unrestricted
4,4'-DDE (ug/kg)	6	**B9 (6.5)**	Unrestricted
4,4'-DDT (ug/kg)	4.9	**B4(9.5)**	Unrestricted
Aroclor 1254 (ug/kg)	160	**B9(6.5)**	Unrestricted
Arsenic (mg/kg)	33.7	**B8(7)**	Unrestricted, Restricted Residential, Restricted Commercial, Restricted Industrial, Impacts to Groundwater
Barium (mg/kg)	372	**B8(7)**	Unrestricted
Chromium (mg/kg)	76.9	B1(12), **B8(7)**	Unrestricted
Copper (mg/kg)	536	B7(7), **B8(7)**, B9(6.5), B10(7), B18 (7)	Unrestricted, Restricted Residential
Nickel (mg/kg)	33.4	**B8(7)**	Unrestricted
Lead (mg/kg)	1,140	B7(7), B8(7), **B9(6.5)**, B10(7), B16(9), B18(7)	Unrestricted, Restricted Residential, Restricted Commercial, Impacts to Groundwater
Zinc (mg/kg)	409	B7(7), B8(7), **B9(6.5)**, B10(7), B16(9),	Unrestricted
Mercury (mg/kg)	1.3	B8(7), B9 (6.5), **B10 (7)**, B14 (12), B16(9), B18 (7)	Unrestricted, Restricted Residential, Impacts to Groundwater

Notes:

- Boring in bold represents the location with the highest concentration for that particular compound.

Figures



Source: USGS Toplogical Quadrangle (1:24,000), Brooklyn, N.Y. (1967 rev. 1979)

HDR

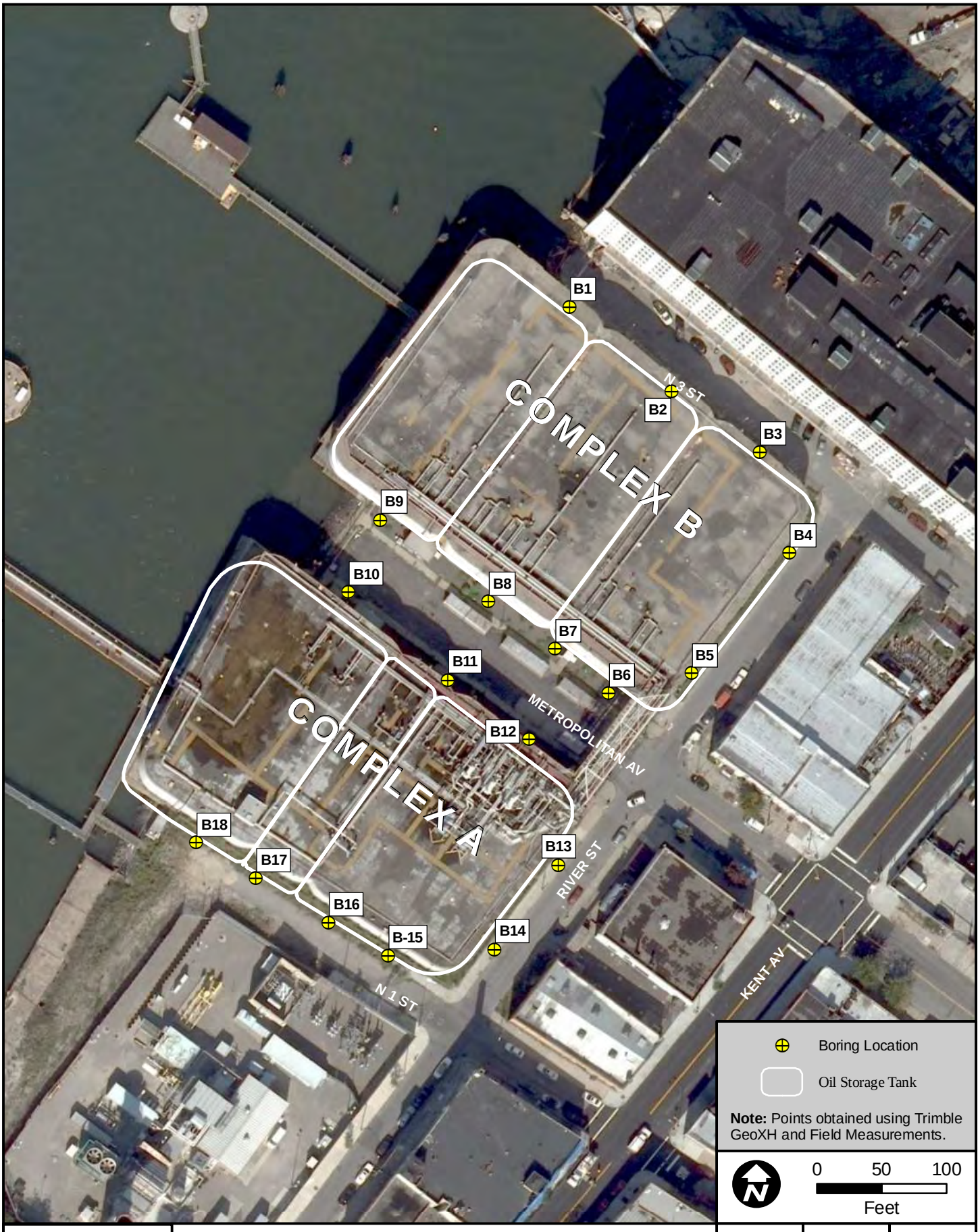
Site Location Map

Consolidated Edison Company of New York, Inc.
North First Street Terminal Site Investigation

Job No.	Date	Figure
141847	9/14/10	1



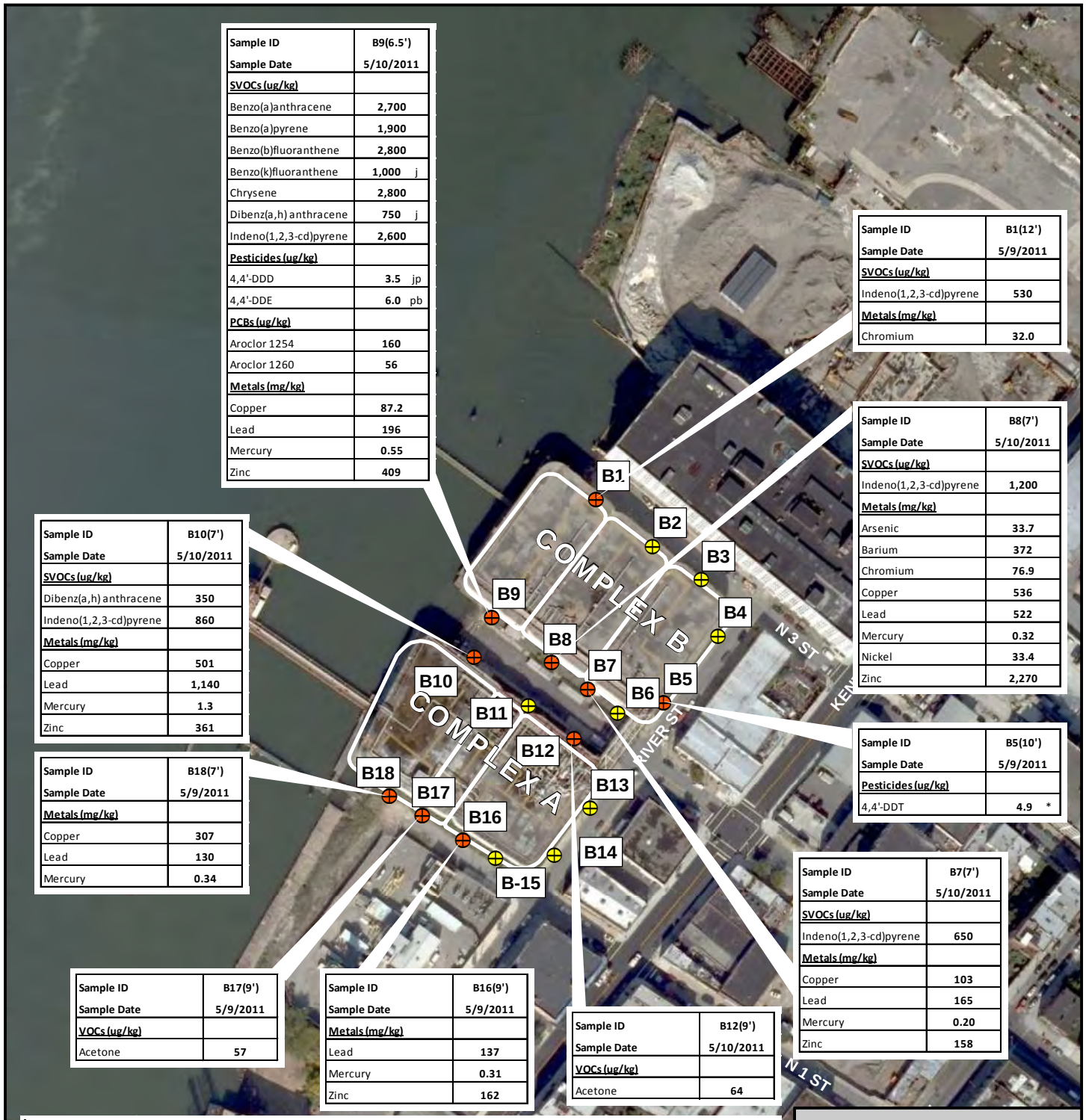
	Site Features	Job No.	Date	Figure
HDR	Consolidated Edison Company of New York, Inc. North First Street Terminal Site Investigation	141847	9/14/10	2



HDR	Soil Boring Locations Consolidated Edison Company of New York, Inc. North First Street Terminal Site Investigation	Job No.	Date	Figure
		141847	5/17/11	3



	Well Locations Consolidated Edison Company of New York, Inc. North First Street Terminal Site Investigation	Job No.	Date	Figure
HDR		141847	6/10/11	4



Sample ID	B9(6.5')
Sample Date	5/10/2011
SVOCs (ug/kg)	
Benzo(a)anthracene	2,700
Benzo(a)pyrene	1,900
Benzo(b)fluoranthene	2,800
Benzo(k)fluoranthene	1,000 j
Chrysene	2,800
Dibenz(a,h) anthracene	750 j
Indeno(1,2,3-cd)pyrene	2,600
Pesticides (ug/kg)	
4,4'-DDD	3.5 jp
4,4'-DDE	6.0 pb
PCBs (ug/kg)	
Aroclor 1254	160
Aroclor 1260	56
Metals (mg/kg)	
Copper	87.2
Lead	196
Mercury	0.55
Zinc	409

Sample ID	B1(12')
Sample Date	5/9/2011
SVOCs (ug/kg)	
Indeno(1,2,3-cd)pyrene	530
Metals (mg/kg)	
Chromium	32.0

Sample ID	B8(7')
Sample Date	5/10/2011
SVOCs (ug/kg)	
Indeno(1,2,3-cd)pyrene	1,200
Metals (mg/kg)	
Arsenic	33.7
Barium	372
Chromium	76.9
Copper	536
Lead	522
Mercury	0.32
Nickel	33.4
Zinc	2,270

Sample ID	B10(7')
Sample Date	5/10/2011
SVOCs (ug/kg)	
Dibenz(a,h) anthracene	350
Indeno(1,2,3-cd)pyrene	860
Metals (mg/kg)	
Copper	501
Lead	1,140
Mercury	1.3
Zinc	361

Sample ID	B5(10')
Sample Date	5/9/2011
Pesticides (ug/kg)	
4,4'-DDT	4.9 *

Sample ID	B18(7')
Sample Date	5/9/2011
Metals (mg/kg)	
Copper	307
Lead	130
Mercury	0.34

Sample ID	B7(7')
Sample Date	5/10/2011
SVOCs (ug/kg)	
Indeno(1,2,3-cd)pyrene	650
Metals (mg/kg)	
Copper	103
Lead	165
Mercury	0.20
Zinc	158

Sample ID	B17(9')
Sample Date	5/9/2011
VOCs (ug/kg)	
Acetone	57

Sample ID	B16(9')
Sample Date	5/9/2011
Metals (mg/kg)	
Lead	137
Mercury	0.31
Zinc	162

Sample ID	B12(9')
Sample Date	5/10/2011
VOCs (ug/kg)	
Acetone	64

COMPOUND	Unrestricted Use SCOs
VOCs (ug/kg)	
Acetone	50
SVOCs (ug/kg)	
Benzo(a)anthracene	1,000
Benzo(a)pyrene	1,000
Benzo(b)fluoranthene	1,000
Benzo(k)fluoranthene	800
Chrysene	1,000
Dibenz(a,h) anthracene	330
Indeno(1,2,3-cd)pyrene	500

COMPOUND	Unrestricted Use SCOs
Pesticides (ug/kg)	
4,4'-DDD	3
4,4'-DDE	3
4,4'-DDT	3.3
Total PCBs (ug/kg)	100
Metals (mg/kg)	
Arsenic	13
Barium	350
Chromium	30
Copper	50

COMPOUND	Unrestricted Use SCOs
Metals continued (mg/kg)	
Lead	63
Mercury	0.18
Nickel	30
Zinc	109

VOC - Volatile Organic Compound
SVOC - Semivolatile Organic Compound
PCB - Polychlorinated Biphenyl
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

j - Indicates an estimated value

b - The analyte was found in an associated blank, as well as in the sample.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

* - Surrogate exceeds the control limit for VOCs

* - RPD of the LCS and LCSD exceeds the control limits for VOCs

* - LCS or LCSD exceeds the control limits for VOCs and SVOCs

Boring With Exceedances

Boring Without Exceedances

Oil Storage Tank

Note: Points obtained using Trimble GeoXH and Field Measurements.

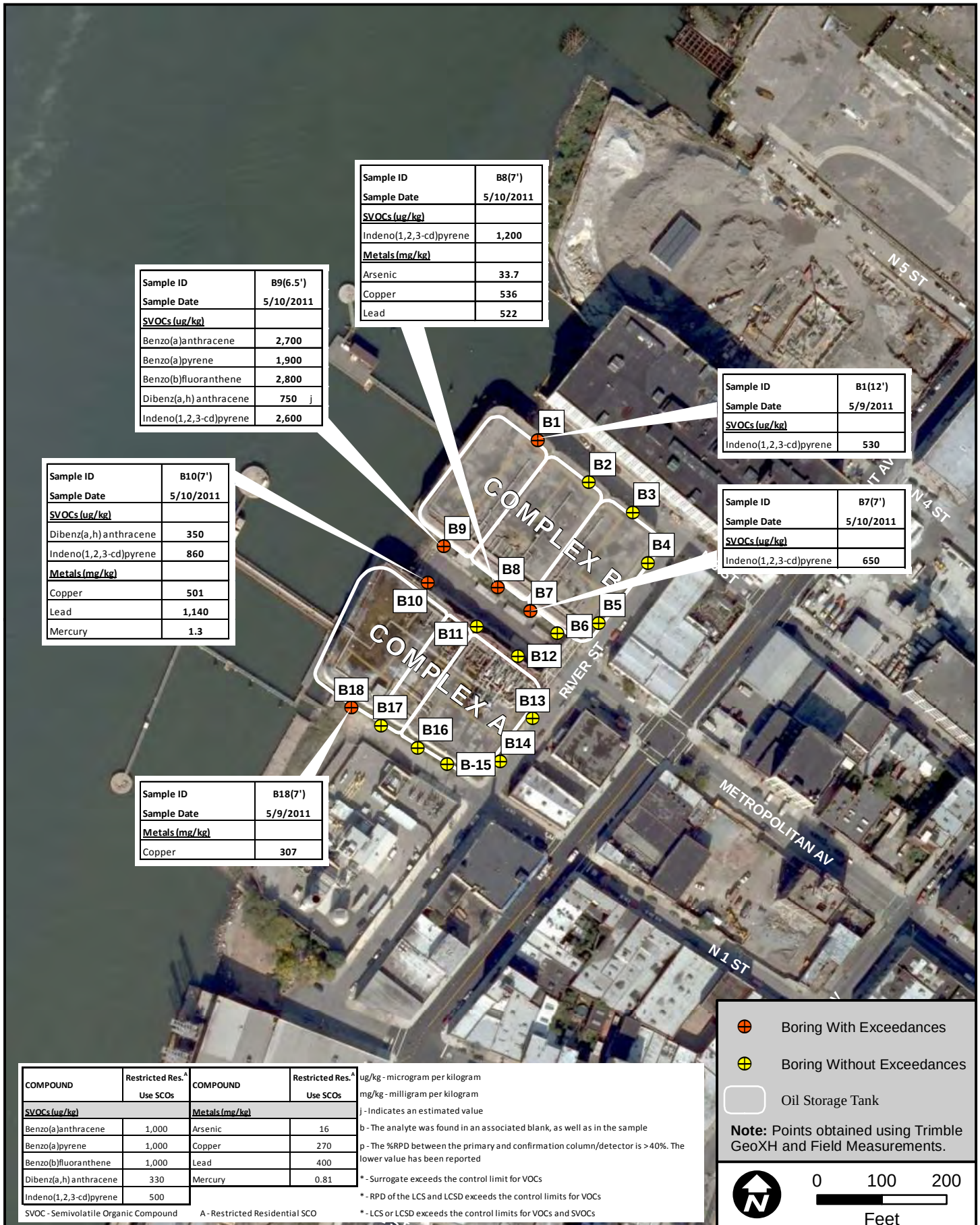
0 100 200
Feet

HDR

Unrestricted Use SCO Exceedances

Consolidated Edison Company of New York, Inc.
North First Street Terminal Site Investigation

Job No.	Date	Figure
141847	6/16/11	5



Sample ID	B8(7')
Sample Date	5/10/2011
SVOCs (ug/kg)	
Indeno(1,2,3-cd)pyrene	1,200
Metals (mg/kg)	
Arsenic	33.7
Copper	536
Lead	522

Sample ID	B9(6.5')
Sample Date	5/10/2011
SVOCs (ug/kg)	
Benzo(a)anthracene	2,700
Benzo(a)pyrene	1,900
Benzo(b)fluoranthene	2,800
Dibenz(a,h) anthracene	750 j
Indeno(1,2,3-cd)pyrene	2,600

Sample ID	B1(12')
Sample Date	5/9/2011
SVOCs (ug/kg)	
Indeno(1,2,3-cd)pyrene	530

Sample ID	B10(7')
Sample Date	5/10/2011
SVOCs (ug/kg)	
Dibenz(a,h) anthracene	350
Indeno(1,2,3-cd)pyrene	860
Metals (mg/kg)	
Copper	501
Lead	1,140
Mercury	1.3

Sample ID	B7(7')
Sample Date	5/10/2011
SVOCs (ug/kg)	
Indeno(1,2,3-cd)pyrene	650

Sample ID	B18(7')
Sample Date	5/9/2011
Metals (mg/kg)	
Copper	307

COMPOUND	Restricted Res.[A] Use SCOs
SVOCs (ug/kg)	
Benzo(a)anthracene	1,000
Benzo(a)pyrene	1,000
Benzo(b)fluoranthene	1,000
Dibenz(a,h) anthracene	330
Indeno(1,2,3-cd)pyrene	500

COMPOUND	Restricted Res.[A] Use SCOs
Metals (mg/kg)	
Arsenic	16
Copper	270
Lead	400
Mercury	0.81

SVOC - Semivolatile Organic Compound

A - Restricted Residential SCO

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

j - Indicates an estimated value

b - The analyte was found in an associated blank, as well as in the sample

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported

* - Surrogate exceeds the control limit for VOCs

* - RPD of the LCS and LCSD exceeds the control limits for VOCs

* - LCS or LCSD exceeds the control limits for VOCs and SVOCs

Boring With Exceedances

Boring Without Exceedances

Oil Storage Tank

Note: Points obtained using Trimble GeoXH and Field Measurements.

0 100 200

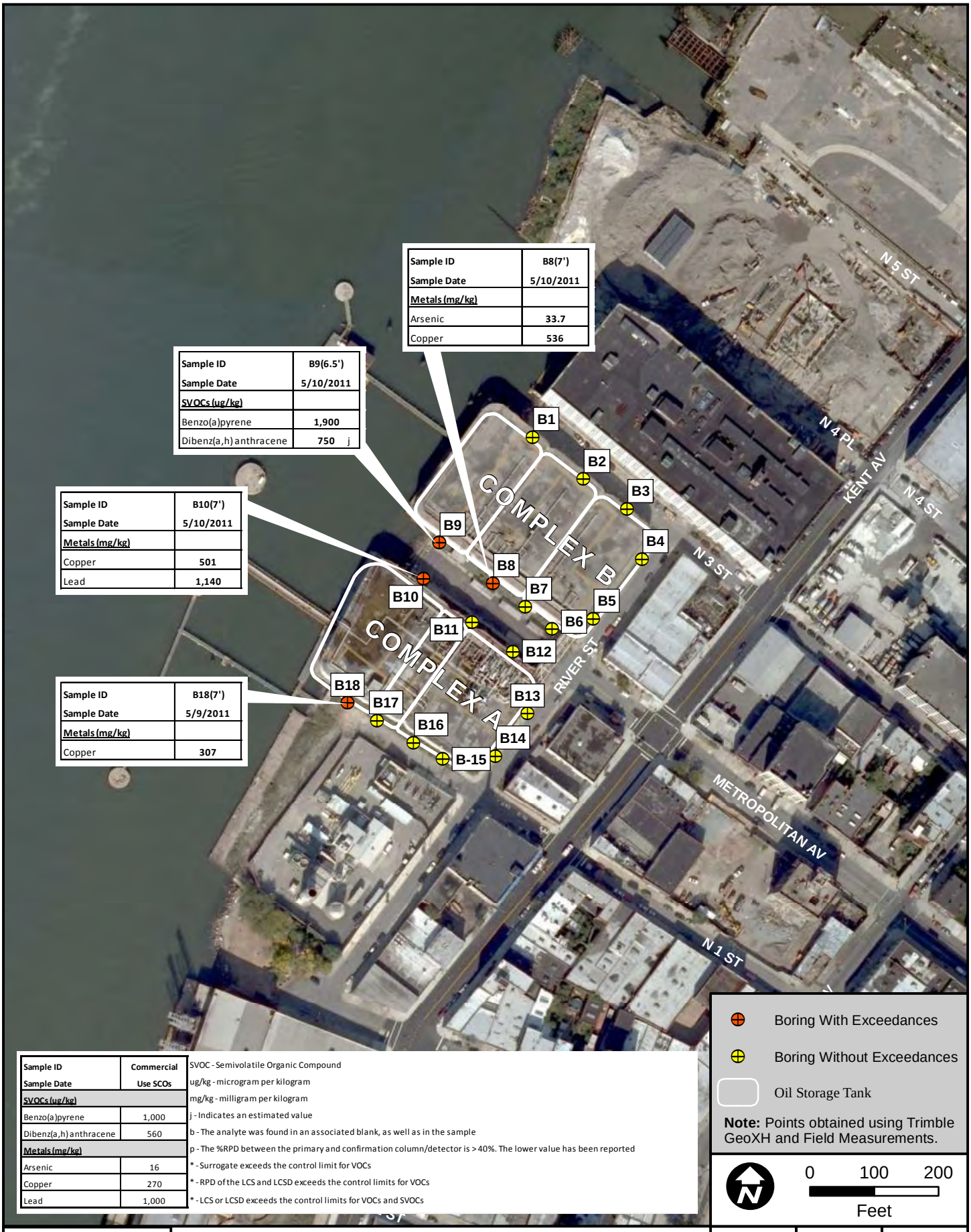
Feet

Restricted Residential Use SCO Exceedances

Consolidated Edison Company of New York, Inc.

North First Street Terminal Site Investigation

Job No.	Date	Figure
141847	6/16/11	6



Sample ID	B8(7')
Sample Date	5/10/2011
Metals (mg/kg)	
Arsenic	33.7
Copper	536

Sample ID	B9(6.5')
Sample Date	5/10/2011
SVOCs (ug/kg)	
Benzo(a)pyrene	1,900
Dibenz(a,h) anthracene	750 j

Sample ID	B10(7')
Sample Date	5/10/2011
Metals (mg/kg)	
Copper	501
Lead	1,140

Sample ID	B18(7')
Sample Date	5/9/2011
Metals (mg/kg)	
Copper	307

Sample ID / Sample Date	Commercial Use SCOs
SVOCs (ug/kg)	
Benzo(a)pyrene	1,000
Dibenz(a,h) anthracene	560
Metals (mg/kg)	
Arsenic	16
Copper	270
Lead	1,000

SVOC - Semivolatile Organic Compound
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram
j - Indicates an estimated value
b - The analyte was found in an associated blank, as well as in the sample
p - The %RPD between the primary and confirmation column/detector is > 40%. The lower value has been reported
* - Surrogate exceeds the control limit for VOCs
* - RPD of the LCS and LCSD exceeds the control limits for VOCs
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs

Boring With Exceedances
Boring Without Exceedances
Oil Storage Tank

Note: Points obtained using Trimble GeoXH and Field Measurements.

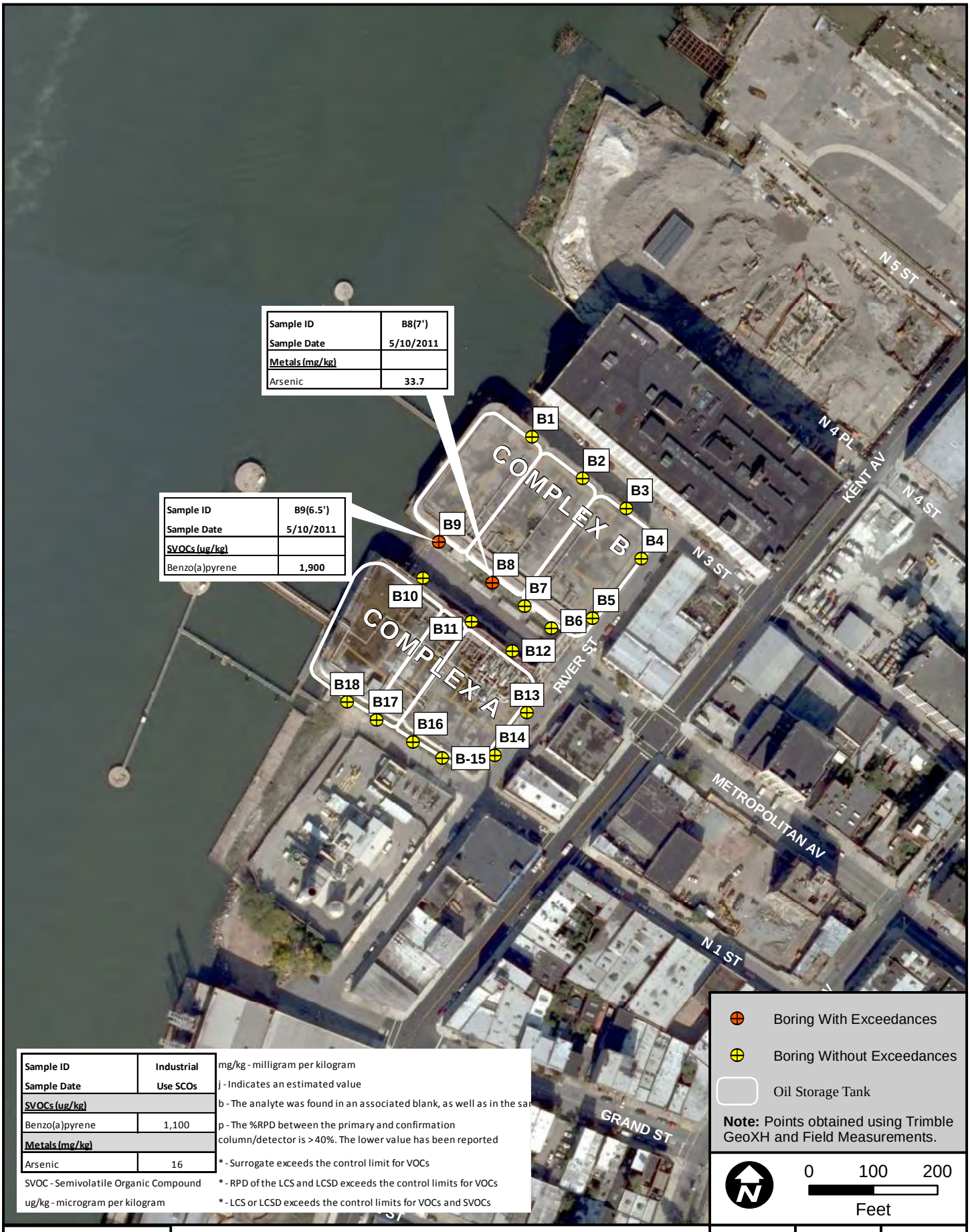
0 100 200
Feet

HDR

Commercial Use SCO Exceedances

Consolidated Edison Company of New York, Inc.
North First Street Terminal Site Investigation

Job No.	Date	Figure
141847	6/16/11	7



Sample ID	Industrial
Sample Date	Use SCOs
SVOCs (ug/kg)	
Benzo(a)pyrene	1,100
Metals (mg/kg)	
Arsenic	16

SVOC - Semivolatile Organic Compound

ug/kg - microgram per kilogram

mg/kg - milligram per kilogram

j - Indicates an estimated value

b - The analyte was found in an associated blank, as well as in the sa

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported

* - Surrogate exceeds the control limit for VOCs

* - RPD of the LCS and LCSD exceeds the control limits for VOCs

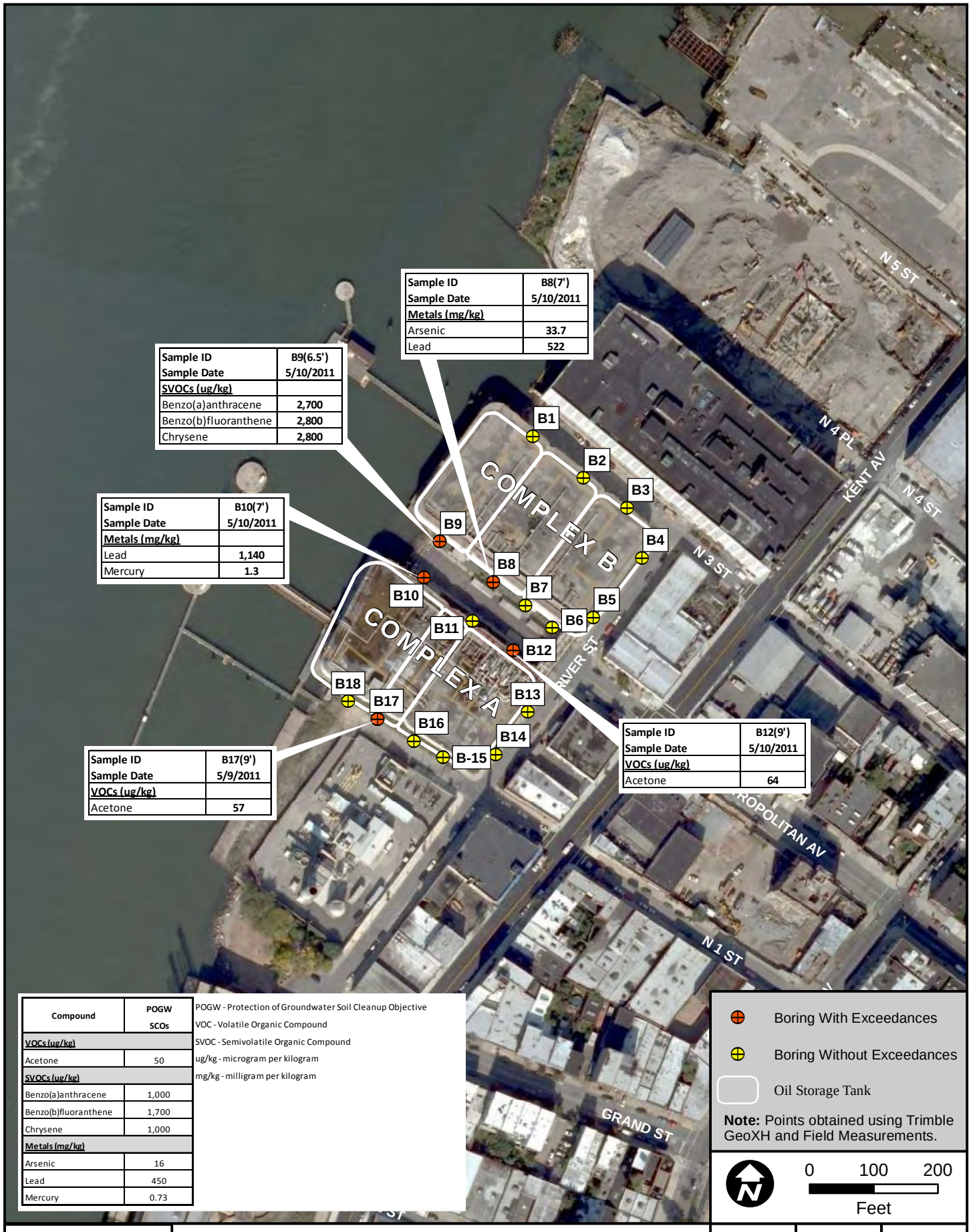
* - LCS or LCSD exceeds the control limits for VOCs and SVOCs

HDR

Industrial Use SCO Exceedances

Consolidated Edison Company of New York, Inc.
North First Street Terminal Site Investigation

Job No.	Date	Figure
141847	6/16/11	8



Sample ID	B8(7')
Sample Date	5/10/2011
Metals (mg/kg)	
Arsenic	33.7
Lead	522

Sample ID	B9(6.5')
Sample Date	5/10/2011
SVOCs (ug/kg)	
Benzo(a)anthracene	2,700
Benzo(b)fluoranthene	2,800
Chrysene	2,800

Sample ID	B10(7')
Sample Date	5/10/2011
Metals (mg/kg)	
Lead	1,140
Mercury	1.3

Sample ID	B12(9')
Sample Date	5/10/2011
VOCs (ug/kg)	
Acetone	64

Sample ID	B17(9')
Sample Date	5/9/2011
VOCs (ug/kg)	
Acetone	57

Compound	POGW SCOs
VOCs (ug/kg)	
Acetone	50
SVOCs (ug/kg)	
Benzo(a)anthracene	1,000
Benzo(b)fluoranthene	1,700
Chrysene	1,000
Metals (mg/kg)	
Arsenic	16
Lead	450
Mercury	0.73

POGW - Protection of Groundwater Soil Cleanup Objective
VOC - Volatile Organic Compound
SVOC - Semivolatile Organic Compound
ug/kg - microgram per kilogram
mg/kg - milligram per kilogram

Boring With Exceedances
Boring Without Exceedances
Oil Storage Tank

Note: Points obtained using Trimble GeoXH and Field Measurements.

0 100 200
Feet

HDR

Protection of Groundwater SCO Exceedances

Consolidated Edison Company of New York, Inc.
North First Street Terminal Site Investigation

Job No.	Date	Figure
141847	6/16/11	9

Appendix A – NYSDEC Approval Letter

New York State Department of Environmental Conservation
Division of Environmental Remediation
Region 2 Office
47-40 21st Street, Long Island City, NY 11101
Phone: (718) 482-6455 • **Fax:** (718) 482-6390
E-Mail: lxzielin@gw.dec.state.ny.us • **Website:** www.dec.ny.gov

Joe Martens
Commissioner

April 19, 2011

By e-mail and regular mail

Phillip Thompson - Senior Scientist
Environmental Health and Safety
Consolidated Edison Company
4 Irving Plaza
New York, NY 10003

Re: Site Investigation Work Plan
North 1st Street Fuel Oil Terminal
Brooklyn, NY
MOSF License No. 2-1480

Dear Mr. Thompson:

The New York State Department of Environmental Conservation (the "Department") has reviewed the March 2011 Site Investigation Work Plan by Henningson, Durham & Richardson Architecture and Engineering, P.C. ("Work Plan") The Work Plan has been submitted to satisfy the License No. 2-1480 Special Condition 4a requirement concerning a site assessment proposal prior to facility's permanent closure.

The Department approves the Work Plan modified as follows:

- Soil sample analytical results for VOCs and SVOCs, obtained during investigation, must be compared with Table 375-6.8(a): *Unrestricted Use Soil Cleanup Objectives.* Groundwater sample analytical results for VOCs and SVOCs must be compared with TOGS 1.1.1, for the protection of drinking water (GA Class).The Department does not require analyses for heavy metals, pesticides, and PCBs for this site assessment.

- Additional borings may be required after the removal of aboveground storage tanks upon review of investigation results.

Please proceed accordingly to a conceptual schedule presented in Table 1 of the Work Plan.

Very truly yours,

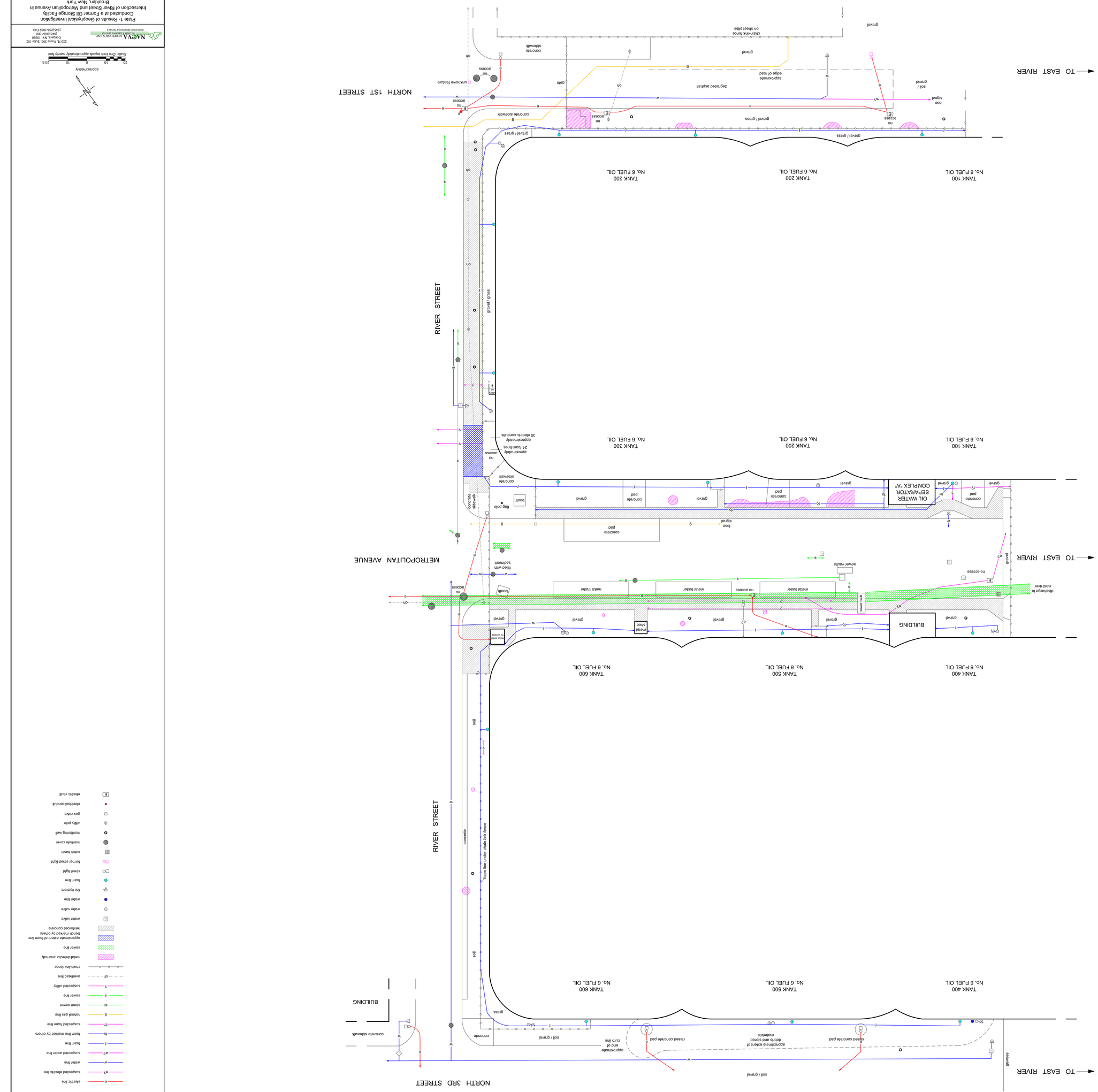
Leszek Zielinski

Leszek Zielinski
Environmental Engineer
Division of Environmental Remediation

Cc: Ioana Munteanu, NYSDEC; Jane O'Connell, NYSDEC; David Rubin, Con-Edison; file

INTERNATIONAL YEAR OF FORESTS · 2011

Appendix B – NAEVA Utility Markout Map



Client	HDR, Inc.	Users of Work	March 17-18, 2011
Project No.	C110317H	Map By	Frank J. Annoreana

ALL UNDERGROUND FACILITIES MAY NOT BE DEPICTED ON THIS MAP

Plate 1- Results of Geophysical Investigation
Conducted at a Former Oil Storage Facility
Intersection of River Street and Metropolitan Avenue in
Brooklyn, New York

NAEVA
GEOPHYSICS, INC.
Electromagnetic and Seismic Surveys
225 E. Main St. Suite 102
Owego, NY. 13827
(845)358-1900
(fax)358-1902

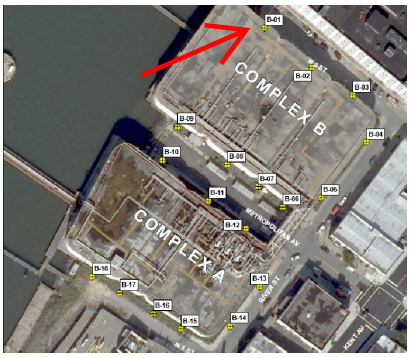
approximately
Scale: One inch equals approximately twenty feet
20 ft 10 0 10 20 ft

Appendix C – Boring Logs

HDR | ONE COMPANY *Many Solutions*

Environmental Boring Log
Boring ID: **B1**

Location : North of Tank 400



Project Name: North 1st Street Tank Farm		**Northing:** 201194.571
Project No.: 141847		**Easting:** 993853.067
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/3/11	**Date Completed:** 5/9/11	**Drop (in):** NA
Depth to Water (ft): 12	**Total Depth (ft):** 15	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-2	Brown SAND and silt, some brick, gravel, concrete (fill)		0		NA		NA	0		Soft Dig to 5 ft BGS
	2-5	Light brown SAND and silt little gravel and brick		5							
5-10	5-10	Black fine SAND and silt				NA		1.5	0		Moist
10-15	10-11	Brown find SAND and silt		10							
	11-13	Black Silt and sand	▽					3.2	0		Wet at 12 ft. Sample collected at 12 ft for VOCs, SVOCs and Metals
	13-15	Brown fine SAND and silt, trace peat		15							
		EOB 15 Feet BGS		20							
				25							
				30							

HDR
1 Blue Hill Plaza
Pearl River, NY 10965
(845) 735-8300

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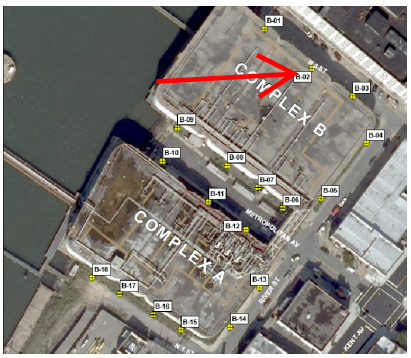
Environmental Boring Log
Boring ID: **B2**

Location : North of Tank 500



Project Name: North 1st Street Tank Farm		**Northing:** 201126.404
Project No.: 141847		**Easting:** 993940.452
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/3/11	**Date Completed:** 5/9/11	**Drop (in):** NA
Depth to Water (ft): 7	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-2	Brown fine to medium SAND and silt, some brick, concrete, gravel, trace glass, plastic (fill)		0		NA		NA	0		Soft Dig to 5 ft BGS
	2-3	Tan/Brown fine to coarse SAND, some gravel, little brick and concrete (fill)									
	3-5	Brown/orange CLAY and sand, some gravel		5							
5-10	5-6	Quartz gravel, concrete and brick				NA		2.9	0		Wet at 7 ft. Sample collected at 7 ft for VOCs, SVOCs and Metals
	6-10	Dark brown fine SAND and silt	▽	10							
		EOB 10 Feet BGS		15							
				20							
				25							
				30							

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Pearl River, NY 10965
(845) 735-8300

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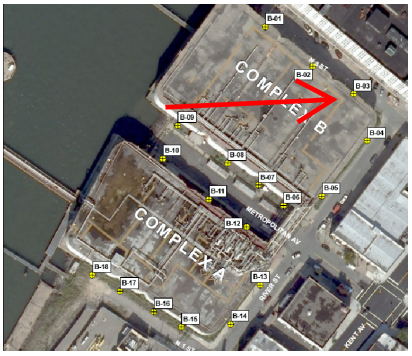
Environmental Boring Log
Boring ID: **B3**

Location : North of Tank 600



Project Name: North 1st Street Tank Farm		**Northing:** 201093.039
Project No.: 141847		**Easting:** 994001.943
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/3/11	**Date Completed:** 5/9/11	**Drop (in):** NA
Depth to Water (ft): 9	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

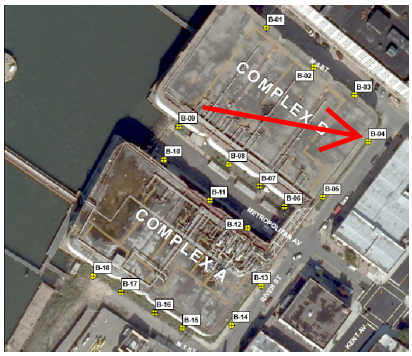
Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-1	Dark brown fine to medium SAND and silt, some brick, concrete and gravel (fill)		0		NA		NA	0		Soft Dig to 5 ft BGS
	1-5	Brown/orange fine to medium SAND and silt, little brick or concrete, some gravel.		5							
5-10	5-10	Brown fine to medium SAND, little silt	▽	10		NA		2.9	0		Water at 9 ft, Sample collected at 9 ft for VOCs, SVOCs, Metals, and Pest/PCBs
		EOB 10 Feet BGS		15							
				20							
				25							
				30							

HDR
1 Blue Hill Plaza
Pearl River, NY 10965
(845) 735-8300

HDR | ONE COMPANY *Many Solutions*

Environmental Boring Log
Boring ID: **B4**

Location : NE corner of Tank 400



Project Name: North 1st Street Tank Farm		**Northing:** 200979.115
Project No.: 141847		**Easting:** 993964.906
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/3/11	**Date Completed:** 5/9/11	**Drop (in):** NA
Depth to Water (ft): 9.5	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-1	0-1	Brown fine to medium SAND, some clay and gravel, concrete and brick at surface (top 1")		0		NA		NA	0		Soft dig to 5 ft bgs
	1-5	Brown/orange fine to medium SAND, and silt, gravel									
5-10	5-10	Light brown fine to medium SAND, little silt and gravel	▽	5		NA		2.4	0.3		Wet at 9.5 ft. Sample collected at 9.5 ft for VOCs, SVOCs and metals
		EOB 10 Feet BGS		10							
				15							
				20							
				25							
				30							

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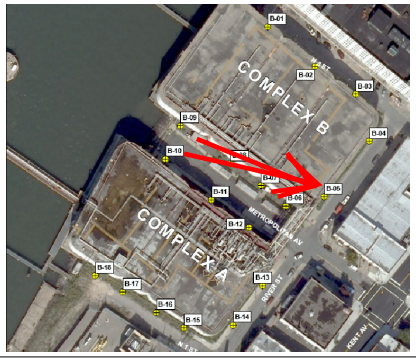
Environmental Boring Log
Boring ID: **B5**

Location : SE corner of Tank 400



Project Name: North 1st Street Tank Farm		**Northing:** 200866.757
Project No.: 141847		**Easting:** 993926.116
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/4/11	**Date Completed:** 5/9/11	**Drop (in):** NA
Depth to Water (ft): 10	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-1 1-5	Brown SAND, some silt and cobbles, little plastic gravel, wood, trace glass, brick and concrete (fill) Orange/brown SAND and silt, trace brick, gravel, and concrete		0 5		NA		NA	0		Soft dig to 5 ft BGS
5-10	5-10	Light brown fine to medium SAND, little silt, gravel	▽	10		NA		2.3	0		Wet at 10. Sample collected at 10 ft for VOCs, SVOCs, Metals, and Pest/PCBs
		EOB 10 Feet BGS		15 20 25 30							

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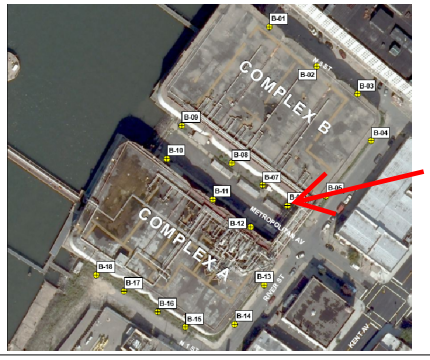
Environmental Boring Log
Boring ID: **B6**

Location : South of Tank 600



Project Name: North 1st Street Tank Farm		**Northing:** 200845.304
Project No.: 141847		**Easting:** 993842.844
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/4/11	**Date Completed:** 5/10/11	**Drop (in):** NA
Depth to Water (ft): 8	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-0.2 0.2-5	Gravel bed Light brown SILT and sand some cobbles, little gravel, concrete, asphalt, trace brick		0		NA		NA	0		Soft dig to 5 ft BGS
5-10	5-10	Brown fine to medium SAND and silt, increasing silt with depth, little gravel, trace brick	▽	5		NA		1.6	0		Wet at 8 ft. Sample collectd at 8 ft for VOCs, SVOCs and Metals
		EOB 10 Feet BGS		10							
				15							
				20							
				25							
				30							

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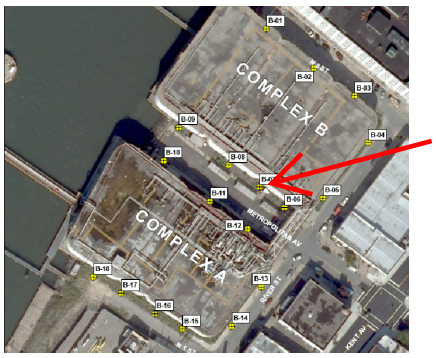
Environmental Boring Log
Boring ID: **B7**

Location : South of Tank 600



Project Name: North 1st Street Tank Farm		**Northing:** 200817.078
Project No.: 141847		**Easting:** 993767.257
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/5/11	**Date Completed:** 5/10/11	**Drop (in):** NA
Depth to Water (ft): 7	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-0.2	Gravel (1")		0		NA		NA	0		Soft dig to 5 ft BGS
	0.2-1	Dark Brown fine to medium SAND, some silt, large concrete cobble, little brick and asphalt									Bony at 5 feet
	1-5	Brown/orange fine to medium SAND and silt. large asphalt piece at 1.2, some cobbles and gravel		5							
5-10	5-8	Brown fine to medium SAND and silt little gravel	▽			NA		3.2	0		Wet at 7 ft. Sample collected at 7 ft for VOCs, SVOCs and Metals
	8-10	Brown SILT little fine sand		10							Stiff
		EOB 10 Feet BGS		15							
				20							
				25							
				30							

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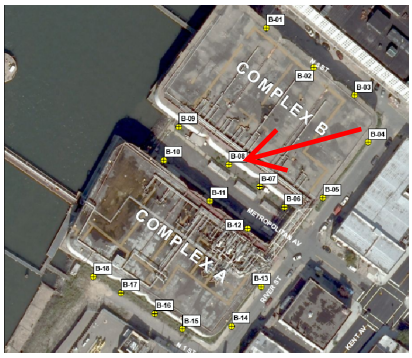
Environmental Boring Log
Boring ID: **B8**

Location : South of Tank 500



Project Name: North 1st Street Tank Farm		**Northing:** 200924.207
Project No.: 141847		**Easting:** 993770.771
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/4/11	**Date Completed:** 5/10/11	**Drop (in):** NA
Depth to Water (ft): 7	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-0.3	Gravel (1")		0		NA		NA	0		Soft dig to 5 ft bgs
	0.3 - 5	Brown SAND and silt some brick and cobbles little asphalt, trace concrete (fill)									
5-10	5-7	Brown f-m SAND, little silt, gravel, brick		5		NA		2.4	0		Wet at 7 ft. Sample collected at 7 ft for VOCs, SVOCs and Metals
	7-8	Brown f SAND and silt	▽						0		
	8-10	Black SILT, some fine sand and wood chips							0		
		EOB 10 Feet BGS		10							
				15							
				20							
				25							
				30							

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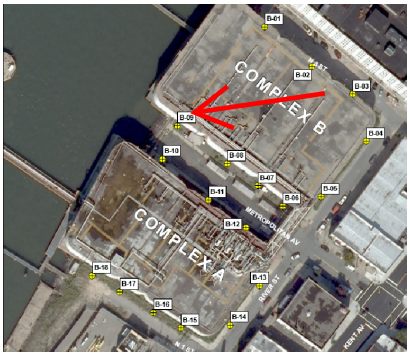
Environmental Boring Log
Boring ID: **B9**

Location : South of Tank 400



Project Name: North 1st Street Tank Farm		**Northing:** 200984.878
Project No.: 141847		**Easting:** 993686.163
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/4/11	**Date Completed:** 5/10/11	**Drop (in):** NA
Depth to Water (ft): 6.5	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-0.5	Gravel (1")		0		NA		NA	0		Soft dig to 5 ft bgs
	0.5-5	Brown SAND and silt, some brick, little concrete									
5-10	5-6	Brown fine to medium SAND, some silt, little gravel, and brick, trace concrete	▽	5		NA		2.3	0		Wet at 6.5 ft. Sample collected at 6.5 ft for VOCs, SVOCs. Metals, and Pest/PCBs
	6-10	WOOD some fine black sand and silt							0		
				10							
		EOB 10 Feet BGS		15							
				20							
				25							
				30							

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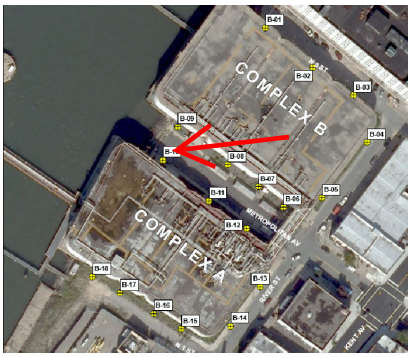
Environmental Boring Log
Boring ID: **B10**

Location : North of Tank 100



Project Name: North 1st Street Tank Farm		**Northing:** 200922.785
Project No.: 141847		**Easting:** 993656.923
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/4/11	**Date Completed:** 5/10/11	**Drop (in):** NA
Depth to Water (ft): 7	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-0.5	Gravel (1")		0		NA		NA	0		Soft Dig to 5 ft BGS
	0.5 - 5	Black fine to medium SAND, some silt and brick, asphalt, little concrete, gravel							0		
5-10	5-7	Dark brown fine SAND, little silt, gravel, brick, concrete, asphalt		5		NA		2.7	0		Wet at 7 ft. Sample collected at 7 ft for VOCs, SVOCs and Metals
	7-9.8	Brown/tan fine to medium SAND and silt, little gravel	▽						0		
	9.8-10	Brick		10							
		EOB 10 Feet BGS		15							
				20							
				25							
				30							

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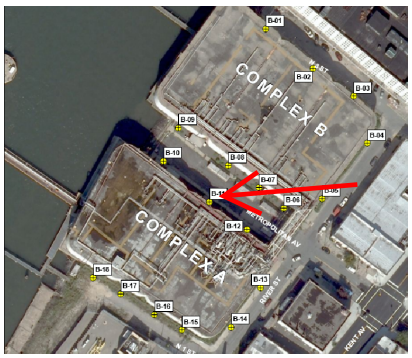
Environmental Boring Log
Boring ID: **B11**

Location : North of Tank 200



Project Name: North 1st Street Tank Farm		**Northing:** 200860.527
Project No.: 141847		**Easting:** 993738.261
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/5/11	**Date Completed:** 5/10/11	**Drop (in):** NA
Depth to Water (ft): 9	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-0.2	GRAVEL (1")		0		NA		NA	0		Soft dig to 5 ft BGS
	0.2-1	Dark brown SAND and silt some gravel, little brick, concrete, trace asphalt									
	1-2	Light Brown/orange SAND and silt, some gravel									
	2-5	Dark brown SAND and silt some gravel and cobbles, trace brick and concrete		5							
5-10	5-10	Brown fine to medium SAND little silt, gravel, brick	▽			NA			0		Wet at 9 feet bgs, Sample at 9 ft for VOCS, SVOCs, Metals, and Pest/PCBs
		EOB 10 Feet BGS		10							
				15							
				20							
				25							
				30							

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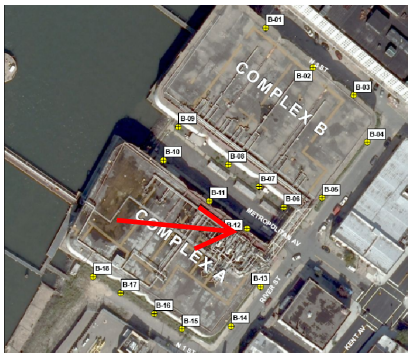
Environmental Boring Log
Boring ID: **B12**

Location : North of Tank 300



Project Name: North 1st Street Tank Farm		**Northing:** 200818.297
Project No.: 141847		**Easting:** 993801.398
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/5/11	**Date Completed:** 5/10/11	**Drop (in):** NA
Depth to Water (ft): 9	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-0.2	GRAVEL (1")		0		NA		NA	0		Soft dig to 5 ft bgs
	0.2-2	Dark brown fine to medium SAND and silt, wood chips, trace brick concrete, asphalt and slag									
	2-5	Tan/Grey fine to medium SAND, some silt and cobbles		5							
5-10	5-7.5	Brown/grey SILT and fine sand, some cobbles, brick, little gravel				NA		2.9	0.3		Wet at 9 ft. Sample collected at 9 ft for VOCs, SVOCs and Metals
	7.5-8.5	Brown fine to medium SAND, little gravel									
	8.5-10	SILT some fine sand	▽	10							
		EOB 10 Feet BGS		15							
				20							
				25							
				30							

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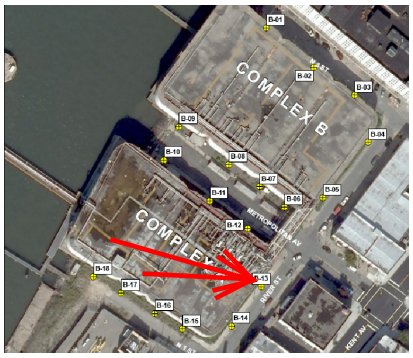
Environmental Boring Log
Boring ID: **B13**

Location : NE of Tank 300



Project Name: North 1st Street Tank Farm		**Northing:** 200720.935
Project No.: 141847		**Easting:** 993826.788
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/5/11	**Date Completed:** 5/9/11	**Drop (in):** NA
Depth to Water (ft): 10	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-0.3 0.3-.5 0.5-5	CONCRETE (Sidewalk) GRAVEL (bedding - 1") Dark brown f-m SAND and silt, some brick and gravel, little concrete		0 5		NA		NA	0		Soft dig to 5 ft bgs
5-10	5-10	Dark brown fine SAND and silt, little cobble, Refusal at 10'	▽	10		NA		2.9	0		Wet at 8 ft. Sample collected at 10 for VOCs, SVOCs and Metals
		EOB 10 Feet BGS		15 20 25 30							

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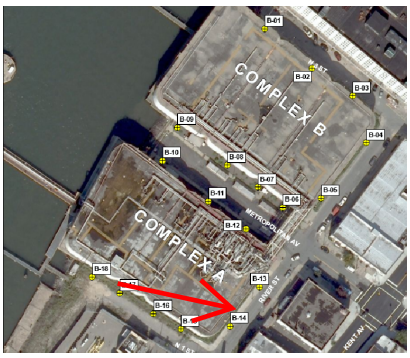
Environmental Boring Log
Boring ID: **B14**

Location : SE of Tank 300



Project Name: North 1st Street Tank Farm		**Northing:** 200655.382
Project No.: 141847		**Easting:** 993777.935
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/5/11	**Date Completed:** 5/9/11	**Drop (in):** NA
Depth to Water (ft): 12	**Total Depth (ft):** 15	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-0.3	CONCRETE		0		NA		NA	0		Soft Dig to 5 ft bgs
	0.3-0.5	GRAVEL (1")									
	0.5 - 1.5	Dark brown fine to medium SAND and silt, little gravel, brick.									
	1.5 - 5	concrete, trace asphalt									
		Brown/orange fine to medium SAND, little gravel		5							
5-10	5-10	Brown fine SAND and silt, little cobbles				NA		3.9	1.9		Dry, Highest PID at 5 ft interval
10-15	10-12	Dark brown SAND, some silt, little gravel		10		NA		4.1			Wet at 12 ft. Sample collected at 12 ft for VOCs, SVOCs, Metals and PEST/PCBs
	12-13	Brown fine to medium SAND, some silt	▽								
	13-15	SILT and fine sand							7.8		
		EOB 15 Feet BGS		15							
				20							
				25							
				30							

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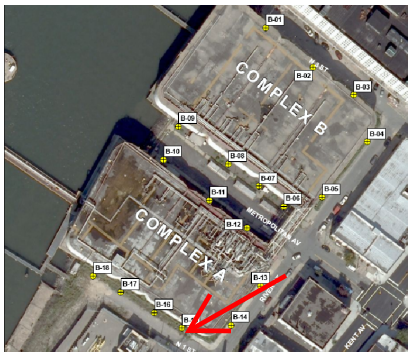
Environmental Boring Log
Boring ID: **B15**

Location : South of Tank 300



Project Name: North 1st Street Tank Farm	**Northing:** 200647.369
Project No.: 141847	**Easting:** 993692.083
Project Location: North 1st Street, Williamsburg, NY	**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York	**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA	**Drilling Method:** Direct Push
Inspector: MVP	**Boring Diameter (in):** 2
Driller: ADT	**Hammer (lbs):** NA
Date Started: 5/6/11 / **Date Completed:** 5/9/11	**Drop (in):** NA
Depth to Water (ft): 9 / **Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae	**Sampler Diameter (in):** 2
Meter No.: 4526 / **Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-2	Dark brown Fine to medium SANDS and silt, some brick and gravel, little concrete		0		NA		NA	0		Soft dig to 5 ft bgs
	2-5	Brown/orange fine to medium SAND, some silt, little brick, trace concrete		5							
5-10	5-10	Brown fine SAND and silt, stiff, little gravel	▽	10		NA		3.2	0		Wet at 9 ft, Sample collected at 9 ft for VOCS, SVOCs and Metals
		EOB 10 Feet BGS		15							
				20							
				25							
				30							

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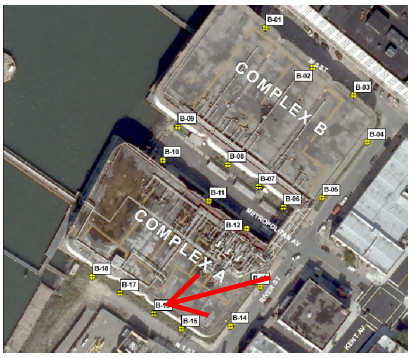
Environmental Boring Log
Boring ID: **B16**

Location : South of Tank 300



Project Name: North 1st Street Tank Farm		**Northing:** 200674.022
Project No.: 141847		**Easting:** 993651.212
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/6/11	**Date Completed:** 5/9/11	**Drop (in):** NA
Depth to Water (ft): 9.5	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-1 1-2 2-3.5	Brown fine to medium SAND some silt, gravel, brick, concrete, asphalt Black SAND, little silt and asphalt Orange/brown fine to medium SAND, some brick, little concrete		0 5		NA		NA	0		Soft dig to 5 ft bgs
5-10	5-10	Brown fine to medium SAND, some silt, little gravel, stiff. Black banding at 8.5 - 9 ft	▽	10		NA		1.6	0		Wet at 9.5 Sample collected at 9.5 ft for VOCs, SVOCs and Metals
		EOB 10 Feet BGS		15 20 25 30							

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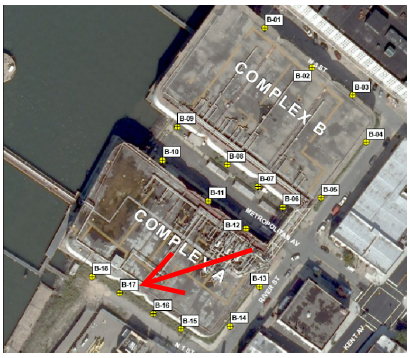
Environmental Boring Log
Boring ID: **B17**

Location : South of Tank 200



Project Name: North 1st Street Tank Farm		**Northing:** 200708.752
Project No.: 141847		**Easting:** 993601.102
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/6/11	**Date Completed:** 5/9/11	**Drop (in):** NA
Depth to Water (ft): 9	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	0-3	Orange/brown fine to medium SAND and silt, some gravel and cobbles, little pieces of metal, brick, trace concrete		0		NA		NA	0		Soft dig to 5 ft BGS
	3-5	Black fine to medium SAND and cobbles, some silt, gravel, asphalt, little brick, concrete, trace glass		5							
5-10	5-7	Brown fine to medium SAND some silt, little gravel				NA		2.8	0		Wet at 7 ft, Sample at 7 for VOCs. SVOCs, Metals and Pest/PCBs
	7 - 7.5	Grey/black fine SAND and silt							0		Slight petro odor
	7.5 - 9	Brown fine SAND and silt, little coarse sand	▽								no reading on PID
	9-10	Brown medium SAND		10							
		EOB 10 Feet BGS		15							
				20							
				25							
				30							

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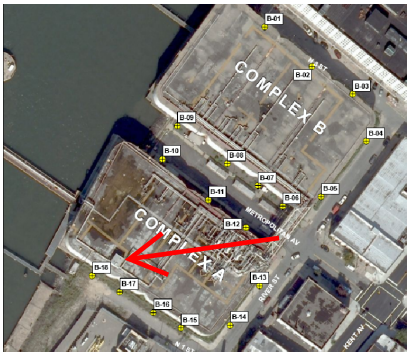
Environmental Boring Log
Boring ID: **B18**

Location : South of Tank 100



Project Name: North 1st Street Tank Farm		**Northing:** 200737.03
Project No.: 141847		**Easting:** 993548.849
Project Location: North 1st Street, Williamsburg, NY		**Elevation (Ft) :** NA
Client Name: Consolidated Edison of New York		**Drilling Equipment:** Geoprobe 6620
Work Order/Client No.: NA		**Drilling Method:** Direct Push
Inspector: MVP		**Boring Diameter (in):** 2
Driller: ADT		**Hammer (lbs):** NA
Date Started: 5/6/11	**Date Completed:** 5/9/1	**Drop (in):** NA
Depth to Water (ft): 7	**Total Depth (ft):** 10	**Sampler:** Acetate Liner
Meter Manuf./Model: MiniRae		**Sampler Diameter (in):** 2
Meter No.: 4526	**Lamp eV:** 10.6	**Sampler Length (ft):** 5

Sample Interval (Ft)	lithology Interval (Ft)	Description	Groundwater	Depth (ft)	Graphic Log	Blow Counts	Driven (ft)	Recovery (ft)	PID Reading (ppm)	Sample Interval(s)	Remarks
0-5	1-4	Orange/brown fine to medium SAND, some gravel, little silt pieces of metal, brick, trace concrete		0		NA		NA	0		Soft dig to 5 ft BGS
	4-5	Dark brown SAND and silt, trace brick and gravel		5							moist
5-10	5-7	Brown fine to medium SAND and silt, little gravel				NA		3.4	0		Wet at 7 ft. Sample collected at 7 for VOCs, SVOCs and Metals
	7-10	Grey SILT and fine sand	▽	10							Stiff
		EOB 10 Feet BGS		15							
				20							
				25							
				30							

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Appendix D – Historic Groundwater Summary Tables

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-1								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	Not Sampled - To be			ND
Benzene	0.7	ND	ND	ND	ND	ND	sampled annually			ND
Toluene	5	ND	ND	ND	ND	ND	concurrent with the			ND
Ethylbenzene	5	ND	ND	ND	ND	ND	Con Edison MOSF			ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	Sampling as per			ND
Naphthalene	10	ND	ND	ND	ND	ND	NYSDEC			ND
2-Butanone	5	ND	ND	ND	**39**	ND				ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND				ND
Chloroform	7	ND	ND	ND	ND	ND				ND
Chlorobenzene	5	ND	ND	ND	ND	ND				ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND				ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*				ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*				ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND				ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND				ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND				ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND				ND
Diethyl Ether	--	ND	ND	ND	ND	ND				ND
Isopropylbenzene	5	ND	ND	ND	ND	ND				ND
n-propylbenzene	5	ND	ND	ND	ND	ND				ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND				ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND				ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND
Tetrachloroethene	5	ND	ND	ND	ND	ND				ND
Trichloroethene	5	ND	ND	ND	ND	ND				ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND				ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND				ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND				ND
Methylene Chloride	5	ND	ND	ND	ND	ND				ND
Vinyl Chloride	2	ND	ND	ND	ND	ND				ND
Tetrahydrofuran	50	NA*	NA*	NA*	24	ND				ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*				ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-2								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	Not Sampled - To be			ND
Benzene	0.7	ND	ND	ND	ND	ND	sampled annually			ND
Toluene	5	ND	ND	ND	ND	ND	concurrent with the			ND
Ethylbenzene	5	ND	ND	ND	ND	ND	Con Edison MOSF			ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	Sampling as per			ND
Naphthalene	10	ND	ND	ND	ND	ND	NYSDEC			ND
2-Butanone	5	ND	ND	ND	**33**	ND				ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND				ND
Chloroform	7	ND	ND	ND	ND	ND				ND
Chlorobenzene	5	ND	ND	ND	ND	ND				ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND				ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*				ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*				ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND				ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND				ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND				ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND				ND
Diethyl Ether	--	ND	ND	ND	ND	ND				ND
Isopropylbenzene	5	ND	ND	ND	ND	ND				ND
n-propylbenzene	5	ND	ND	ND	ND	ND				ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND				ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND				ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND				ND
Tetrachloroethene	5	ND	ND	ND	ND	ND				ND
Trichloroethene	5	ND	ND	ND	ND	ND				ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND				ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND				ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND				ND
Methylene Chloride	5	ND	ND	ND	ND	ND				ND
Vinyl Chloride	2	ND	ND	ND	ND	ND				ND
Tetrahydrofuran	50	NA*	NA*	NA*	20	ND				ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*				ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-3								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	NS	NS	NS	ND	Not Sampled - To be			ND
Benzene	0.7	ND	NS	NS	NS	ND	sampled annually			ND
Toluene	5	ND	NS	NS	NS	ND	concurrent with the			ND
Ethylbenzene	5	ND	NS	NS	NS	ND	Con Edison MOSF			ND
Xylenes (Total)	5	ND	NS	NS	NS	ND	Sampling as per			ND
Naphthalene	10	ND	NS	NS	NS	ND	NYSDEC			ND
2-Butanone	5	ND	NS	NS	NS	ND				ND
Carbon Tetrachloride	5	ND	NS	NS	NS	ND				ND
Chloroform	7	ND	NS	NS	NS	ND				ND
Chlorobenzene	5	ND	NS	NS	NS	ND				ND
cis-1,2-Dichloroethene	5	ND	NS	NS	NS	ND				ND
trans-1,2-Dichloroethene	5	NA*	NS	NS	NS	NA*				ND
1,2-Dichloroethane	0.6	NA*	NS	NS	NS	NA*				ND
1,1-Dichloroethene	5	ND	NS	NS	NS	ND				ND
1,1-Dichloroethane	5	ND	NS	NS	NS	ND				ND
1,2-Dichloropropane	1	ND	NS	NS	NS	ND				ND
1,2-Dichlorobenzene	3	ND	NS	NS	NS	ND				ND
Diethyl Ether	--	ND	NS	NS	NS	ND				ND
Isopropylbenzene	5	ND	NS	NS	NS	ND				ND
n-propylbenzene	5	ND	NS	NS	NS	ND				ND
4-Methyl-2-Pentanone	--	ND	NS	NS	NS	ND				ND
1,2,3-Trichloropropane	0.04	ND	NS	NS	NS	ND				ND
1,2,4-Trimethylbenzene	5	ND	NS	NS	NS	ND				ND
1,3,5-Trimethylbenzene	5	ND	NS	NS	NS	ND				ND
Tetrachloroethene	5	ND	NS	NS	NS	ND				ND
Trichloroethene	5	ND	NS	NS	NS	ND				ND
1,1,1-Trichloroethane	5	ND	NS	NS	NS	ND				ND
Trichlorofluoromethane	5	ND	NS	NS	NS	ND				ND
Methyl Tert-Butyl Ether	10	ND	NS	NS	NS	ND				ND
Methylene Chloride	5	ND	NS	NS	NS	ND				ND
Vinyl Chloride	2	ND	NS	NS	NS	ND				ND
Tetrahydrofuran	50	NA*	NS	NS	NS	ND				**130**
Dichlorodifluoromethane	5	NA*	NS	NS	NS	NA*				ND

* Concentrations are in µg/L

MW-3 was obstructed preventing access for 2nd, 3rd and 4th quarters in 2009

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-4								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	**30**	ND	ND	ND	ND
Ethylbenzene	5	**6.6**	ND	**15**	2.7	4.4	**62**	5	2.7	**150**
Xylenes (Total)	5	**70**	**8.7**	**23**	**10**	**27**	**40**	3.3	**5.5**	**20.3**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	2.7	3.8	2.9	ND
cis-1,2-Dichloroethene	5	2.9	3.6	**6.4**	**6.4**	3.4	**13**	**13**	**10**	**5.6**
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	4.1	**9.2**	**7.2**	4.4
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	**12**	**12**	**18**	**17**	**11**	5	4.7	4	3.7
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	**4.9**	**5.7**	**4.5**	2.4
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	2.7
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	2	2.1	2.6	2.6	ND	**16**	4.8	3.1	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	2.8	2.9	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-5								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	NS	ND	ND	ND	ND	Not Sampled - To be			ND
Benzene	0.7	NS	ND	ND	ND	ND	sampled annually			ND
Toluene	5	NS	ND	ND	ND	ND	concurrent with the			ND
Ethylbenzene	5	NS	ND	ND	ND	ND	Con Edison MOSF			ND
Xylenes (Total)	5	NS	ND	ND	ND	ND	Sampling as per			ND
Naphthalene	10	NS	ND	ND	ND	ND	NYSDEC			ND
2-Butanone	5	NS	ND	ND	ND	ND				ND
Carbon Tetrachloride	5	NS	ND	ND	ND	ND				ND
Chloroform	7	NS	ND	ND	ND	ND				ND
Chlorobenzene	5	NS	ND	ND	ND	ND				ND
cis-1,2-Dichloroethene	5	NS	ND	ND	ND	ND				ND
trans-1,2-Dichloroethene	5	NS	NA	NA	NA*	NA*				ND
1,2-Dichloroethane	0.6	NS	NA	NA	NA*	NA*				ND
1,1-Dichloroethene	5	NS	ND	ND	ND	ND				ND
1,1-Dichloroethane	5	NS	ND	ND	ND	ND				ND
1,2-Dichloropropane	1	NS	ND	ND	ND	ND				ND
1,2-Dichlorobenzene	3	NS	ND	ND	ND	ND				ND
Diethyl Ether	--	NS	ND	ND	ND	ND				ND
Isopropylbenzene	5	NS	ND	ND	ND	ND				ND
n-propylbenzene	5	NS	ND	ND	ND	ND				ND
4-Methyl-2-Pentanone	--	NS	ND	ND	ND	ND				ND
1,2,3-Trichloropropane	0.04	NS	ND	ND	ND	ND				ND
1,2,4-Trimethylbenzene	5	NS	ND	ND	ND	ND				ND
1,3,5-Trimethylbenzene	5	NS	ND	ND	ND	ND				ND
Tetrachloroethene	5	NS	ND	ND	ND	ND				ND
Trichloroethene	5	NS	ND	ND	ND	ND				ND
1,1,1-Trichloroethane	5	NS	ND	ND	ND	ND				ND
Trichlorofluoromethane	5	NS	ND	ND	ND	ND				ND
Methyl Tert-Butyl Ether	10	NS	ND	ND	ND	ND				ND
Methylene Chloride	5	NS	ND	ND	ND	ND				ND
Vinyl Chloride	2	NS	ND	ND	ND	ND				ND
Tetrahydrofuran	50	NS	NA*	NA*	ND	ND				ND
Dichlorodifluoromethane	5	NS	NA*	NA*	NA*	NA*				ND

* Concentrations are in µg/L
See last page for notes.

MW-5 was obstructed by a vehicle preventing access for the 1st quarter in 2009

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-6								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
Benzene	0.7	NR	NR	NR	NR	NR	**2.6**	ND	ND	ND
Toluene	5	NR	NR	NR	NR	NR	**77**	**100**	ND	**1,000**
Ethylbenzene	5	NR	NR	NR	NR	NR	**32**	**7.9**	ND	**43**
Xylenes (Total)	5	NR	NR	NR	NR	NR	**22.4**	**41.7**	ND	**167**
Naphthalene	10	NR	NR	NR	NR	NR	ND	ND	ND	ND
2-Butanone	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
Carbon Tetrachloride	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
Chloroform	7	NR	NR	NR	NR	NR	ND	ND	ND	ND
Chlorobenzene	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NR	NR	NR	NR	NR	ND	ND	ND	ND
1,1-Dichloroethene	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
1,1-Dichloroethane	5	NR	NR	NR	NR	NR	**6.6**	**17**	**16**	**12**
1,2-Dichloropropane	1	NR	NR	NR	NR	NR	ND	ND	ND	ND
1,2-Dichlorobenzene	3	NR	NR	NR	NR	NR	ND	ND	ND	ND
Diethyl Ether	--	NR	NR	NR	NR	NR	ND	ND	ND	ND
Isopropylbenzene	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
n-propylbenzene	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	NR	NR	NR	NR	NR	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	NR	NR	NR	NR	NR	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
Tetrachloroethene	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
Trichloroethene	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
1,1,1-Trichloroethane	5	NR	NR	NR	NR	NR	ND	**10**	4.9	2.5
Trichlorofluoromethane	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	NR	NR	NR	NR	NR	2	ND	ND	ND
Methylene Chloride	5	NR	NR	NR	NR	NR	ND	ND	ND	ND
Vinyl Chloride	2	NR	NR	NR	NR	NR	ND	ND	ND	ND
Tetrahydrofuran	50	NR	NR	NR	NR	NR	ND	ND	ND	ND
Dichlorodifluoromethane	5	NR	NR	NR	NR	NR	ND	ND	ND	ND

* Concentrations are in µg/L

MW-6 was not reported in data tables by LBG until 2nd quarter in 2010.

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-7								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
Benzene	0.7	NS	NS	NS	NS	NS	ND	ND	ND	ND
Toluene	5	NS	NS	NS	NS	NS	ND	**57**	ND	**14**
Ethylbenzene	5	NS	NS	NS	NS	NS	ND	4.6	ND	ND
Xylenes (Total)	5	NS	NS	NS	NS	NS	3.2	**25.9**	ND	ND
Naphthalene	10	NS	NS	NS	NS	NS	ND	ND	ND	ND
2-Butanone	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
Carbon Tetrachloride	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
Chloroform	7	NS	NS	NS	NS	NS	**7.6**	2.7	ND	ND
Chlorobenzene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	NS	NS	NS	NS	NS	**18**	**6.2**	**19**	**16**
trans-1,2-Dichloroethene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,1-Dichloroethene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,1-Dichloroethane	5	NS	NS	NS	NS	NS	4.8	**36**	**5.7**	**6.1**
1,2-Dichloropropane	1	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,2-Dichlorobenzene	3	NS	NS	NS	NS	NS	ND	ND	ND	ND
Diethyl Ether	--	NS	NS	NS	NS	NS	ND	ND	ND	ND
Isopropylbenzene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
n-propylbenzene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	NS	NS	NS	NS	NS	**6.6**	ND	ND	ND
1,3,5-Trimethylbenzene	5	NS	NS	NS	NS	NS	**5.6**	ND	ND	ND
Tetrachloroethene	5	NS	NS	NS	NS	NS	**19**	**8.2**	**18**	**15**
Trichloroethene	5	NS	NS	NS	NS	NS	**15**	**7.3**	**18**	**16**
1,1,1-Trichloroethane	5	NS	NS	NS	NS	NS	ND	**8.3**	2.2	2
Trichlorofluoromethane	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	NS	NS	NS	NS	NS	ND	ND	ND	ND
Methylene Chloride	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
Vinyl Chloride	2	NS	NS	NS	NS	NS	ND	ND	ND	ND
Tetrahydrofuran	50	NS	NS	NS	NS	NS	29	ND	ND	ND
Dichlorodifluoromethane	5	NS	NS	NS	NS	NS	**5.8**	ND	**5.4**	ND

* Concentrations are in µg/L

See last page for notes.

MW-7 was obstructed by plywood from construction activities until 2nd quarter in 2010.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-8								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	**1.3**	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	**800**	ND	ND	ND	ND	2.6	**19**	ND	ND
Ethylbenzene	5	**58**	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)	5	**310**	ND	ND	ND	ND	ND	2.9	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-9A								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
Benzene	0.7	ND	**3.7**	**24**	**43**	ND	**45**	NS	NS	**110**
Toluene	5	**58**	3	ND	**29,000**	**4,600**	**51,000**	NS	NS	**210,000**
Ethylbenzene	5	**11**	**24**	**150**	**1,300**	**540**	**3,000**	NS	NS	**9,100**
Xylenes (Total)	5	**126**	ND	**663**	**6,900**	**2,180**	**16,200**	NS	NS	**44,000**
Naphthalene	10	ND	ND	ND	ND	ND	ND	NS	NS	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	NS	NS	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	NS	NS	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	NS	NS	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
1,1-Dichloroethane	5	ND	ND	ND	2.1	ND	ND	NS	NS	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	NS	NS	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	NS	NS	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	NS	NS	ND
Isopropylbenzene	5	ND	ND	2.9	**9.9**	ND	ND	NS	NS	ND
n-propylbenzene	5	ND	ND	ND	2.3	ND	ND	NS	NS	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	NS	NS	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	NS	NS	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	**8**	ND	ND	NS	NS	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	NS	NS	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	NS	NS	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	NS	NS	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	NS	NS	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	NS	NS	ND

* Concentrations are in µg/L
See last page for notes.

Product was detected in MW-9A during the 3rd and 4th quarters in 2010 and was not sampled

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	NYSDEC TOGS GWQS[1]	MW-10								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	**2.2**	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	**1,100**	ND	ND	**600**
Ethylbenzene	5	ND	ND	ND	ND	ND	**1,100**	3.8	2.1	**8**
Xylenes (Total)	5	ND	ND	ND	ND	ND	**2,470**	2.3	ND	**64**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	**39**	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	2.7	3.3	3.4	3.9	ND	3.9	3.4	**6.1**	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	**4.7**	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	**9**	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	3.2	ND	ND	ND
Trichloroethene	5	**5.6**	ND	ND	ND	ND	**11**	**7.8**	4.7	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	24	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

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WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
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	NYSDEC TOGS GWQS[1]	MW-11								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	**9.1**	ND	ND	ND	ND	ND	ND	**45**
Ethylbenzene	5	ND	2.9	ND	ND	ND	ND	ND	ND	**37**
Xylenes (Total)	5	ND	**13.8**	ND	ND	ND	ND	2.3	**23.2**	**202**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
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	NYSDEC TOGS GWQS[1]	MW-12								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	**2,600**	**13,000**	**3,000**	**2,400**	**3,400**	**200**	**390**	**720**	**3,500**
Ethylbenzene	5	**8,700**	**15,000**	**14,000**	**9,600**	**15,000**	**9,000**	**8,100**	**6,500**	**9,100**
Xylenes (Total)	5	**38,200**	**59,100**	**62,100**	**38,200**	**61,000**	**37,000**	**30,310**	**22,650**	**36,200**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
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	NYSDEC TOGS GWQS[1]	MW-13								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
Benzene	0.7	NR	NR	NR	NR	NR	**280**	**360**	NS	**240**
Toluene	5	NR	NR	NR	NR	NR	**290,000**	**310,000**	NS	**400,000**
Ethylbenzene	5	NR	NR	NR	NR	NR	**6,900**	**6,400**	NS	**6,400**
Xylenes (Total)	5	NR	NR	NR	NR	NR	**35,500**	**30,700**	NS	**26,100**
Naphthalene	10	NR	NR	NR	NR	NR	ND	ND	NS	ND
2-Butanone	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
Carbon Tetrachloride	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
Chloroform	7	NR	NR	NR	NR	NR	ND	ND	NS	ND
Chlorobenzene	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
cis-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
trans-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
1,2-Dichloroethane	0.6	NR	NR	NR	NR	NR	ND	ND	NS	ND
1,1-Dichloroethene	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
1,1-Dichloroethane	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
1,2-Dichloropropane	1	NR	NR	NR	NR	NR	ND	ND	NS	ND
1,2-Dichlorobenzene	3	NR	NR	NR	NR	NR	ND	ND	NS	ND
Diethyl Ether	--	NR	NR	NR	NR	NR	ND	ND	NS	ND
Isopropylbenzene	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
n-propylbenzene	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
4-Methyl-2-Pentanone	--	NR	NR	NR	NR	NR	ND	ND	NS	ND
1,2,3-Trichloropropane	0.04	NR	NR	NR	NR	NR	ND	ND	NS	ND
1,2,4-Trimethylbenzene	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
1,3,5-Trimethylbenzene	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
Tetrachloroethene	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
Trichloroethene	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
1,1,1-Trichloroethane	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
Trichlorofluoromethane	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
Methyl Tert-Butyl Ether	10	NR	NR	NR	NR	NR	ND	ND	NS	ND
Methylene Chloride	5	NR	NR	NR	NR	NR	ND	ND	NS	ND
Vinyl Chloride	2	NR	NR	NR	NR	NR	ND	ND	NS	ND
Tetrahydrofuran	50	NR	NR	NR	NR	NR	ND	ND	NS	ND
Dichlorodifluoromethane	5	NR	NR	NR	NR	NR	ND	ND	NS	ND

* Concentrations are in µg/L

See last page for notes.

MW-13 was not reported in LBG data tables until the 2nd quarter of 2010. In 4th quarter 2010 the well was obstructed by scaffolding.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-14								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)	5	ND	ND	ND	ND	ND	3.8	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	4.1	**6.2**	**7.4**	4.9	ND	ND	ND	2.8	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	2.1	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-15								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	NR	NR	NR	NR	NR	**30,000**	**12,000**	NS	NS
Benzene	0.7	NR	NR	NR	NR	NR	**120**	**260**	NS	NS
Toluene	5	NR	NR	NR	NR	NR	**290,000**	**210,000**	NS	NS
Ethylbenzene	5	NR	NR	NR	NR	NR	**4,500**	**5,900**	NS	NS
Xylenes (Total)	5	NR	NR	NR	NR	NR	**25,000**	**28,600**	NS	NS
Naphthalene	10	NR	NR	NR	NR	NR	ND	ND	NS	NS
2-Butanone	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
Carbon Tetrachloride	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
Chloroform	7	NR	NR	NR	NR	NR	ND	ND	NS	NS
Chlorobenzene	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
cis-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
trans-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
1,2-Dichloroethane	0.6	NR	NR	NR	NR	NR	ND	ND	NS	NS
1,1-Dichloroethene	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
1,1-Dichloroethane	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
1,2-Dichloropropane	1	NR	NR	NR	NR	NR	ND	ND	NS	NS
1,2-Dichlorobenzene	3	NR	NR	NR	NR	NR	ND	ND	NS	NS
Diethyl Ether	--	NR	NR	NR	NR	NR	ND	ND	NS	NS
Isopropylbenzene	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
n-propylbenzene	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
4-Methyl-2-Pentanone	--	NR	NR	NR	NR	NR	ND	ND	NS	NS
1,2,3-Trichloropropane	0.04	NR	NR	NR	NR	NR	ND	ND	NS	NS
1,2,4-Trimethylbenzene	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
1,3,5-Trimethylbenzene	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
Tetrachloroethene	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
Trichloroethene	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
1,1,1-Trichloroethane	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
Trichlorofluoromethane	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
Methyl Tert-Butyl Ether	10	NR	NR	NR	NR	NR	ND	ND	NS	NS
Methylene Chloride	5	NR	NR	NR	NR	NR	ND	ND	NS	NS
Vinyl Chloride	2	NR	NR	NR	NR	NR	ND	ND	NS	NS
Tetrahydrofuran	50	NR	NR	NR	NR	NR	ND	ND	NS	NS
Dichlorodifluoromethane	5	NR	NR	NR	NR	NR	ND	ND	NS	NS

* Concentrations are in µg/L

See last page for notes.

MW-15 was not reported in LBG data tables until the 2nd quarter of 2010. In 4th quarter 2010 and 1st quarter 2011 product was detected in the well and not sampled.

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	NYSDEC TOGS GWQS[1]	MW-16								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	**2,200**	**75,000**	**250,000**	**4,400**	**18,000**	**76,000**
Benzene	0.7	ND	ND	ND	ND	**110**	**140**	ND	ND	**140**
Toluene	5	**5,100**	**6,800**	**4,100**	**3,000**	**43,000**	**50,000**	**7,800**	**33,000**	**56,000**
Ethylbenzene	5	**1,000**	**1,800**	**1,300**	**420**	**5,600**	**8,500**	**2,000**	**5,000**	**8,600**
Xylenes (Total)	5	**4,600**	**5,600**	**5,900**	**2,240**	**30,800**	**48,000**	**11,200**	**30,600**	**52,000**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	**1,700**	**4,300**	ND	ND	**1,200**
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	**23**	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-20								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	**30**	ND	**5.2**
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	**19**	**11**	**18**
Xylenes (Total)	5	ND	ND	ND	ND	ND	ND	**106**	**37**	**69**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

	NYSDEC TOGS GWQS[1]	MW-21								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	NS	NS	NS	ND	**3,800**	**360,000**	NS	**51,000**	**350,000**
Benzene	0.7	NS	NS	NS	**120**	**120**	ND	NS	**110**	ND
Toluene	5	NS	NS	NS	**280,000**	**330,000**	**260,000**	NS	**290,000**	**350,000**
Ethylbenzene	5	NS	NS	NS	**6,300**	**5,700**	**5,200**	NS	**4,400**	**4,800**
Xylenes (Total)	5	NS	NS	NS	**39,000**	**42,000**	**52,000**	NS	**29,200**	**37,400**
Naphthalene	10	NS	NS	NS	ND	ND	ND	NS	ND	ND
2-Butanone	5	NS	NS	NS	ND	ND	**1,100**	NS	ND	ND
Carbon Tetrachloride	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
Chloroform	7	NS	NS	NS	ND	ND	ND	NS	ND	ND
Chlorobenzene	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
cis-1,2-Dichloroethene	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
trans-1,2-Dichloroethene	5	NS	NS	NS	NA*	NA*	ND	NS	ND	ND
1,2-Dichloroethane	0.6	NS	NS	NS	NA*	NA*	ND	NS	ND	ND
1,1-Dichloroethene	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
1,1-Dichloroethane	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
1,2-Dichloropropane	1	NS	NS	NS	ND	ND	ND	NS	ND	ND
1,2-Dichlorobenzene	3	NS	NS	NS	ND	ND	ND	NS	ND	ND
Diethyl Ether	--	NS	NS	NS	ND	ND	ND	NS	ND	ND
Isopropylbenzene	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
n-propylbenzene	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
4-Methyl-2-Pentanone	--	NS	NS	NS	ND	ND	ND	NS	ND	ND
1,2,3-Trichloropropane	0.04	NS	NS	NS	ND	ND	ND	NS	ND	ND
1,2,4-Trimethylbenzene	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
1,3,5-Trimethylbenzene	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
Tetrachloroethene	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
Trichloroethene	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
1,1,1-Trichloroethane	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
Trichlorofluoromethane	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
Methyl Tert-Butyl Ether	10	NS	NS	NS	ND	ND	ND	NS	ND	ND
Methylene Chloride	5	NS	NS	NS	ND	ND	ND	NS	ND	ND
Vinyl Chloride	2	NS	NS	NS	ND	ND	ND	NS	ND	ND
Tetrahydrofuran	50	NS	NS	NS	ND	ND	ND	NS	ND	ND
Dichlorodifluoromethane	5	NS	NS	NS	NA*	NA*	ND	NS	ND	ND

* Concentrations are in µg/L

See last page for notes.

Product was detected in MW-21 during the 1st quarter of 2009 and the well was not sampled. MW-21 was dry in the 2nd and 3rd quarters of 2009 and 3rd quarter 2010.

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	NYSDEC TOGS GWQS[1]	MW-22								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
Benzene	0.7	NS	NS	NS	ND	NS	NS	NS	NS	NS
Toluene	5	NS	NS	NS	**130,000**	NS	NS	NS	NS	NS
Ethylbenzene	5	NS	NS	NS	**22,000**	NS	NS	NS	NS	NS
Xylenes (Total)	5	NS	NS	NS	**144,000**	NS	NS	NS	NS	NS
Naphthalene	10	NS	NS	NS	ND	NS	NS	NS	NS	NS
2-Butanone	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
Carbon Tetrachloride	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
Chloroform	7	NS	NS	NS	ND	NS	NS	NS	NS	NS
Chlorobenzene	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	5	NS	NS	NS	NA*	NS	NS	NS	NS	NS
1,2-Dichloroethane	0.6	NS	NS	NS	NA*	NS	NS	NS	NS	NS
1,1-Dichloroethene	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
1,1-Dichloroethane	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
1,2-Dichloropropane	1	NS	NS	NS	ND	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	3	NS	NS	NS	ND	NS	NS	NS	NS	NS
Diethyl Ether	--	NS	NS	NS	ND	NS	NS	NS	NS	NS
Isopropylbenzene	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
n-propylbenzene	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
4-Methyl-2-Pentanone	--	NS	NS	NS	ND	NS	NS	NS	NS	NS
1,2,3-Trichloropropane	0.04	NS	NS	NS	ND	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
Tetrachloroethene	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
Trichloroethene	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
1,1,1-Trichloroethane	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
Trichlorofluoromethane	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
Methyl Tert-Butyl Ether	10	NS	NS	NS	ND	NS	NS	NS	NS	NS
Methylene Chloride	5	NS	NS	NS	ND	NS	NS	NS	NS	NS
Vinyl Chloride	2	NS	NS	NS	ND	NS	NS	NS	NS	NS
Tetrahydrofuran	50	NS	NS	NS	ND	NS	NS	NS	NS	NS
Dichlorodifluoromethane	5	NS	NS	NS	NA*	NS	NS	NS	NS	NS

* Concentrations are in µg/L

See last page for notes.

Product was detected in MW-22 during every quarter except the 4th quarter of 2009 and was not sampled when product was detected.

	NYSDEC TOGS GWQS[1]	MW-23								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	**11,000**	**5,300**	**6,300**	**6,700**	**77**	**6,200**	**5,800**	**1,600**	**46**
Ethylbenzene	5	**9,300**	**4,100**	**6,200**	**6,900**	**310**	**8,900**	**10,000**	**2,600**	**410**
Xylenes (Total)	5	**49,000**	**19,000**	**32,200**	**37,000**	**1,270**	**49,600**	**52,700**	**14,700**	**900**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	**52**	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	MW-24								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	**1,100**	**1,900**	**2,500**	ND	ND	ND	**1,200**	ND	ND
Benzene	0.7	**160**	**250**	**290**	**220**	**160**	ND	ND	ND	ND
Toluene	5	**94,000**	**210,000**	**220,000**	**89,000**	**62,200**	**20,000**	**11,000**	**6,500**	**22,000**
Ethylbenzene	5	**2,100**	**3,800**	**3,900**	**2,900**	**1,900**	**1,100**	**340**	**420**	**480**
Xylenes (Total)	5	**9,300**	**16,500**	**18,400**	**13,900**	**7,200**	**5,160**	**1,220**	**1,770**	**2,050**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

	NYSDEC TOGS GWQS[1]	MW-25								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
Benzene	0.7	NR	NR	NR	NR	NR	NS	NS	NS	NS
Toluene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
Ethylbenzene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
Xylenes (Total)	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
Naphthalene	10	NR	NR	NR	NR	NR	NS	NS	NS	NS
2-Butanone	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
Carbon Tetrachloride	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
Chloroform	7	NR	NR	NR	NR	NR	NS	NS	NS	NS
Chlorobenzene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
cis-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
trans-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
1,2-Dichloroethane	0.6	NR	NR	NR	NR	NR	NS	NS	NS	NS
1,1-Dichloroethene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
1,1-Dichloroethane	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
1,2-Dichloropropane	1	NR	NR	NR	NR	NR	NS	NS	NS	NS
1,2-Dichlorobenzene	3	NR	NR	NR	NR	NR	NS	NS	NS	NS
Diethyl Ether	--	NR	NR	NR	NR	NR	NS	NS	NS	NS
Isopropylbenzene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
n-propylbenzene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
4-Methyl-2-Pentanone	--	NR	NR	NR	NR	NR	NS	NS	NS	NS
1,2,3-Trichloropropane	0.04	NR	NR	NR	NR	NR	NS	NS	NS	NS
1,2,4-Trimethylbenzene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
1,3,5-Trimethylbenzene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
Tetrachloroethene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
Trichloroethene	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
1,1,1-Trichloroethane	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
Trichlorofluoromethane	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
Methyl Tert-Butyl Ether	10	NR	NR	NR	NR	NR	NS	NS	NS	NS
Methylene Chloride	5	NR	NR	NR	NR	NR	NS	NS	NS	NS
Vinyl Chloride	2	NR	NR	NR	NR	NR	NS	NS	NS	NS
Tetrahydrofuran	50	NR	NR	NR	NR	NR	NS	NS	NS	NS
Dichlorodifluoromethane	5	NR	NR	NR	NR	NR	NS	NS	NS	NS

* Concentrations are in µg/L

See last page for notes.

MW-25 was not reported in LBG data tables until 2nd quarter 2010. Since then product has been detected during each sampling event and the well has not been sampled.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
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	NYSDEC TOGS GWQS[1]	MW-26								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	**9.2**	ND	ND	ND	ND	**110**	ND	ND
Ethylbenzene	5	ND	2.2	ND	ND	ND	ND	2.3	ND	ND
Xylenes (Total)	5	ND	3	ND	ND	ND	ND	**10.7**	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	3.8	3.1	2.4	ND	2.8	2.3	ND
Trichloroethene	5	ND	2.6	2.7	3.1	ND	ND	2.6	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
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	NYSDEC TOGS GWQS[1]	MW-27								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	3.2	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)	5	**9.9**	ND	ND	**5.2**	ND	ND	**6.4**	ND	2.1
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	**32**	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	**28**	**24**	3.5	ND	ND	ND	**9.2**
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	3.2	3.4	ND	ND	ND	ND	3.9
Trichloroethene	5	ND	ND	**12**	**11**	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	3.4
Methyl Tert-Butyl Ether	10	ND	ND	3.5	2.6	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	20	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
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	NYSDEC TOGS GWQS[1]	MW-28								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	NS	NS	NS	NS	NS	**800,000**	ND	**13,000**	**23,000**
Benzene	0.7	NS	NS	NS	NS	NS	**200**	ND	ND	ND
Toluene	5	NS	NS	NS	NS	NS	**270,000**	**16,000**	**9,900**	**52,000**
Ethylbenzene	5	NS	NS	NS	NS	NS	**3,100**	ND	**380**	**780**
Xylenes (Total)	5	NS	NS	NS	NS	NS	**16,000**	**1,800**	**1,280**	**3,460**
Naphthalene	10	NS	NS	NS	NS	NS	ND	ND	ND	ND
2-Butanone	5	NS	NS	NS	NS	NS	**3,500**	ND	ND	ND
Carbon Tetrachloride	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
Chloroform	7	NS	NS	NS	NS	NS	ND	ND	ND	ND
Chlorobenzene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,1-Dichloroethene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,1-Dichloroethane	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,2-Dichloropropane	1	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,2-Dichlorobenzene	3	NS	NS	NS	NS	NS	ND	ND	ND	ND
Diethyl Ether	--	NS	NS	NS	NS	NS	ND	ND	ND	ND
Isopropylbenzene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
n-propylbenzene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
Tetrachloroethene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
Trichloroethene	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
1,1,1-Trichloroethane	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
Trichlorofluoromethane	5	NS	NS	NS	NS	NS	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	NS	NS	NS	NS	NS	ND	ND	ND	ND
Methylene Chloride	5	NS	NS	NS	NS	NS	**770**	ND	ND	ND
Vinyl Chloride	2	NS	NS	NS	NS	NS	ND	ND	ND	ND
Tetrahydrofuran	50	NS	NS	NS	NS	NS	ND	ND	ND	ND
Dichlorodifluoromethane	5	NS	NS	NS	NS	NS	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

	NYSDEC TOGS GWQS[1]	GP-1								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
Benzene	0.7	**2**	**1.7**	**2.2**	**6**	NS	NS	NS	NS	NS
Toluene	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
Ethylbenzene	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
Xylenes (Total)	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
Naphthalene	10	ND	ND	ND	ND	NS	NS	NS	NS	NS
2-Butanone	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
Carbon Tetrachloride	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
Chloroform	7	ND	ND	ND	ND	NS	NS	NS	NS	NS
Chlorobenzene	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NS	NS	NS	NS	NS
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NS	NS	NS	NS	NS
1,1-Dichloroethene	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
1,1-Dichloroethane	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
1,2-Dichloropropane	1	ND	ND	ND	ND	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	3	ND	ND	ND	ND	NS	NS	NS	NS	NS
Diethyl Ether	--	ND	ND	ND	ND	NS	NS	NS	NS	NS
Isopropylbenzene	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
n-propylbenzene	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	NS	NS	NS	NS	NS
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
Tetrachloroethene	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
Trichloroethene	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
1,1,1-Trichloroethane	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
Trichlorofluoromethane	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	NS	NS	NS	NS	NS
Methylene Chloride	5	ND	ND	ND	ND	NS	NS	NS	NS	NS
Vinyl Chloride	2	ND	ND	ND	ND	NS	NS	NS	NS	NS
Tetrahydrofuran	50	NA*	NA*	NA*	ND	NS	NS	NS	NS	NS
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NS	NS	NS	NS	NS

* Concentrations are in µg/L

GP-1 was decommissioned in 2010.

See last page for notes.

	NYSDEC TOGS GWQS[1]	GP-2								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Benzene	0.7	ND	ND	NS	NS	NS	NS	NS	NS	NS
Toluene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Xylenes (Total)	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Naphthalene	10	ND	ND	NS	NS	NS	NS	NS	NS	NS
2-Butanone	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Carbon Tetrachloride	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Chloroform	7	ND	ND	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	5	NA*	NA	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	0.6	NA*	NA	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethene	5	1	ND	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	1	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	3	ND	ND	NS	NS	NS	NS	NS	NS	NS
Diethyl Ether	--	ND	ND	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
n-propylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
4-Methyl-2-Pentanone	--	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichloropropane	0.04	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethene	5	2.2	ND	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
1,1,1-Trichloroethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Methyl Tert-Butyl Ether	10	ND	ND	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	5	ND	ND	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	2	ND	ND	NS	NS	NS	NS	NS	NS	NS
Tetrahydrofuran	50	NA*	NA*	NS	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	5	NA*	NA*	NS	NS	NS	NS	NS	NS	NS

* Concentrations are in µg/L

See last page for notes.

GP-2 was decommissioned in 2010. GP-2 was not sampled in the second half of 2009 and no reason is stated in LBG data tables.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	EW-1								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	**58,000**	**6,200**	**93,000**	**4,400**	ND	**230,000**	**11,000**	**3,400**	**38,000**
Benzene	0.7	ND	ND	**120**	ND	ND	ND	ND	ND	ND
Toluene	5	**130,000**	**39,000**	**260,000**	**65,000**	**11,000**	**120,000**	**52,000**	**75,000**	**70,000**
Ethylbenzene	5	**3,800**	**4,000**	**3,800**	**4,700**	**280**	**4,400**	**2,400**	**4,200**	**1,800**
Xylenes (Total)	5	**19,600**	**20,900**	**18,400**	**25,600**	**4,420**	**30,000**	**15,500**	**20,800**	**13,300**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	**1,200**	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	**1,200**	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

	NYSDEC TOGS GWQS[1]	EW-2								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	**39,000**	**42,000**	**34,000**	**21,000**	**9,200**	**9,600**	**29,000**	**13,000**	**15,000**
Ethylbenzene	5	**12,000**	**13,000**	**13,000**	**11,000**	**4,200**	**11,000**	**16,000**	**9,100**	**7,100**
Xylenes (Total)	5	**60,000**	**69,000**	**74,000**	**61,000**	**24,300**	**59,000**	**67,000**	**48,000**	**37,300**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	50	NA*	NA*	NA*	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND	ND	ND	ND

* Concentrations are in µg/L

See last page for notes.

	NYSDEC TOGS GWQS[1]	CE-4								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	ND	ND	ND	ND	ND	ND	Not Sampled -		ND
Benzene	0.7	ND	ND	ND	ND	ND	ND	To be sampled		ND
Toluene	5	ND	ND	ND	**42**	ND	ND	annually		**1,500**
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	concurrent with		**16**
Xylenes (Total)	5	ND	ND	ND	**11**	ND	ND	the Con Edison		**121**
Naphthalene	10	ND	ND	ND	ND	ND	ND	MOSF sampling		ND
2-Butanone	5	ND	ND	ND	**35**	ND	ND	as per NYSDEC.		ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND			ND
Chloroform	7	ND	ND	ND	ND	ND	ND			ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND			ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND			ND
trans-1,2-Dichloroethene	5	NA*	NA	NA	NA*	NA*	ND			ND
1,2-Dichloroethane	0.6	NA*	NA	NA	NA*	NA*	ND			ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND			ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND			ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND			ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND			ND
Diethyl Ether	--	ND	ND	ND	ND	ND	ND			ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	**14**			**11**
n-propylbenzene	5	ND	ND	ND	ND	ND	ND			ND
4-Methyl-2-Pentanone	--	ND	ND	ND	ND	ND	ND			ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND			ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND			ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND			ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND			ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND			ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND			ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND			ND
Methyl Tert-Butyl Ether	10	ND	ND	ND	ND	ND	ND			ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND			ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND			ND
Tetrahydrofuran	50	NA*	NA*	NA*	22	ND	ND			ND
Dichlorodifluoromethane	5	NA*	NA*	NA*	NA*	NA*	ND			ND

* Concentrations are in µg/L

See last page for notes.

GROUNDWATER ANALYTICAL RESULTS FOR FYN PAINT LACQUER CO. INC.
WESTERN PORTION OF NORTH FIRST STREET OIL STORAGE TERMINAL
49 RIVER STREET
BROOKLYN, NEW YORK

	NYSDEC TOGS GWQS[1]	ASW-1								
Analyte		**1Q 2009**	**2Q 2009**	**3Q 2009**	**4Q 2009**	**1Q 2010**	**2Q 2010**	**3Q 2010**	**4Q 2010**	**1Q 2011**
Acetone	5	NR	NR	NR	NR	NR	**18**	NS	NS	NS
Benzene	0.7	NR	NR	NR	NR	NR	ND	NS	NS	NS
Toluene	5	NR	NR	NR	NR	NR	**86**	NS	NS	NS
Ethylbenzene	5	NR	NR	NR	NR	NR	**36**	NS	NS	NS
Xylenes (Total)	5	NR	NR	NR	NR	NR	**172**	NS	NS	NS
Naphthalene	10	NR	NR	NR	NR	NR	ND	NS	NS	NS
2-Butanone	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
Carbon Tetrachloride	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
Chloroform	7	NR	NR	NR	NR	NR	2.3	NS	NS	NS
Chlorobenzene	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
cis-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
trans-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
1,2-Dichloroethane	0.6	NR	NR	NR	NR	NR	**16**	NS	NS	NS
1,1-Dichloroethene	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
1,1-Dichloroethane	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
1,2-Dichloropropane	1	NR	NR	NR	NR	NR	ND	NS	NS	NS
1,2-Dichlorobenzene	3	NR	NR	NR	NR	NR	ND	NS	NS	NS
Diethyl Ether	--	NR	NR	NR	NR	NR	ND	NS	NS	NS
Isopropylbenzene	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
n-propylbenzene	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
4-Methyl-2-Pentanone	--	NR	NR	NR	NR	NR	ND	NS	NS	NS
1,2,3-Trichloropropane	0.04	NR	NR	NR	NR	NR	ND	NS	NS	NS
1,2,4-Trimethylbenzene	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
1,3,5-Trimethylbenzene	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
Tetrachloroethene	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
Trichloroethene	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
1,1,1-Trichloroethane	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
Trichlorofluoromethane	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
Methyl Tert-Butyl Ether	10	NR	NR	NR	NR	NR	ND	NS	NS	NS
Methylene Chloride	5	NR	NR	NR	NR	NR	ND	NS	NS	NS
Vinyl Chloride	2	NR	NR	NR	NR	NR	ND	NS	NS	NS
Tetrahydrofuran	50	NR	NR	NR	NR	NR	ND	NS	NS	NS
Dichlorodifluoromethane	5	NR	NR	NR	NR	NR	ND	NS	NS	NS

* Concentrations are in µg/L

See last page for notes.

ASW-1 was not reported in LBG data tables until 2nd quarter 2010 and was not sampled in 3rd or 4th quarter 2010, or 1st quarter 2011 citing use as an air sparge well.

Appendix E – Analytical Laboratory Data Package

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-15461-1

Job Description: Con Ed - North 1st Street

For:
HDR Engineering, Inc.
One Blue Hill Plaza
PO BOX 1509
Pearl River, NY 10965

Attention: Mr. Edward Schwetz



Approved for release.
Cheryl Cascella
Project Manager I
5/31/2011 1:51 PM

Designee for
Jackie Trudell
Project Manager I
jackie.trudell@testamericainc.com
05/31/2011

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

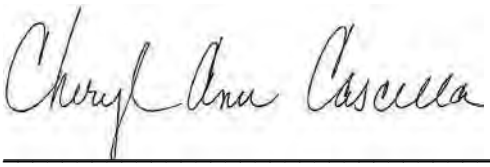
TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Number: 220-15461-1

Job Description: Con Ed - North 1st Street

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Approved for release.
Cheryl Cascella
Project Manager I
5/31/2011 1:51 PM

Designee for
Jackie Trudell

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Job Narrative
220-15461-1

Comments
No additional comments.

Receipt
The following field QC sample was received at the laboratory without a sample collection time documented on the chain of custody: TB (220-15461-19). As a result, a sample collection time of 12:00am, on the date of collection, has been used.

Method(s) 3050B, 6010B, 7471A: The following sample(s) was activated for TAL Metals analysis by the client on 5/23/11:B1 (12') (220-15461-1), B10 (7') (220-15461-16), B11 (9') (220-15461-17), B12 (9') (220-15461-18), B13 (10') (220-15461-6), B14 (12') (220-15461-7), B15 (9') (220-15461-8), B16 (9') (220-15461-9), B17 (9') (220-15461-10), B18 (7') (220-15461-11), B2 (9') (220-15461-2), B3 (9') (220-15461-3), B4 (9.5') (220-15461-4), B5 (10') (220-15461-5), B6 (8') (220-15461-12), B7 (7') (220-15461-13), B8 (7') (220-15461-14), B9 (6.5') (220-15461-15). This analysis was not originally requested on the chain-of-custody (COC).

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: Internal standard (ISTD) response for the following samples was outside control limits: B12 (9') (220-15461-18), B9 (6.5') (220-15461-15). The samples were re-analyzed with concurring results. The original set of data has been reported.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8081A: The laboratory control sample (LCS) for batch 51079 exceeded control limits for the following analytes: DDE, DDT, Heptachlor. These analytes were biased high in the LCS.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 5/26/11 at 16:33 on instrument GC8 did not meet criteria on both columns. The associated samples were analyzed twice with similar results.

Method(s) 8082: The capping continuing calibration verification (CCV) analyzed on 5/25/11 at 23:52 on instrument GC-9 did not meet criteria on both columns. The associated samples were analyzed twice with similar results. The second set of data has been reported.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-1	**B1 (12')**					
Acetone		12	J	24	ug/Kg	8260B
Methylene Chloride		5.9	J B	24	ug/Kg	8260B
Acenaphthene		74	J	310	ug/Kg	8270C
Acenaphthylene		28	J	310	ug/Kg	8270C
Anthracene		190	J	310	ug/Kg	8270C
Benzo[a]anthracene		460		310	ug/Kg	8270C
Benzo[a]pyrene		390		310	ug/Kg	8270C
Benzo[b]fluoranthene		440		310	ug/Kg	8270C
Benzo[g,h,i]perylene		490		310	ug/Kg	8270C
Benzo[k]fluoranthene		160	J	310	ug/Kg	8270C
Chrysene		420		310	ug/Kg	8270C
Dibenz(a,h)anthracene		250	J	310	ug/Kg	8270C
Fluoranthene		860		310	ug/Kg	8270C
Fluorene		110	J	310	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		530		310	ug/Kg	8270C
Naphthalene		73	J	310	ug/Kg	8270C
Dibenzofuran		61	J	310	ug/Kg	8270C
Phenanthrene		640		310	ug/Kg	8270C
Pyrene		1100	*	310	ug/Kg	8270C
Percent Moisture		18.1		0.10	%	Moisture
Percent Solids		81.9		0.10	%	Moisture
220-15461-2	**B2 (9')**					
Acetone		17	J	24	ug/Kg	8260B
Methylene Chloride		5.9	J B	24	ug/Kg	8260B
Acenaphthene		320		320	ug/Kg	8270C
Percent Moisture		16.5		0.10	%	Moisture
Percent Solids		83.5		0.10	%	Moisture
220-15461-3	**B3 (9')**					
Acetone		3.6	J	23	ug/Kg	8260B
Methylene Chloride		7.1	J B	23	ug/Kg	8260B
4,4'-DDE		1.3	J B *	3.9	ug/Kg	8081A
alpha-Chlordane		2.0		2.0	ug/Kg	8081A
Heptachlor		0.50	J p B *	2.0	ug/Kg	8081A
Percent Moisture		14.5		0.10	%	Moisture
Percent Solids		85.5		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-4	**B4 (9.5')**					
Methylene Chloride		5.5	J B	23	ug/Kg	8260B
Percent Moisture		13.4		0.10	%	Moisture
Percent Solids		86.6		0.10	%	Moisture
220-15461-5	**B5 (10')**					
Acetone		4.0	J	23	ug/Kg	8260B
Methylene Chloride		6.2	J B	23	ug/Kg	8260B
Anthracene		27	J	310	ug/Kg	8270C
Benzo[a]anthracene		110	J	310	ug/Kg	8270C
Benzo[a]pyrene		110	J	310	ug/Kg	8270C
Benzo[b]fluoranthene		130	J	310	ug/Kg	8270C
Benzo[g,h,i]perylene		250	J	310	ug/Kg	8270C
Benzo[k]fluoranthene		58	J	310	ug/Kg	8270C
Chrysene		120	J	310	ug/Kg	8270C
Fluoranthene		200	J	310	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		260	J	310	ug/Kg	8270C
Phenanthrene		140	J	310	ug/Kg	8270C
Pyrene		260	J *	310	ug/Kg	8270C
4,4'-DDE		1.6	J p B	3.8	ug/Kg	8081A
4,4'-DDT		4.9	*	3.8	ug/Kg	8081A
Heptachlor		0.46	J p B *	2.0	ug/Kg	8081A
Percent Moisture		13.4		0.10	%	Moisture
Percent Solids		86.6		0.10	%	Moisture
220-15461-6	**B13 (10')**					
Acetone		14	J	24	ug/Kg	8260B
Methylene Chloride		6.1	J B	24	ug/Kg	8260B
Xylenes, Total		1.9	J	5.9	ug/Kg	8260B
Percent Moisture		15.7		0.10	%	Moisture
Percent Solids		84.3		0.10	%	Moisture
220-15461-7	**B14 (12')**					
Acetone		6.4	J	23	ug/Kg	8260B
Methylene Chloride		6.4	J B	23	ug/Kg	8260B
4,4'-DDE		1.0	J B *	3.7	ug/Kg	8081A
Heptachlor		0.44	J B *	1.9	ug/Kg	8081A
Percent Moisture		11.9		0.10	%	Moisture
Percent Solids		88.1		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-8	**B15 (9')**					
Acetone		20	J	23	ug/Kg	8260B
Methylene Chloride		6.0	J B	23	ug/Kg	8260B
Percent Moisture		13.4		0.10	%	Moisture
Percent Solids		86.6		0.10	%	Moisture
220-15461-9	**B16 (9')**					
Acetone		37		23	ug/Kg	8260B
Methylene Chloride		5.7	J B	23	ug/Kg	8260B
Acenaphthene		24	J	300	ug/Kg	8270C
Acenaphthylene		31	J	300	ug/Kg	8270C
Anthracene		34	J	300	ug/Kg	8270C
Benzo[a]anthracene		130	J	300	ug/Kg	8270C
Benzo[a]pyrene		170	J	300	ug/Kg	8270C
Benzo[b]fluoranthene		250	J	300	ug/Kg	8270C
Benzo[g,h,i]perylene		500		300	ug/Kg	8270C
Benzo[k]fluoranthene		77	J	300	ug/Kg	8270C
Chrysene		160	J	300	ug/Kg	8270C
Dibenz(a,h)anthracene		120	J	300	ug/Kg	8270C
Fluoranthene		190	J	300	ug/Kg	8270C
Fluorene		28	J	300	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		410		300	ug/Kg	8270C
Naphthalene		97	J	300	ug/Kg	8270C
Dibenzofuran		34	J	300	ug/Kg	8270C
Phenanthrene		170	J	300	ug/Kg	8270C
Pyrene		310	*	300	ug/Kg	8270C
Percent Moisture		11.3		0.10	%	Moisture
Percent Solids		88.7		0.10	%	Moisture
220-15461-10	**B17 (9')**					
Acetone		57		22	ug/Kg	8260B
Methyl Ethyl Ketone		19		11	ug/Kg	8260B
Methylene Chloride		4.7	J B	22	ug/Kg	8260B
N-Propylbenzene		0.92	J	5.5	ug/Kg	8260B
sec-Butylbenzene		51		5.5	ug/Kg	8260B
Acenaphthene		70	J	300	ug/Kg	8270C
Anthracene		71	J	300	ug/Kg	8270C
Fluorene		220	J	300	ug/Kg	8270C
Dibenzofuran		99	J	300	ug/Kg	8270C
Phenanthrene		540		300	ug/Kg	8270C
Pyrene		120	J *	300	ug/Kg	8270C
Percent Moisture		9.1		0.10	%	Moisture
Percent Solids		90.9		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-11	**B18 (7')**					
Benzene		0.87	J	5.8	ug/Kg	8260B
Methylene Chloride		5.4	J B	23	ug/Kg	8260B
Toluene		1.3	J	5.8	ug/Kg	8260B
Anthracene		16	J	310	ug/Kg	8270C
Benzo[a]anthracene		110	J	310	ug/Kg	8270C
Benzo[a]pyrene		140	J	310	ug/Kg	8270C
Benzo[b]fluoranthene		180	J	310	ug/Kg	8270C
Benzo[g,h,i]perylene		330		310	ug/Kg	8270C
Benzo[k]fluoranthene		64	J	310	ug/Kg	8270C
Chrysene		140	J	310	ug/Kg	8270C
Dibenz(a,h)anthracene		200	J	310	ug/Kg	8270C
Fluoranthene		160	J	310	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		320		310	ug/Kg	8270C
Phenanthrene		85	J	310	ug/Kg	8270C
Pyrene		250	J *	310	ug/Kg	8270C
Percent Moisture		13.3		0.10	%	Moisture
Percent Solids		86.7		0.10	%	Moisture
220-15461-12	**B6 (8')**					
Acetone		5.5	J	23	ug/Kg	8260B
Methylene Chloride		5.8	J B	23	ug/Kg	8260B
Toluene		0.53	J	5.8	ug/Kg	8260B
Anthracene		89	J	310	ug/Kg	8270C
Benzo[a]anthracene		390		310	ug/Kg	8270C
Benzo[a]pyrene		280	J	310	ug/Kg	8270C
Benzo[b]fluoranthene		320		310	ug/Kg	8270C
Benzo[g,h,i]perylene		370		310	ug/Kg	8270C
Benzo[k]fluoranthene		130	J	310	ug/Kg	8270C
Chrysene		360		310	ug/Kg	8270C
Dibenz(a,h)anthracene		230	J	310	ug/Kg	8270C
Fluoranthene		650		310	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		380		310	ug/Kg	8270C
Phenanthrene		250	J	310	ug/Kg	8270C
Pyrene		870	*	310	ug/Kg	8270C
Percent Moisture		13.7		0.10	%	Moisture
Percent Solids		86.3		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-13	**B7 (7')**					
Methylene Chloride		4.9	J B	23	ug/Kg	8260B
Acenaphthene		71	J	310	ug/Kg	8270C
Acenaphthylene		29	J	310	ug/Kg	8270C
Anthracene		160	J	310	ug/Kg	8270C
Benzo[a]anthracene		560		310	ug/Kg	8270C
Benzo[a]pyrene		500		310	ug/Kg	8270C
Benzo[b]fluoranthene		510		310	ug/Kg	8270C
Benzo[g,h,i]perylene		610		310	ug/Kg	8270C
Benzo[k]fluoranthene		210	J	310	ug/Kg	8270C
Chrysene		560		310	ug/Kg	8270C
Dibenz(a,h)anthracene		290	J	310	ug/Kg	8270C
Fluoranthene		930		310	ug/Kg	8270C
Fluorene		61	J	310	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		650		310	ug/Kg	8270C
Naphthalene		27	J	310	ug/Kg	8270C
Dibenzofuran		25	J	310	ug/Kg	8270C
Phenanthrene		910		310	ug/Kg	8270C
Pyrene		1700	*	310	ug/Kg	8270C
Percent Moisture		13.7		0.10	%	Moisture
Percent Solids		86.3		0.10	%	Moisture
220-15461-14	**B8 (7')**					
Acetone		5.7	J	23	ug/Kg	8260B
Methylene Chloride		6.9	J B	23	ug/Kg	8260B
Tetrachloroethene		1.4	J	5.7	ug/Kg	8260B
Toluene		0.50	J	5.7	ug/Kg	8260B
Acenaphthene		39	J	300	ug/Kg	8270C
Acenaphthylene		52	J	300	ug/Kg	8270C
Anthracene		160	J	300	ug/Kg	8270C
Benzo[a]anthracene		780		300	ug/Kg	8270C
Benzo[a]pyrene		820		300	ug/Kg	8270C
Benzo[b]fluoranthene		900		300	ug/Kg	8270C
Benzo[g,h,i]perylene		1200		300	ug/Kg	8270C
Benzo[k]fluoranthene		360		300	ug/Kg	8270C
Chrysene		790		300	ug/Kg	8270C
Dibenz(a,h)anthracene		320		300	ug/Kg	8270C
Fluoranthene		1200		300	ug/Kg	8270C
Fluorene		39	J	300	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1200		300	ug/Kg	8270C
Naphthalene		63	J	300	ug/Kg	8270C
Dibenzofuran		46	J	300	ug/Kg	8270C
Phenanthrene		600		300	ug/Kg	8270C
Pyrene		1900	*	300	ug/Kg	8270C
Percent Moisture		12.8		0.10	%	Moisture
Percent Solids		87.2		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-15	**B9 (6.5')**					
Methylene Chloride		4.4	J B	24	ug/Kg	8260B
Acenaphthene		100	J	1300	ug/Kg	8270C
Acenaphthylene		100	J	1300	ug/Kg	8270C
Anthracene		470	J	1300	ug/Kg	8270C
Benzo[a]anthracene		2700		1300	ug/Kg	8270C
Benzo[a]pyrene		1900		1300	ug/Kg	8270C
Benzo[b]fluoranthene		2800		1300	ug/Kg	8270C
Benzo[g,h,i]perylene		2800		1300	ug/Kg	8270C
Benzo[k]fluoranthene		1000	J	1300	ug/Kg	8270C
Chrysene		2800		1300	ug/Kg	8270C
Dibenz(a,h)anthracene		750	J	1300	ug/Kg	8270C
Fluoranthene		7000		1300	ug/Kg	8270C
Fluorene		110	J	1300	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		2600		1300	ug/Kg	8270C
Naphthalene		84	J	1300	ug/Kg	8270C
Phenanthrene		1200	J	1300	ug/Kg	8270C
Pyrene		8800	*	1300	ug/Kg	8270C
4,4'-DDD		3.5	J p	4.0	ug/Kg	8081A
4,4'-DDE		6.0	p B	4.0	ug/Kg	8081A
alpha-BHC		0.61	J	2.1	ug/Kg	8081A
alpha-Chlordane		1.3	J p	2.1	ug/Kg	8081A
Dieldrin		3.6	J p	4.0	ug/Kg	8081A
Endrin		1.9	J p	4.0	ug/Kg	8081A
PCB-1254		160		21	ug/Kg	8082
PCB-1260		56		21	ug/Kg	8082
Percent Moisture		17.4		0.10	%	Moisture
Percent Solids		82.6		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-16	**B10 (7')**					
Methylene Chloride		5.4	J B	23	ug/Kg	8260B
Acenaphthene		25	J	310	ug/Kg	8270C
Anthracene		100	J	310	ug/Kg	8270C
Benzo[a]anthracene		650		310	ug/Kg	8270C
Benzo[a]pyrene		640		310	ug/Kg	8270C
Benzo[b]fluoranthene		710		310	ug/Kg	8270C
Benzo[g,h,i]perylene		800		310	ug/Kg	8270C
Benzo[k]fluoranthene		280	J	310	ug/Kg	8270C
Chrysene		620		310	ug/Kg	8270C
Dibenz(a,h)anthracene		350		310	ug/Kg	8270C
Fluoranthene		1100		310	ug/Kg	8270C
Fluorene		24	J	310	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		860		310	ug/Kg	8270C
Naphthalene		21	J	310	ug/Kg	8270C
Phenanthrene		470		310	ug/Kg	8270C
Pyrene		1500	*	310	ug/Kg	8270C
Percent Moisture		13.7		0.10	%	Moisture
Percent Solids		86.3		0.10	%	Moisture
220-15461-17	**B11 (9')**					
Acetone		17	J	22	ug/Kg	8260B
Methylene Chloride		5.5	J B	22	ug/Kg	8260B
4,4'-DDE		1.0	J B	3.6	ug/Kg	8081A
Heptachlor		0.54	J B *	1.8	ug/Kg	8081A
Percent Moisture		7.9		0.10	%	Moisture
Percent Solids		92.1		0.10	%	Moisture
220-15461-18	**B12 (9')**					
Acetone		64		23	ug/Kg	8260B
Methylene Chloride		5.6	J B	23	ug/Kg	8260B
Percent Moisture		11.4		0.10	%	Moisture
Percent Solids		88.6		0.10	%	Moisture

METHOD SUMMARY

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL CT	SW846 8270C	
Automated Soxhlet Extraction	TAL CT		SW846 3541
Organochlorine Pesticides (GC)	TAL CT	SW846 8081A	
Ultrasonic Extraction	TAL CT		SW846 3550B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CT	SW846 8082	
Ultrasonic Extraction	TAL CT		SW846 3550B
Percent Moisture	TAL CT	EPA Moisture	
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8260B	Lynch, Eon	EL
SW846 8270C	Jonas, Stephan	SJ
SW846 8081A	Puccino, Tracy	TP
SW846 8082	Puccino, Tracy	TP
EPA Moisture	Voytek, Joseph F	JFV

SAMPLE SUMMARY

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-15461-1	B1 (12')	Solid	05/09/2011 0830	05/11/2011 1820
220-15461-2	B2 (9')	Solid	05/09/2011 0915	05/11/2011 1820
220-15461-3	B3 (9')	Solid	05/09/2011 0930	05/11/2011 1820
220-15461-4	B4 (9.5')	Solid	05/09/2011 1000	05/11/2011 1820
220-15461-5	B5 (10')	Solid	05/09/2011 1030	05/11/2011 1820
220-15461-6	B13 (10')	Solid	05/09/2011 1110	05/11/2011 1820
220-15461-7	B14 (12')	Solid	05/09/2011 1140	05/11/2011 1820
220-15461-8	B15 (9')	Solid	05/09/2011 1435	05/11/2011 1820
220-15461-9	B16 (9')	Solid	05/09/2011 1400	05/11/2011 1820
220-15461-10	B17 (9')	Solid	05/09/2011 1335	05/11/2011 1820
220-15461-11	B18 (7')	Solid	05/09/2011 1305	05/11/2011 1820
220-15461-12	B6 (8')	Solid	05/10/2011 1130	05/11/2011 1820
220-15461-13	B7 (7')	Solid	05/10/2011 1100	05/11/2011 1820
220-15461-14	B8 (7')	Solid	05/10/2011 1020	05/11/2011 1820
220-15461-15	B9 (6.5')	Solid	05/10/2011 0940	05/11/2011 1820
220-15461-16	B10 (7')	Solid	05/10/2011 0915	05/11/2011 1820
220-15461-17	B11 (9')	Solid	05/10/2011 0830	05/11/2011 1820
220-15461-18	B12 (9')	Solid	05/10/2011 0900	05/11/2011 1820
220-15461-19TB	TB	Water	05/10/2011 0000	05/11/2011 1820

SAMPLE RESULTS

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B1 (12')

Lab Sample ID: 220-15461-1 Date Sampled: 05/09/2011 0830
Client Matrix: Solid % Moisture: 18.1 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3940.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1503			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1503				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		6.1	U	0.65	6.1
1,1-Dichloroethane		6.1	U	0.37	6.1
1,1-Dichloroethene		6.1	U	0.71	6.1
1,2-Dichlorobenzene		6.1	U	0.29	6.1
1,2-Dichloroethane		6.1	U	0.71	6.1
cis-1,2-Dichloroethene		6.1	U	0.45	6.1
trans-1,2-Dichloroethene		6.1	U	0.48	6.1
1,3-Dichlorobenzene		6.1	U	0.26	6.1
1,4-Dichlorobenzene		6.1	U	0.82	6.1
1,4-Dioxane		240	U	58	240
Acetone		12	J	2.7	24
Benzene		6.1	U	0.70	6.1
n-Butylbenzene		6.1	U	1.4	6.1
Carbon tetrachloride		6.1	U	1.2	6.1
Chlorobenzene		6.1	U	0.72	6.1
Chloroform		6.1	U	0.42	6.1
Ethylbenzene		6.1	U	0.85	6.1
Methyl Ethyl Ketone		12	U	1.9	12
Methyl tert-butyl ether		6.1	U	0.26	6.1
Methylene Chloride		5.9	J B	1.3	24
N-Propylbenzene		6.1	U	0.74	6.1
sec-Butylbenzene		6.1	U	0.65	6.1
tert-Butylbenzene		6.1	U	0.35	6.1
Tetrachloroethene		6.1	U	0.99	6.1
Toluene		6.1	U	0.090	6.1
Trichloroethene		6.1	U	0.99	6.1
1,2,4-Trimethylbenzene		6.1	U	0.93	6.1
1,3,5-Trimethylbenzene		6.1	U	0.61	6.1
Vinyl chloride		6.1	U	0.28	6.1
Xylenes, Total		6.1	U	0.59	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	100		59 - 123
1,2-Dichloroethane-d4 (Surr)	105		59 - 132
Toluene-d8 (Surr)	93		50 - 118
4-Bromofluorobenzene	103		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B2 (9')

Lab Sample ID: 220-15461-2 Date Sampled: 05/09/2011 0915
Client Matrix: Solid % Moisture: 16.5 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3941.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1528			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1528				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		6.0	U	0.64	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,1-Dichloroethene		6.0	U	0.69	6.0
1,2-Dichlorobenzene		6.0	U	0.29	6.0
1,2-Dichloroethane		6.0	U	0.69	6.0
cis-1,2-Dichloroethene		6.0	U	0.44	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0
1,3-Dichlorobenzene		6.0	U	0.25	6.0
1,4-Dichlorobenzene		6.0	U	0.80	6.0
1,4-Dioxane		240	U	57	240
Acetone		17	J	2.7	24
Benzene		6.0	U	0.68	6.0
n-Butylbenzene		6.0	U	1.4	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroform		6.0	U	0.41	6.0
Ethylbenzene		6.0	U	0.84	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Methyl tert-butyl ether		6.0	U	0.25	6.0
Methylene Chloride		5.9	J B	1.3	24
N-Propylbenzene		6.0	U	0.73	6.0
sec-Butylbenzene		6.0	U	0.64	6.0
tert-Butylbenzene		6.0	U	0.35	6.0
Tetrachloroethene		6.0	U	0.97	6.0
Toluene		6.0	U	0.089	6.0
Trichloroethene		6.0	U	0.97	6.0
1,2,4-Trimethylbenzene		6.0	U	0.91	6.0
1,3,5-Trimethylbenzene		6.0	U	0.60	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		6.0	U	0.58	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	99		59 - 123
1,2-Dichloroethane-d4 (Surr)	106		59 - 132
Toluene-d8 (Surr)	93		50 - 118
4-Bromofluorobenzene	106		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B3 (9')

Lab Sample ID: 220-15461-3 Date Sampled: 05/09/2011 0930
Client Matrix: Solid % Moisture: 14.5 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3942.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1553			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1553				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.8	U	0.62	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,1-Dichloroethene		5.8	U	0.68	5.8
1,2-Dichlorobenzene		5.8	U	0.28	5.8
1,2-Dichloroethane		5.8	U	0.68	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.46	5.8
1,3-Dichlorobenzene		5.8	U	0.25	5.8
1,4-Dichlorobenzene		5.8	U	0.78	5.8
1,4-Dioxane		230	U	55	230
Acetone		3.6	J	2.6	23
Benzene		5.8	U	0.67	5.8
n-Butylbenzene		5.8	U	1.3	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.69	5.8
Chloroform		5.8	U	0.40	5.8
Ethylbenzene		5.8	U	0.82	5.8
Methyl Ethyl Ketone		12	U	1.9	12
Methyl tert-butyl ether		5.8	U	0.25	5.8
Methylene Chloride		7.1	J B	1.3	23
N-Propylbenzene		5.8	U	0.71	5.8
sec-Butylbenzene		5.8	U	0.62	5.8
tert-Butylbenzene		5.8	U	0.34	5.8
Tetrachloroethene		5.8	U	0.95	5.8
Toluene		5.8	U	0.087	5.8
Trichloroethene		5.8	U	0.95	5.8
1,2,4-Trimethylbenzene		5.8	U	0.89	5.8
1,3,5-Trimethylbenzene		5.8	U	0.58	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		5.8	U	0.57	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	94		59 - 123
1,2-Dichloroethane-d4 (Surr)	105		59 - 132
Toluene-d8 (Surr)	90		50 - 118
4-Bromofluorobenzene	103		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B4 (9.5')

Lab Sample ID: 220-15461-4 Date Sampled: 05/09/2011 1000
Client Matrix: Solid % Moisture: 13.4 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3943.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1619			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1619				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.8	U	0.61	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,1-Dichloroethene		5.8	U	0.67	5.8
1,2-Dichlorobenzene		5.8	U	0.28	5.8
1,2-Dichloroethane		5.8	U	0.67	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.45	5.8
1,3-Dichlorobenzene		5.8	U	0.24	5.8
1,4-Dichlorobenzene		5.8	U	0.77	5.8
1,4-Dioxane		230	U	55	230
Acetone		23	U	2.6	23
Benzene		5.8	U	0.66	5.8
n-Butylbenzene		5.8	U	1.3	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.68	5.8
Chloroform		5.8	U	0.39	5.8
Ethylbenzene		5.8	U	0.81	5.8
Methyl Ethyl Ketone		12	U	1.8	12
Methyl tert-butyl ether		5.8	U	0.24	5.8
Methylene Chloride		5.5	J B	1.3	23
N-Propylbenzene		5.8	U	0.70	5.8
sec-Butylbenzene		5.8	U	0.61	5.8
tert-Butylbenzene		5.8	U	0.33	5.8
Tetrachloroethene		5.8	U	0.94	5.8
Toluene		5.8	U	0.085	5.8
Trichloroethene		5.8	U	0.94	5.8
1,2,4-Trimethylbenzene		5.8	U	0.88	5.8
1,3,5-Trimethylbenzene		5.8	U	0.58	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		5.8	U	0.56	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	97		59 - 123
1,2-Dichloroethane-d4 (Surr)	108		59 - 132
Toluene-d8 (Surr)	89		50 - 118
4-Bromofluorobenzene	101		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B5 (10')

Lab Sample ID: 220-15461-5 Date Sampled: 05/09/2011 1030
Client Matrix: Solid % Moisture: 13.4 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3944.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1644			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1644				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.8	U	0.61	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,1-Dichloroethene		5.8	U	0.67	5.8
1,2-Dichlorobenzene		5.8	U	0.28	5.8
1,2-Dichloroethane		5.8	U	0.67	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.45	5.8
1,3-Dichlorobenzene		5.8	U	0.24	5.8
1,4-Dichlorobenzene		5.8	U	0.77	5.8
1,4-Dioxane		230	U	55	230
Acetone		4.0	J	2.6	23
Benzene		5.8	U	0.66	5.8
n-Butylbenzene		5.8	U	1.3	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.68	5.8
Chloroform		5.8	U	0.39	5.8
Ethylbenzene		5.8	U	0.81	5.8
Methyl Ethyl Ketone		12	U	1.8	12
Methyl tert-butyl ether		5.8	U	0.24	5.8
Methylene Chloride		6.2	J B	1.3	23
N-Propylbenzene		5.8	U	0.70	5.8
sec-Butylbenzene		5.8	U	0.61	5.8
tert-Butylbenzene		5.8	U	0.33	5.8
Tetrachloroethene		5.8	U	0.94	5.8
Toluene		5.8	U	0.085	5.8
Trichloroethene		5.8	U	0.94	5.8
1,2,4-Trimethylbenzene		5.8	U	0.88	5.8
1,3,5-Trimethylbenzene		5.8	U	0.58	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		5.8	U	0.56	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	99		59 - 123
1,2-Dichloroethane-d4 (Surr)	112		59 - 132
Toluene-d8 (Surr)	90		50 - 118
4-Bromofluorobenzene	101		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B13 (10')

Lab Sample ID: 220-15461-6 Date Sampled: 05/09/2011 1110
Client Matrix: Solid % Moisture: 15.7 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3945.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1709			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1709				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.9	U	0.63	5.9
1,1-Dichloroethane		5.9	U	0.36	5.9
1,1-Dichloroethene		5.9	U	0.69	5.9
1,2-Dichlorobenzene		5.9	U	0.28	5.9
1,2-Dichloroethane		5.9	U	0.69	5.9
cis-1,2-Dichloroethene		5.9	U	0.44	5.9
trans-1,2-Dichloroethene		5.9	U	0.46	5.9
1,3-Dichlorobenzene		5.9	U	0.25	5.9
1,4-Dichlorobenzene		5.9	U	0.79	5.9
1,4-Dioxane		240	U	56	240
Acetone		14	J	2.7	24
Benzene		5.9	U	0.68	5.9
n-Butylbenzene		5.9	U	1.3	5.9
Carbon tetrachloride		5.9	U	1.1	5.9
Chlorobenzene		5.9	U	0.70	5.9
Chloroform		5.9	U	0.40	5.9
Ethylbenzene		5.9	U	0.83	5.9
Methyl Ethyl Ketone		12	U	1.9	12
Methyl tert-butyl ether		5.9	U	0.25	5.9
Methylene Chloride		6.1	J B	1.3	24
N-Propylbenzene		5.9	U	0.72	5.9
sec-Butylbenzene		5.9	U	0.63	5.9
tert-Butylbenzene		5.9	U	0.34	5.9
Tetrachloroethene		5.9	U	0.96	5.9
Toluene		5.9	U	0.088	5.9
Trichloroethene		5.9	U	0.96	5.9
1,2,4-Trimethylbenzene		5.9	U	0.90	5.9
1,3,5-Trimethylbenzene		5.9	U	0.59	5.9
Vinyl chloride		5.9	U	0.27	5.9
Xylenes, Total		1.9	J	0.58	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	96		59 - 123
1,2-Dichloroethane-d4 (Surr)	109		59 - 132
Toluene-d8 (Surr)	88		50 - 118
4-Bromofluorobenzene	90		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B14 (12')

Lab Sample ID: 220-15461-7 Date Sampled: 05/09/2011 1140
Client Matrix: Solid % Moisture: 11.9 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3946.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1735			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1735				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.7	U	0.60	5.7
1,1-Dichloroethane		5.7	U	0.34	5.7
1,1-Dichloroethene		5.7	U	0.66	5.7
1,2-Dichlorobenzene		5.7	U	0.27	5.7
1,2-Dichloroethane		5.7	U	0.66	5.7
cis-1,2-Dichloroethene		5.7	U	0.42	5.7
trans-1,2-Dichloroethene		5.7	U	0.44	5.7
1,3-Dichlorobenzene		5.7	U	0.24	5.7
1,4-Dichlorobenzene		5.7	U	0.76	5.7
1,4-Dioxane		230	U	54	230
Acetone		6.4	J	2.5	23
Benzene		5.7	U	0.65	5.7
n-Butylbenzene		5.7	U	1.3	5.7
Carbon tetrachloride		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.67	5.7
Chloroform		5.7	U	0.39	5.7
Ethylbenzene		5.7	U	0.79	5.7
Methyl Ethyl Ketone		11	U	1.8	11
Methyl tert-butyl ether		5.7	U	0.24	5.7
Methylene Chloride		6.4	J B	1.2	23
N-Propylbenzene		5.7	U	0.69	5.7
sec-Butylbenzene		5.7	U	0.60	5.7
tert-Butylbenzene		5.7	U	0.33	5.7
Tetrachloroethene		5.7	U	0.92	5.7
Toluene		5.7	U	0.084	5.7
Trichloroethene		5.7	U	0.92	5.7
1,2,4-Trimethylbenzene		5.7	U	0.86	5.7
1,3,5-Trimethylbenzene		5.7	U	0.57	5.7
Vinyl chloride		5.7	U	0.26	5.7
Xylenes, Total		5.7	U	0.55	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	95		59 - 123
1,2-Dichloroethane-d4 (Surr)	107		59 - 132
Toluene-d8 (Surr)	89		50 - 118
4-Bromofluorobenzene	93		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B15 (9')

Lab Sample ID: 220-15461-8 Date Sampled: 05/09/2011 1435
Client Matrix: Solid % Moisture: 13.4 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3947.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1800			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1800				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.8	U	0.61	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,1-Dichloroethene		5.8	U	0.67	5.8
1,2-Dichlorobenzene		5.8	U	0.28	5.8
1,2-Dichloroethane		5.8	U	0.67	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.45	5.8
1,3-Dichlorobenzene		5.8	U	0.24	5.8
1,4-Dichlorobenzene		5.8	U	0.77	5.8
1,4-Dioxane		230	U	55	230
Acetone		20	J	2.6	23
Benzene		5.8	U	0.66	5.8
n-Butylbenzene		5.8	U	1.3	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.68	5.8
Chloroform		5.8	U	0.39	5.8
Ethylbenzene		5.8	U	0.81	5.8
Methyl Ethyl Ketone		12	U	1.8	12
Methyl tert-butyl ether		5.8	U	0.24	5.8
Methylene Chloride		6.0	J B	1.3	23
N-Propylbenzene		5.8	U	0.70	5.8
sec-Butylbenzene		5.8	U	0.61	5.8
tert-Butylbenzene		5.8	U	0.33	5.8
Tetrachloroethene		5.8	U	0.93	5.8
Toluene		5.8	U	0.085	5.8
Trichloroethene		5.8	U	0.93	5.8
1,2,4-Trimethylbenzene		5.8	U	0.88	5.8
1,3,5-Trimethylbenzene		5.8	U	0.58	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		5.8	U	0.56	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	94		59 - 123
1,2-Dichloroethane-d4 (Surr)	102		59 - 132
Toluene-d8 (Surr)	86		50 - 118
4-Bromofluorobenzene	92		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B16 (9')

Lab Sample ID: 220-15461-9 Date Sampled: 05/09/2011 1400
Client Matrix: Solid % Moisture: 11.3 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3948.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1825			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1825				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.6	U	0.60	5.6
1,1-Dichloroethane		5.6	U	0.34	5.6
1,1-Dichloroethene		5.6	U	0.65	5.6
1,2-Dichlorobenzene		5.6	U	0.27	5.6
1,2-Dichloroethane		5.6	U	0.65	5.6
cis-1,2-Dichloroethene		5.6	U	0.42	5.6
trans-1,2-Dichloroethene		5.6	U	0.44	5.6
1,3-Dichlorobenzene		5.6	U	0.24	5.6
1,4-Dichlorobenzene		5.6	U	0.76	5.6
1,4-Dioxane		230	U	53	230
Acetone		37		2.5	23
Benzene		5.6	U	0.64	5.6
n-Butylbenzene		5.6	U	1.3	5.6
Carbon tetrachloride		5.6	U	1.1	5.6
Chlorobenzene		5.6	U	0.67	5.6
Chloroform		5.6	U	0.38	5.6
Ethylbenzene		5.6	U	0.79	5.6
Methyl Ethyl Ketone		11	U	1.8	11
Methyl tert-butyl ether		5.6	U	0.24	5.6
Methylene Chloride		5.7	J B	1.2	23
N-Propylbenzene		5.6	U	0.69	5.6
sec-Butylbenzene		5.6	U	0.60	5.6
tert-Butylbenzene		5.6	U	0.33	5.6
Tetrachloroethene		5.6	U	0.91	5.6
Toluene		5.6	U	0.083	5.6
Trichloroethene		5.6	U	0.91	5.6
1,2,4-Trimethylbenzene		5.6	U	0.86	5.6
1,3,5-Trimethylbenzene		5.6	U	0.56	5.6
Vinyl chloride		5.6	U	0.26	5.6
Xylenes, Total		5.6	U	0.55	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	91		59 - 123
1,2-Dichloroethane-d4 (Surr)	102		59 - 132
Toluene-d8 (Surr)	82		50 - 118
4-Bromofluorobenzene	81		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B17 (9')

Lab Sample ID: 220-15461-10 Date Sampled: 05/09/2011 1335
Client Matrix: Solid % Moisture: 9.1 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3949.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1851			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1851				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.5	U	0.58	5.5
1,1-Dichloroethane		5.5	U	0.33	5.5
1,1-Dichloroethene		5.5	U	0.64	5.5
1,2-Dichlorobenzene		5.5	U	0.26	5.5
1,2-Dichloroethane		5.5	U	0.64	5.5
cis-1,2-Dichloroethene		5.5	U	0.41	5.5
trans-1,2-Dichloroethene		5.5	U	0.43	5.5
1,3-Dichlorobenzene		5.5	U	0.23	5.5
1,4-Dichlorobenzene		5.5	U	0.74	5.5
1,4-Dioxane		220	U	52	220
Acetone		57		2.5	22
Benzene		5.5	U	0.63	5.5
n-Butylbenzene		5.5	U	1.2	5.5
Carbon tetrachloride		5.5	U	1.0	5.5
Chlorobenzene		5.5	U	0.65	5.5
Chloroform		5.5	U	0.37	5.5
Ethylbenzene		5.5	U	0.77	5.5
Methyl Ethyl Ketone		19		1.8	11
Methyl tert-butyl ether		5.5	U	0.23	5.5
Methylene Chloride		4.7	J B	1.2	22
N-Propylbenzene		0.92	J	0.67	5.5
sec-Butylbenzene		51		0.58	5.5
tert-Butylbenzene		5.5	U	0.32	5.5
Tetrachloroethene		5.5	U	0.89	5.5
Toluene		5.5	U	0.081	5.5
Trichloroethene		5.5	U	0.89	5.5
1,2,4-Trimethylbenzene		5.5	U	0.84	5.5
1,3,5-Trimethylbenzene		5.5	U	0.55	5.5
Vinyl chloride		5.5	U	0.25	5.5
Xylenes, Total		5.5	U	0.53	5.5

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	79		59 - 123
1,2-Dichloroethane-d4 (Surr)	90		59 - 132
Toluene-d8 (Surr)	61		50 - 118
4-Bromofluorobenzene	99		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B18 (7')

Lab Sample ID: 220-15461-11 Date Sampled: 05/09/2011 1305
Client Matrix: Solid % Moisture: 13.3 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3950.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1916			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1916				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.8	U	0.61	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,1-Dichloroethene		5.8	U	0.67	5.8
1,2-Dichlorobenzene		5.8	U	0.28	5.8
1,2-Dichloroethane		5.8	U	0.67	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.45	5.8
1,3-Dichlorobenzene		5.8	U	0.24	5.8
1,4-Dichlorobenzene		5.8	U	0.77	5.8
1,4-Dioxane		230	U	55	230
Acetone		23	U	2.6	23
Benzene		0.87	J	0.66	5.8
n-Butylbenzene		5.8	U	1.3	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.68	5.8
Chloroform		5.8	U	0.39	5.8
Ethylbenzene		5.8	U	0.81	5.8
Methyl Ethyl Ketone		12	U	1.8	12
Methyl tert-butyl ether		5.8	U	0.24	5.8
Methylene Chloride		5.4	J B	1.3	23
N-Propylbenzene		5.8	U	0.70	5.8
sec-Butylbenzene		5.8	U	0.61	5.8
tert-Butylbenzene		5.8	U	0.33	5.8
Tetrachloroethene		5.8	U	0.93	5.8
Toluene		1.3	J	0.085	5.8
Trichloroethene		5.8	U	0.93	5.8
1,2,4-Trimethylbenzene		5.8	U	0.88	5.8
1,3,5-Trimethylbenzene		5.8	U	0.58	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		5.8	U	0.56	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	81		59 - 123
1,2-Dichloroethane-d4 (Surr)	81		59 - 132
Toluene-d8 (Surr)	69		50 - 118
4-Bromofluorobenzene	57		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B6 (8')

Lab Sample ID: 220-15461-12 Date Sampled: 05/10/2011 1130
Client Matrix: Solid % Moisture: 13.7 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 220-50874 Instrument ID: MSO
Prep Method: 5030B Prep Batch: N/A Lab File ID: O3951.D
Dilution: 1.0 Initial Weight/Volume: 5 g
Analysis Date: 05/12/2011 1941 Final Weight/Volume: 5 mL
Prep Date: 05/12/2011 1941

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.8	U	0.61	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,1-Dichloroethene		5.8	U	0.67	5.8
1,2-Dichlorobenzene		5.8	U	0.28	5.8
1,2-Dichloroethane		5.8	U	0.67	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.45	5.8
1,3-Dichlorobenzene		5.8	U	0.24	5.8
1,4-Dichlorobenzene		5.8	U	0.78	5.8
1,4-Dioxane		230	U	55	230
Acetone		5.5	J	2.6	23
Benzene		5.8	U	0.66	5.8
n-Butylbenzene		5.8	U	1.3	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.68	5.8
Chloroform		5.8	U	0.39	5.8
Ethylbenzene		5.8	U	0.81	5.8
Methyl Ethyl Ketone		12	U	1.8	12
Methyl tert-butyl ether		5.8	U	0.24	5.8
Methylene Chloride		5.8	J B	1.3	23
N-Propylbenzene		5.8	U	0.71	5.8
sec-Butylbenzene		5.8	U	0.61	5.8
tert-Butylbenzene		5.8	U	0.34	5.8
Tetrachloroethene		5.8	U	0.94	5.8
Toluene		0.53	J	0.086	5.8
Trichloroethene		5.8	U	0.94	5.8
1,2,4-Trimethylbenzene		5.8	U	0.88	5.8
1,3,5-Trimethylbenzene		5.8	U	0.58	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		5.8	U	0.56	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	92		59 - 123
1,2-Dichloroethane-d4 (Surr)	90		59 - 132
Toluene-d8 (Surr)	82		50 - 118
4-Bromofluorobenzene	76		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B7 (7')

Lab Sample ID: 220-15461-13 Date Sampled: 05/10/2011 1100
Client Matrix: Solid % Moisture: 13.7 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3952.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 2006			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 2006				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.8	U	0.61	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,1-Dichloroethene		5.8	U	0.67	5.8
1,2-Dichlorobenzene		5.8	U	0.28	5.8
1,2-Dichloroethane		5.8	U	0.67	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.45	5.8
1,3-Dichlorobenzene		5.8	U	0.24	5.8
1,4-Dichlorobenzene		5.8	U	0.78	5.8
1,4-Dioxane		230	U	55	230
Acetone		23	U	2.6	23
Benzene		5.8	U	0.66	5.8
n-Butylbenzene		5.8	U	1.3	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.68	5.8
Chloroform		5.8	U	0.39	5.8
Ethylbenzene		5.8	U	0.81	5.8
Methyl Ethyl Ketone		12	U	1.8	12
Methyl tert-butyl ether		5.8	U	0.24	5.8
Methylene Chloride		4.9	J B	1.3	23
N-Propylbenzene		5.8	U	0.71	5.8
sec-Butylbenzene		5.8	U	0.61	5.8
tert-Butylbenzene		5.8	U	0.34	5.8
Tetrachloroethene		5.8	U	0.94	5.8
Toluene		5.8	U	0.086	5.8
Trichloroethene		5.8	U	0.94	5.8
1,2,4-Trimethylbenzene		5.8	U	0.88	5.8
1,3,5-Trimethylbenzene		5.8	U	0.58	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		5.8	U	0.56	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	79		59 - 123
1,2-Dichloroethane-d4 (Surr)	79		59 - 132
Toluene-d8 (Surr)	68		50 - 118
4-Bromofluorobenzene	56		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B8 (7')

Lab Sample ID: 220-15461-14 Date Sampled: 05/10/2011 1020
Client Matrix: Solid % Moisture: 12.8 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3953.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 2032			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 2032				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.7	U	0.61	5.7
1,1-Dichloroethane		5.7	U	0.34	5.7
1,1-Dichloroethene		5.7	U	0.67	5.7
1,2-Dichlorobenzene		5.7	U	0.28	5.7
1,2-Dichloroethane		5.7	U	0.67	5.7
cis-1,2-Dichloroethene		5.7	U	0.42	5.7
trans-1,2-Dichloroethene		5.7	U	0.45	5.7
1,3-Dichlorobenzene		5.7	U	0.24	5.7
1,4-Dichlorobenzene		5.7	U	0.77	5.7
1,4-Dioxane		230	U	54	230
Acetone		5.7	J	2.6	23
Benzene		5.7	U	0.65	5.7
n-Butylbenzene		5.7	U	1.3	5.7
Carbon tetrachloride		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.68	5.7
Chloroform		5.7	U	0.39	5.7
Ethylbenzene		5.7	U	0.80	5.7
Methyl Ethyl Ketone		11	U	1.8	11
Methyl tert-butyl ether		5.7	U	0.24	5.7
Methylene Chloride		6.9	J B	1.2	23
N-Propylbenzene		5.7	U	0.70	5.7
sec-Butylbenzene		5.7	U	0.61	5.7
tert-Butylbenzene		5.7	U	0.33	5.7
Tetrachloroethene		1.4	J	0.93	5.7
Toluene		0.50	J	0.085	5.7
Trichloroethene		5.7	U	0.93	5.7
1,2,4-Trimethylbenzene		5.7	U	0.87	5.7
1,3,5-Trimethylbenzene		5.7	U	0.57	5.7
Vinyl chloride		5.7	U	0.26	5.7
Xylenes, Total		5.7	U	0.56	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	88		59 - 123
1,2-Dichloroethane-d4 (Surr)	90		59 - 132
Toluene-d8 (Surr)	81		50 - 118
4-Bromofluorobenzene	77		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B9 (6.5')

Lab Sample ID: 220-15461-15 Date Sampled: 05/10/2011 0940
Client Matrix: Solid % Moisture: 17.4 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3954.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 2057			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 2057				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		6.0	U	0.64	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,1-Dichloroethene		6.0	U	0.70	6.0
1,2-Dichlorobenzene		6.0	U	0.29	6.0
1,2-Dichloroethane		6.0	U	0.70	6.0
cis-1,2-Dichloroethene		6.0	U	0.45	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0
1,3-Dichlorobenzene		6.0	U	0.25	6.0
1,4-Dichlorobenzene		6.0	U	0.81	6.0
1,4-Dioxane		240	U	57	240
Acetone		24	U	2.7	24
Benzene		6.0	U	0.69	6.0
n-Butylbenzene		6.0	U	1.4	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroform		6.0	U	0.41	6.0
Ethylbenzene		6.0	U	0.85	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Methyl tert-butyl ether		6.0	U	0.25	6.0
Methylene Chloride		4.4	J B	1.3	24
N-Propylbenzene		6.0	U	0.74	6.0
sec-Butylbenzene		6.0	U	0.64	6.0
tert-Butylbenzene		6.0	U	0.35	6.0
Tetrachloroethene		6.0	U	0.98	6.0
Toluene		6.0	U	0.090	6.0
Trichloroethene		6.0	U	0.98	6.0
1,2,4-Trimethylbenzene		6.0	U	0.92	6.0
1,3,5-Trimethylbenzene		6.0	U	0.60	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		6.0	U	0.59	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	73		59 - 123
1,2-Dichloroethane-d4 (Surr)	74		59 - 132
Toluene-d8 (Surr)	65		50 - 118
4-Bromofluorobenzene	53		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B10 (7')

Lab Sample ID: 220-15461-16 Date Sampled: 05/10/2011 0915
Client Matrix: Solid % Moisture: 13.7 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3955.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 2122			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 2122				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.8	U	0.61	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,1-Dichloroethene		5.8	U	0.67	5.8
1,2-Dichlorobenzene		5.8	U	0.28	5.8
1,2-Dichloroethane		5.8	U	0.67	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.45	5.8
1,3-Dichlorobenzene		5.8	U	0.24	5.8
1,4-Dichlorobenzene		5.8	U	0.78	5.8
1,4-Dioxane		230	U	55	230
Acetone		23	U	2.6	23
Benzene		5.8	U	0.66	5.8
n-Butylbenzene		5.8	U	1.3	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.68	5.8
Chloroform		5.8	U	0.39	5.8
Ethylbenzene		5.8	U	0.81	5.8
Methyl Ethyl Ketone		12	U	1.8	12
Methyl tert-butyl ether		5.8	U	0.24	5.8
Methylene Chloride		5.4	J B	1.3	23
N-Propylbenzene		5.8	U	0.71	5.8
sec-Butylbenzene		5.8	U	0.61	5.8
tert-Butylbenzene		5.8	U	0.34	5.8
Tetrachloroethene		5.8	U	0.94	5.8
Toluene		5.8	U	0.086	5.8
Trichloroethene		5.8	U	0.94	5.8
1,2,4-Trimethylbenzene		5.8	U	0.88	5.8
1,3,5-Trimethylbenzene		5.8	U	0.58	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		5.8	U	0.56	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	78		59 - 123
1,2-Dichloroethane-d4 (Surr)	79		59 - 132
Toluene-d8 (Surr)	56		50 - 118
4-Bromofluorobenzene	35		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B11 (9')

Lab Sample ID: 220-15461-17 Date Sampled: 05/10/2011 0830
Client Matrix: Solid % Moisture: 7.9 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3956.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 2148			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 2148				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.4	U	0.58	5.4
1,1-Dichloroethane		5.4	U	0.33	5.4
1,1-Dichloroethene		5.4	U	0.63	5.4
1,2-Dichlorobenzene		5.4	U	0.26	5.4
1,2-Dichloroethane		5.4	U	0.63	5.4
cis-1,2-Dichloroethene		5.4	U	0.40	5.4
trans-1,2-Dichloroethene		5.4	U	0.42	5.4
1,3-Dichlorobenzene		5.4	U	0.23	5.4
1,4-Dichlorobenzene		5.4	U	0.73	5.4
1,4-Dioxane		220	U	51	220
Acetone		17	J	2.4	22
Benzene		5.4	U	0.62	5.4
n-Butylbenzene		5.4	U	1.2	5.4
Carbon tetrachloride		5.4	U	1.0	5.4
Chlorobenzene		5.4	U	0.64	5.4
Chloroform		5.4	U	0.37	5.4
Ethylbenzene		5.4	U	0.76	5.4
Methyl Ethyl Ketone		11	U	1.7	11
Methyl tert-butyl ether		5.4	U	0.23	5.4
Methylene Chloride		5.5	J B	1.2	22
N-Propylbenzene		5.4	U	0.66	5.4
sec-Butylbenzene		5.4	U	0.58	5.4
tert-Butylbenzene		5.4	U	0.31	5.4
Tetrachloroethene		5.4	U	0.88	5.4
Toluene		5.4	U	0.080	5.4
Trichloroethene		5.4	U	0.88	5.4
1,2,4-Trimethylbenzene		5.4	U	0.82	5.4
1,3,5-Trimethylbenzene		5.4	U	0.54	5.4
Vinyl chloride		5.4	U	0.25	5.4
Xylenes, Total		5.4	U	0.53	5.4

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	89		59 - 123
1,2-Dichloroethane-d4 (Surr)	93		59 - 132
Toluene-d8 (Surr)	83		50 - 118
4-Bromofluorobenzene	91		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B12 (9')

Lab Sample ID: 220-15461-18 Date Sampled: 05/10/2011 0900
Client Matrix: Solid % Moisture: 11.4 Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50874	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3957.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 2213			Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 2213				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		5.6	U	0.60	5.6
1,1-Dichloroethane		5.6	U	0.34	5.6
1,1-Dichloroethene		5.6	U	0.65	5.6
1,2-Dichlorobenzene		5.6	U	0.27	5.6
1,2-Dichloroethane		5.6	U	0.65	5.6
cis-1,2-Dichloroethene		5.6	U	0.42	5.6
trans-1,2-Dichloroethene		5.6	U	0.44	5.6
1,3-Dichlorobenzene		5.6	U	0.24	5.6
1,4-Dichlorobenzene		5.6	U	0.76	5.6
1,4-Dioxane		230	U	54	230
Acetone		64		2.5	23
Benzene		5.6	U	0.64	5.6
n-Butylbenzene		5.6	U	1.3	5.6
Carbon tetrachloride		5.6	U	1.1	5.6
Chlorobenzene		5.6	U	0.67	5.6
Chloroform		5.6	U	0.38	5.6
Ethylbenzene		5.6	U	0.79	5.6
Methyl Ethyl Ketone		11	U	1.8	11
Methyl tert-butyl ether		5.6	U	0.24	5.6
Methylene Chloride		5.6	J B	1.2	23
N-Propylbenzene		5.6	U	0.69	5.6
sec-Butylbenzene		5.6	U	0.60	5.6
tert-Butylbenzene		5.6	U	0.33	5.6
Tetrachloroethene		5.6	U	0.91	5.6
Toluene		5.6	U	0.084	5.6
Trichloroethene		5.6	U	0.91	5.6
1,2,4-Trimethylbenzene		5.6	U	0.86	5.6
1,3,5-Trimethylbenzene		5.6	U	0.56	5.6
Vinyl chloride		5.6	U	0.26	5.6
Xylenes, Total		5.6	U	0.55	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	84		59 - 123
1,2-Dichloroethane-d4 (Surr)	87		59 - 132
Toluene-d8 (Surr)	75		50 - 118
4-Bromofluorobenzene	76		34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: TB

Lab Sample ID: 220-15461-19TB Date Sampled: 05/10/2011 0000
Client Matrix: Water Date Received: 05/11/2011 1820

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-51001	Instrument ID:	MSL
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	L9632.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/16/2011 2341			Final Weight/Volume:	5 mL
Prep Date:	05/16/2011 2341				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichlorobenzene	5.0	U	0.22	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0
1,3-Dichlorobenzene	5.0	U	0.14	5.0
1,4-Dichlorobenzene	5.0	U	0.59	5.0
1,4-Dioxane	50	U *	50	50
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
n-Butylbenzene	5.0	U	0.67	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroform	5.0	U	0.67	5.0
Ethylbenzene	5.0	U	0.87	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Methyl tert-butyl ether	5.0	U	0.17	5.0
Methylene Chloride	5.0	U	0.78	5.0
N-Propylbenzene	5.0	U	0.62	5.0
sec-Butylbenzene	5.0	U	0.79	5.0
tert-Butylbenzene	5.0	U	0.75	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
Trichloroethene	5.0	U	0.62	5.0
1,2,4-Trimethylbenzene	5.0	U	0.64	5.0
1,3,5-Trimethylbenzene	5.0	U	0.53	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	100		68 - 132
1,2-Dichloroethane-d4 (Surr)	88		65 - 136
Toluene-d8 (Surr)	105		63 - 127
4-Bromofluorobenzene	89		51 - 142

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B1 (12')

Lab Sample ID: 220-15461-1 Date Sampled: 05/09/2011 0830
Client Matrix: Solid % Moisture: 18.1 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51048	Instrument ID:	MSA
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	A16199.D
Dilution:	1.0			Initial Weight/Volume:	15.91 g
Analysis Date:	05/19/2011 1350			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		74	J	18	310
Acenaphthylene		28	J	15	310
Anthracene		190	J	12	310
Benzo[a]anthracene		460		11	310
Benzo[a]pyrene		390		8.4	310
Benzo[b]fluoranthene		440		8.3	310
Benzo[g,h,i]perylene		490		20	310
Benzo[k]fluoranthene		160	J	28	310
Chrysene		420		23	310
Dibenz(a,h)anthracene		250	J	24	310
Fluoranthene		860		15	310
Fluorene		110	J	19	310
Indeno[1,2,3-cd]pyrene		530		20	310
Naphthalene		73	J	16	310
Dibenzofuran		61	J	22	310
2-Methylphenol		310	U	19	310
Methylphenol, 3 & 4		310	U	20	310
Pentachlorophenol		770	U	190	770
Phenanthrene		640		15	310
Phenol		310	U	21	310
Pyrene		1100	*	15	310
Hexachlorobenzene		310	U	22	310

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B2 (9')

Lab Sample ID: 220-15461-2 Date Sampled: 05/09/2011 0915
Client Matrix: Solid % Moisture: 16.5 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-50922	Instrument ID:	MSU
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	U5310.D
Dilution:	1.0			Initial Weight/Volume:	15.06 g
Analysis Date:	05/16/2011 1320			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		320		19	320
Acenaphthylene		320	U	16	320
Anthracene		320	U	13	320
Benzo[a]anthracene		320	U	11	320
Benzo[a]pyrene		320	U	8.7	320
Benzo[b]fluoranthene		320	U	8.6	320
Benzo[g,h,i]perylene		320	U	21	320
Benzo[k]fluoranthene		320	U	29	320
Chrysene		320	U	24	320
Dibenz(a,h)anthracene		320	U	25	320
Fluoranthene		320	U	16	320
Fluorene		320	U	19	320
Indeno[1,2,3-cd]pyrene		320	U	21	320
Naphthalene		320	U	17	320
Dibenzofuran		320	U	23	320
2-Methylphenol		320	U	19	320
Methylphenol, 3 & 4		320	U	21	320
Pentachlorophenol		800	U	200	800
Phenanthrene		320	U	16	320
Phenol		320	U	21	320
Pyrene		320	U *	15	320
Hexachlorobenzene		320	U	22	320

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B3 (9')

Lab Sample ID: 220-15461-3 Date Sampled: 05/09/2011 0930
Client Matrix: Solid % Moisture: 14.5 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-50922	Instrument ID:	MSU
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	U5311.D
Dilution:	1.0			Initial Weight/Volume:	15.08 g
Analysis Date:	05/16/2011 1348			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		310	U	19	310
Acenaphthylene		310	U	15	310
Anthracene		310	U	12	310
Benzo[a]anthracene		310	U	11	310
Benzo[a]pyrene		310	U	8.5	310
Benzo[b]fluoranthene		310	U	8.4	310
Benzo[g,h,i]perylene		310	U	20	310
Benzo[k]fluoranthene		310	U	28	310
Chrysene		310	U	23	310
Dibenz(a,h)anthracene		310	U	25	310
Fluoranthene		310	U	16	310
Fluorene		310	U	19	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Naphthalene		310	U	16	310
Dibenzofuran		310	U	22	310
2-Methylphenol		310	U	19	310
Methylphenol, 3 & 4		310	U	21	310
Pentachlorophenol		780	U	190	780
Phenanthrene		310	U	15	310
Phenol		310	U	21	310
Pyrene		310	U *	15	310
Hexachlorobenzene		310	U	22	310

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B4 (9.5')

Lab Sample ID: 220-15461-4 Date Sampled: 05/09/2011 1000
Client Matrix: Solid % Moisture: 13.4 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-50922	Instrument ID:	MSU
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	U5312.D
Dilution:	1.0			Initial Weight/Volume:	15.14 g
Analysis Date:	05/16/2011 1416			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		310	U	18	310
Acenaphthylene		310	U	15	310
Anthracene		310	U	12	310
Benzo[a]anthracene		310	U	11	310
Benzo[a]pyrene		310	U	8.4	310
Benzo[b]fluoranthene		310	U	8.2	310
Benzo[g,h,i]perylene		310	U	20	310
Benzo[k]fluoranthene		310	U	28	310
Chrysene		310	U	23	310
Dibenz(a,h)anthracene		310	U	24	310
Fluoranthene		310	U	15	310
Fluorene		310	U	19	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Naphthalene		310	U	16	310
Dibenzofuran		310	U	22	310
2-Methylphenol		310	U	19	310
Methylphenol, 3 & 4		310	U	20	310
Pentachlorophenol		770	U	190	770
Phenanthrene		310	U	15	310
Phenol		310	U	20	310
Pyrene		310	U *	15	310
Hexachlorobenzene		310	U	21	310

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B5 (10')

Lab Sample ID: 220-15461-5 Date Sampled: 05/09/2011 1030
Client Matrix: Solid % Moisture: 13.4 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51048	Instrument ID:	MSA
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	A16200.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	05/19/2011 1418			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		310	U	18	310
Acenaphthylene		310	U	15	310
Anthracene		27	J	12	310
Benzo[a]anthracene		110	J	11	310
Benzo[a]pyrene		110	J	8.4	310
Benzo[b]fluoranthene		130	J	8.3	310
Benzo[g,h,i]perylene		250	J	20	310
Benzo[k]fluoranthene		58	J	28	310
Chrysene		120	J	23	310
Dibenz(a,h)anthracene		310	U	24	310
Fluoranthene		200	J	15	310
Fluorene		310	U	19	310
Indeno[1,2,3-cd]pyrene		260	J	20	310
Naphthalene		310	U	16	310
Dibenzofuran		310	U	22	310
2-Methylphenol		310	U	19	310
Methylphenol, 3 & 4		310	U	20	310
Pentachlorophenol		770	U	190	770
Phenanthrene		140	J	15	310
Phenol		310	U	21	310
Pyrene		260	J *	15	310
Hexachlorobenzene		310	U	22	310

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B13 (10')

Lab Sample ID: 220-15461-6 Date Sampled: 05/09/2011 1110
Client Matrix: Solid % Moisture: 15.7 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-50922	Instrument ID:	MSU
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	U5313.D
Dilution:	1.0			Initial Weight/Volume:	15.15 g
Analysis Date:	05/16/2011 1444			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		320	U	19	320
Acenaphthylene		320	U	15	320
Anthracene		320	U	12	320
Benzo[a]anthracene		320	U	11	320
Benzo[a]pyrene		320	U	8.6	320
Benzo[b]fluoranthene		320	U	8.5	320
Benzo[g,h,i]perylene		320	U	21	320
Benzo[k]fluoranthene		320	U	28	320
Chrysene		320	U	23	320
Dibenz(a,h)anthracene		320	U	25	320
Fluoranthene		320	U	16	320
Fluorene		320	U	19	320
Indeno[1,2,3-cd]pyrene		320	U	21	320
Naphthalene		320	U	16	320
Dibenzofuran		320	U	22	320
2-Methylphenol		320	U	19	320
Methylphenol, 3 & 4		320	U	21	320
Pentachlorophenol		790	U	190	790
Phenanthrene		320	U	16	320
Phenol		320	U	21	320
Pyrene		320	U *	15	320
Hexachlorobenzene		320	U	22	320

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B14 (12')

Lab Sample ID: 220-15461-7 Date Sampled: 05/09/2011 1140
Client Matrix: Solid % Moisture: 11.9 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-50922	Instrument ID:	MSU
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	U5314.D
Dilution:	1.0			Initial Weight/Volume:	15.30 g
Analysis Date:	05/16/2011 1512			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		300	U	18	300
Acenaphthylene		300	U	15	300
Anthracene		300	U	12	300
Benzo[a]anthracene		300	U	11	300
Benzo[a]pyrene		300	U	8.1	300
Benzo[b]fluoranthene		300	U	8.0	300
Benzo[g,h,i]perylene		300	U	20	300
Benzo[k]fluoranthene		300	U	27	300
Chrysene		300	U	22	300
Dibenz(a,h)anthracene		300	U	24	300
Fluoranthene		300	U	15	300
Fluorene		300	U	18	300
Indeno[1,2,3-cd]pyrene		300	U	19	300
Naphthalene		300	U	16	300
Dibenzofuran		300	U	21	300
2-Methylphenol		300	U	18	300
Methylphenol, 3 & 4		300	U	20	300
Pentachlorophenol		750	U	180	750
Phenanthrene		300	U	15	300
Phenol		300	U	20	300
Pyrene		300	U *	14	300
Hexachlorobenzene		300	U	21	300

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B15 (9')

Lab Sample ID: 220-15461-8 Date Sampled: 05/09/2011 1435
Client Matrix: Solid % Moisture: 13.4 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51017	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	C23378.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	05/19/2011 1049			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		310	U	18	310
Acenaphthylene		310	U	15	310
Anthracene		310	U	12	310
Benzo[a]anthracene		310	U	11	310
Benzo[a]pyrene		310	U	8.4	310
Benzo[b]fluoranthene		310	U	8.3	310
Benzo[g,h,i]perylene		310	U	20	310
Benzo[k]fluoranthene		310	U	28	310
Chrysene		310	U	23	310
Dibenz(a,h)anthracene		310	U	24	310
Fluoranthene		310	U	15	310
Fluorene		310	U	19	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Naphthalene		310	U	16	310
Dibenzofuran		310	U	22	310
2-Methylphenol		310	U	19	310
Methylphenol, 3 & 4		310	U	20	310
Pentachlorophenol		770	U	190	770
Phenanthrene		310	U	15	310
Phenol		310	U	21	310
Pyrene		310	U *	15	310
Hexachlorobenzene		310	U	22	310

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B16 (9')

Lab Sample ID: 220-15461-9 Date Sampled: 05/09/2011 1400
Client Matrix: Solid % Moisture: 11.3 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51129	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	C23389.D
Dilution:	1.0			Initial Weight/Volume:	15.17 g
Analysis Date:	05/20/2011 1408			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		24	J	18	300
Acenaphthylene		31	J	15	300
Anthracene		34	J	12	300
Benzo[a]anthracene		130	J	11	300
Benzo[a]pyrene		170	J	8.1	300
Benzo[b]fluoranthene		250	J	8.0	300
Benzo[g,h,i]perylene		500		20	300
Benzo[k]fluoranthene		77	J	27	300
Chrysene		160	J	22	300
Dibenz(a,h)anthracene		120	J	24	300
Fluoranthene		190	J	15	300
Fluorene		28	J	18	300
Indeno[1,2,3-cd]pyrene		410		20	300
Naphthalene		97	J	16	300
Dibenzofuran		34	J	21	300
2-Methylphenol		300	U	18	300
Methylphenol, 3 & 4		300	U	20	300
Pentachlorophenol		750	U	180	750
Phenanthrene		170	J	15	300
Phenol		300	U	20	300
Pyrene		310	*	14	300
Hexachlorobenzene		300	U	21	300

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B17 (9')

Lab Sample ID: 220-15461-10 Date Sampled: 05/09/2011 1335
Client Matrix: Solid % Moisture: 9.1 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-50922	Instrument ID:	MSU
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	U5316.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	05/16/2011 1609			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		70	J	18	300
Acenaphthylene		300	U	15	300
Anthracene		71	J	12	300
Benzo[a]anthracene		300	U	11	300
Benzo[a]pyrene		300	U	8.0	300
Benzo[b]fluoranthene		300	U	7.9	300
Benzo[g,h,i]perylene		300	U	19	300
Benzo[k]fluoranthene		300	U	27	300
Chrysene		300	U	22	300
Dibenz(a,h)anthracene		300	U	23	300
Fluoranthene		300	U	15	300
Fluorene		220	J	18	300
Indeno[1,2,3-cd]pyrene		300	U	19	300
Naphthalene		300	U	15	300
Dibenzofuran		99	J	21	300
2-Methylphenol		300	U	18	300
Methylphenol, 3 & 4		300	U	19	300
Pentachlorophenol		740	U	180	740
Phenanthrene		540		15	300
Phenol		300	U	20	300
Pyrene		120	J *	14	300
Hexachlorobenzene		300	U	21	300

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B18 (7')

Lab Sample ID: 220-15461-11 Date Sampled: 05/09/2011 1305
Client Matrix: Solid % Moisture: 13.3 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51048	Instrument ID:	MSA
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	A16202.D
Dilution:	1.0			Initial Weight/Volume:	15.30 g
Analysis Date:	05/19/2011 1513			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		310	U	18	310
Acenaphthylene		310	U	15	310
Anthracene		16	J	12	310
Benzo[a]anthracene		110	J	11	310
Benzo[a]pyrene		140	J	8.3	310
Benzo[b]fluoranthene		180	J	8.1	310
Benzo[g,h,i]perylene		330		20	310
Benzo[k]fluoranthene		64	J	27	310
Chrysene		140	J	23	310
Dibenz(a,h)anthracene		200	J	24	310
Fluoranthene		160	J	15	310
Fluorene		310	U	18	310
Indeno[1,2,3-cd]pyrene		320		20	310
Naphthalene		310	U	16	310
Dibenzofuran		310	U	21	310
2-Methylphenol		310	U	18	310
Methylphenol, 3 & 4		310	U	20	310
Pentachlorophenol		760	U	190	760
Phenanthrene		85	J	15	310
Phenol		310	U	20	310
Pyrene		250	J *	14	310
Hexachlorobenzene		310	U	21	310

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B6 (8')

Lab Sample ID: 220-15461-12 Date Sampled: 05/10/2011 1130
Client Matrix: Solid % Moisture: 13.7 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51048	Instrument ID:	MSA
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	A16203.D
Dilution:	1.0			Initial Weight/Volume:	15.17 g
Analysis Date:	05/19/2011 1541			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		310	U	18	310
Acenaphthylene		310	U	15	310
Anthracene		89	J	12	310
Benzo[a]anthracene		390		11	310
Benzo[a]pyrene		280	J	8.4	310
Benzo[b]fluoranthene		320		8.2	310
Benzo[g,h,i]perylene		370		20	310
Benzo[k]fluoranthene		130	J	28	310
Chrysene		360		23	310
Dibenz(a,h)anthracene		230	J	24	310
Fluoranthene		650		15	310
Fluorene		310	U	19	310
Indeno[1,2,3-cd]pyrene		380		20	310
Naphthalene		310	U	16	310
Dibenzofuran		310	U	22	310
2-Methylphenol		310	U	19	310
Methylphenol, 3 & 4		310	U	20	310
Pentachlorophenol		770	U	190	770
Phenanthrene		250	J	15	310
Phenol		310	U	21	310
Pyrene		870	*	15	310
Hexachlorobenzene		310	U	21	310

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B7 (7')

Lab Sample ID: 220-15461-13 Date Sampled: 05/10/2011 1100
Client Matrix: Solid % Moisture: 13.7 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51048	Instrument ID:	MSA
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	A16204.D
Dilution:	1.0			Initial Weight/Volume:	15.15 g
Analysis Date:	05/19/2011 1609			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		71	J	18	310
Acenaphthylene		29	J	15	310
Anthracene		160	J	12	310
Benzo[a]anthracene		560		11	310
Benzo[a]pyrene		500		8.4	310
Benzo[b]fluoranthene		510		8.3	310
Benzo[g,h,i]perylene		610		20	310
Benzo[k]fluoranthene		210	J	28	310
Chrysene		560		23	310
Dibenz(a,h)anthracene		290	J	24	310
Fluoranthene		930		15	310
Fluorene		61	J	19	310
Indeno[1,2,3-cd]pyrene		650		20	310
Naphthalene		27	J	16	310
Dibenzofuran		25	J	22	310
2-Methylphenol		310	U	19	310
Methylphenol, 3 & 4		310	U	20	310
Pentachlorophenol		770	U	190	770
Phenanthrene		910		15	310
Phenol		310	U	21	310
Pyrene		1700	*	15	310
Hexachlorobenzene		310	U	21	310

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B8 (7')

Lab Sample ID: 220-15461-14 Date Sampled: 05/10/2011 1020
Client Matrix: Solid % Moisture: 12.8 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51129	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	C23390.D
Dilution:	1.0			Initial Weight/Volume:	15.31 g
Analysis Date:	05/20/2011 1437			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		39	J	18	300
Acenaphthylene		52	J	15	300
Anthracene		160	J	12	300
Benzo[a]anthracene		780		11	300
Benzo[a]pyrene		820		8.2	300
Benzo[b]fluoranthene		900		8.1	300
Benzo[g,h,i]perylene		1200		20	300
Benzo[k]fluoranthene		360		27	300
Chrysene		790		22	300
Dibenz(a,h)anthracene		320		24	300
Fluoranthene		1200		15	300
Fluorene		39	J	18	300
Indeno[1,2,3-cd]pyrene		1200		20	300
Naphthalene		63	J	16	300
Dibenzofuran		46	J	21	300
2-Methylphenol		300	U	18	300
Methylphenol, 3 & 4		300	U	20	300
Pentachlorophenol		750	U	180	750
Phenanthrene		600		15	300
Phenol		300	U	20	300
Pyrene		1900	*	14	300
Hexachlorobenzene		300	U	21	300

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B9 (6.5')

Lab Sample ID: 220-15461-15 Date Sampled: 05/10/2011 0940
Client Matrix: Solid % Moisture: 17.4 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51129	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	C23391.D
Dilution:	4.0			Initial Weight/Volume:	15.03 g
Analysis Date:	05/20/2011 1506			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		100	J	77	1300
Acenaphthylene		100	J	64	1300
Anthracene		470	J	51	1300
Benzo[a]anthracene		2700		46	1300
Benzo[a]pyrene		1900		35	1300
Benzo[b]fluoranthene		2800		35	1300
Benzo[g,h,i]perylene		2800		85	1300
Benzo[k]fluoranthene		1000	J	120	1300
Chrysene		2800		96	1300
Dibenz(a,h)anthracene		750	J	100	1300
Fluoranthene		7000		65	1300
Fluorene		110	J	78	1300
Indeno[1,2,3-cd]pyrene		2600		85	1300
Naphthalene		84	J	68	1300
Dibenzofuran		1300	U	92	1300
2-Methylphenol		1300	U	78	1300
Methylphenol, 3 & 4		1300	U	85	1300
Pentachlorophenol		3200	U	790	3200
Phenanthrene		1200	J	64	1300
Phenol		1300	U	86	1300
Pyrene		8800	*	61	1300
Hexachlorobenzene		1300	U	90	1300

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B10 (7')

Lab Sample ID: 220-15461-16 Date Sampled: 05/10/2011 0915
Client Matrix: Solid % Moisture: 13.7 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51048	Instrument ID:	MSA
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	A16205.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	05/19/2011 1636			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		25	J	19	310
Acenaphthylene		310	U	15	310
Anthracene		100	J	12	310
Benzo[a]anthracene		650		11	310
Benzo[a]pyrene		640		8.4	310
Benzo[b]fluoranthene		710		8.3	310
Benzo[g,h,i]perylene		800		20	310
Benzo[k]fluoranthene		280	J	28	310
Chrysene		620		23	310
Dibenz(a,h)anthracene		350		25	310
Fluoranthene		1100		16	310
Fluorene		24	J	19	310
Indeno[1,2,3-cd]pyrene		860		20	310
Naphthalene		21	J	16	310
Dibenzofuran		310	U	22	310
2-Methylphenol		310	U	19	310
Methylphenol, 3 & 4		310	U	20	310
Pentachlorophenol		780	U	190	780
Phenanthrene		470		15	310
Phenol		310	U	21	310
Pyrene		1500	*	15	310
Hexachlorobenzene		310	U	22	310

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B11 (9')

Lab Sample ID: 220-15461-17 Date Sampled: 05/10/2011 0830
Client Matrix: Solid % Moisture: 7.9 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51017	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	C23379.D
Dilution:	1.0			Initial Weight/Volume:	15.29 g
Analysis Date:	05/19/2011 1118			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		290	U	17	290
Acenaphthylene		290	U	14	290
Anthracene		290	U	11	290
Benzo[a]anthracene		290	U	10	290
Benzo[a]pyrene		290	U	7.8	290
Benzo[b]fluoranthene		290	U	7.7	290
Benzo[g,h,i]perylene		290	U	19	290
Benzo[k]fluoranthene		290	U	26	290
Chrysene		290	U	21	290
Dibenz(a,h)anthracene		290	U	23	290
Fluoranthene		290	U	14	290
Fluorene		290	U	17	290
Indeno[1,2,3-cd]pyrene		290	U	19	290
Naphthalene		290	U	15	290
Dibenzofuran		290	U	20	290
2-Methylphenol		290	U	17	290
Methylphenol, 3 & 4		290	U	19	290
Pentachlorophenol		710	U	170	710
Phenanthrene		290	U	14	290
Phenol		290	U	19	290
Pyrene		290	U *	14	290
Hexachlorobenzene		290	U	20	290

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B12 (9')

Lab Sample ID: 220-15461-18 Date Sampled: 05/10/2011 0900
Client Matrix: Solid % Moisture: 11.4 Date Received: 05/11/2011 1820

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-51129	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-50794	Lab File ID:	C23388.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	05/20/2011 1339			Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		300	U	18	300
Acenaphthylene		300	U	15	300
Anthracene		300	U	12	300
Benzo[a]anthracene		300	U	11	300
Benzo[a]pyrene		300	U	8.2	300
Benzo[b]fluoranthene		300	U	8.1	300
Benzo[g,h,i]perylene		300	U	20	300
Benzo[k]fluoranthene		300	U	27	300
Chrysene		300	U	22	300
Dibenz(a,h)anthracene		300	U	24	300
Fluoranthene		300	U	15	300
Fluorene		300	U	18	300
Indeno[1,2,3-cd]pyrene		300	U	20	300
Naphthalene		300	U	16	300
Dibenzofuran		300	U	21	300
2-Methylphenol		300	U	18	300
Methylphenol, 3 & 4		300	U	20	300
Pentachlorophenol		750	U	180	750
Phenanthrene		300	U	15	300
Phenol		300	U	20	300
Pyrene		300	U *	14	300
Hexachlorobenzene		300	U	21	300

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B3 (9')

Lab Sample ID: 220-15461-3 Date Sampled: 05/09/2011 0930
Client Matrix: Solid % Moisture: 14.5 Date Received: 05/11/2011 1820

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	220-51301	Instrument ID:	GC8
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1426			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.9	U	0.69	3.9
4,4'-DDE		1.3	J B *	0.78	3.9
4,4'-DDT		3.9	U *	0.95	3.9
Aldrin		2.0	U	0.21	2.0
alpha-BHC		2.0	U	0.28	2.0
beta-BHC		2.0	U	0.44	2.0
alpha-Chlordane		2.0		0.32	2.0
delta-BHC		2.0	U	0.43	2.0
Dieldrin		3.9	U	0.67	3.9
Endosulfan I		2.0	U	0.34	2.0
Endosulfan II		3.9	U	0.73	3.9
Endosulfan sulfate		3.9	U	0.69	3.9
Endrin		3.9	U	0.72	3.9
Heptachlor		0.50	J p B *	0.37	2.0
gamma-BHC (Lindane)		2.0	U	0.34	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	69		24 - 154
DCB Decachlorobiphenyl	94		25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B3 (9')

Lab Sample ID: 220-15461-3 Date Sampled: 05/09/2011 0930
Client Matrix: Solid % Moisture: 14.5 Date Received: 05/11/2011 1820

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	220-51301	Instrument ID:	GC8
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1426			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	67		24 - 154
DCB Decachlorobiphenyl	90		25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B5 (10')

Lab Sample ID: 220-15461-5 Date Sampled: 05/09/2011 1030
Client Matrix: Solid % Moisture: 13.4 Date Received: 05/11/2011 1820

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	220-51301	Instrument ID:	GC8
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.06 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1451			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.8	U	0.68	3.8
4,4'-DDE		1.6	J p B	0.77	3.8
4,4'-DDT		4.9	*	0.93	3.8
Aldrin		2.0	U	0.21	2.0
alpha-BHC		2.0	U	0.28	2.0
beta-BHC		2.0	U	0.43	2.0
alpha-Chlordane		2.0	U	0.32	2.0
delta-BHC		2.0	U	0.42	2.0
Dieldrin		3.8	U	0.66	3.8
Endosulfan I		2.0	U	0.34	2.0
Endosulfan II		3.8	U	0.72	3.8
Endosulfan sulfate		3.8	U	0.68	3.8
Endrin		3.8	U	0.71	3.8
Heptachlor		0.46	J p B *	0.37	2.0
gamma-BHC (Lindane)		2.0	U	0.33	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	81		24 - 154
DCB Decachlorobiphenyl	101		25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B5 (10')

Lab Sample ID: 220-15461-5 Date Sampled: 05/09/2011 1030
Client Matrix: Solid % Moisture: 13.4 Date Received: 05/11/2011 1820

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	220-51301	Instrument ID:	GC8
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.06 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1451			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		24 - 154
DCB Decachlorobiphenyl	93		25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B14 (12')

Lab Sample ID: 220-15461-7 Date Sampled: 05/09/2011 1140
Client Matrix: Solid % Moisture: 11.9 Date Received: 05/11/2011 1820

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	220-51301	Instrument ID:	GC8
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1517			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.7	U	0.67	3.7
4,4'-DDE		1.0	J B *	0.76	3.7
4,4'-DDT		3.7	U *	0.92	3.7
Aldrin		1.9	U	0.21	1.9
alpha-BHC		1.9	U	0.28	1.9
beta-BHC		1.9	U	0.42	1.9
alpha-Chlordane		1.9	U	0.31	1.9
delta-BHC		1.9	U	0.41	1.9
Dieldrin		3.7	U	0.65	3.7
Endosulfan I		1.9	U	0.33	1.9
Endosulfan II		3.7	U	0.71	3.7
Endosulfan sulfate		3.7	U	0.67	3.7
Endrin		3.7	U	0.70	3.7
Heptachlor		0.44	J B *	0.36	1.9
gamma-BHC (Lindane)		1.9	U	0.33	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	59		24 - 154
DCB Decachlorobiphenyl	95		25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B14 (12')

Lab Sample ID: 220-15461-7 Date Sampled: 05/09/2011 1140
Client Matrix: Solid % Moisture: 11.9 Date Received: 05/11/2011 1820

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	220-51301	Instrument ID:	GC8
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1517			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	56		24 - 154
DCB Decachlorobiphenyl	90		25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B9 (6.5')

Lab Sample ID: 220-15461-15 Date Sampled: 05/10/2011 0940
Client Matrix: Solid % Moisture: 17.4 Date Received: 05/11/2011 1820

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	220-51301	Instrument ID:	GC8
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1542			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.5	J p	0.72	4.0
4,4'-DDE		6.0	p B	0.81	4.0
4,4'-DDT		4.0	U *	0.98	4.0
Aldrin		2.1	U	0.22	2.1
alpha-BHC		0.61	J	0.29	2.1
beta-BHC		2.1	U	0.45	2.1
alpha-Chlordane		1.3	J p	0.33	2.1
delta-BHC		2.1	U	0.44	2.1
Dieldrin		3.6	J p	0.69	4.0
Endosulfan I		2.1	U	0.35	2.1
Endosulfan II		4.0	U	0.75	4.0
Endosulfan sulfate		4.0	U	0.72	4.0
Endrin		1.9	J p	0.75	4.0
Heptachlor		2.1	U *	0.39	2.1
gamma-BHC (Lindane)		2.1	U	0.35	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	90		24 - 154
DCB Decachlorobiphenyl	100		25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B9 (6.5')

Lab Sample ID: 220-15461-15 Date Sampled: 05/10/2011 0940
Client Matrix: Solid % Moisture: 17.4 Date Received: 05/11/2011 1820

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	220-51301	Instrument ID:	GC8
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1542			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		24 - 154
DCB Decachlorobiphenyl	76		25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B11 (9')

Lab Sample ID: 220-15461-17 Date Sampled: 05/10/2011 0830
Client Matrix: Solid % Moisture: 7.9 Date Received: 05/11/2011 1820

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	220-51301	Instrument ID:	GC8
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1607			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.6	U	0.64	3.6
4,4'-DDE		1.0	J B	0.73	3.6
4,4'-DDT		3.6	U *	0.88	3.6
Aldrin		1.8	U	0.20	1.8
alpha-BHC		1.8	U	0.26	1.8
beta-BHC		1.8	U	0.41	1.8
alpha-Chlordane		1.8	U	0.30	1.8
delta-BHC		1.8	U	0.40	1.8
Dieldrin		3.6	U	0.62	3.6
Endosulfan I		1.8	U	0.32	1.8
Endosulfan II		3.6	U	0.67	3.6
Endosulfan sulfate		3.6	U	0.64	3.6
Endrin		3.6	U	0.67	3.6
Heptachlor		0.54	J B *	0.35	1.8
gamma-BHC (Lindane)		1.8	U	0.31	1.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		24 - 154
DCB Decachlorobiphenyl	104		25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B11 (9')

Lab Sample ID: 220-15461-17 Date Sampled: 05/10/2011 0830
Client Matrix: Solid % Moisture: 7.9 Date Received: 05/11/2011 1820

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	220-51301	Instrument ID:	GC8
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1607			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	82		24 - 154
DCB Decachlorobiphenyl	99		25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B3 (9')

Lab Sample ID: 220-15461-3 Date Sampled: 05/09/2011 0930
Client Matrix: Solid % Moisture: 14.5 Date Received: 05/11/2011 1820

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	220-51163	Instrument ID:	GC9
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/25/2011 1946			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	1.5	20
PCB-1221		20	U	1.5	20
PCB-1232		20	U	1.5	20
PCB-1242		20	U	1.5	20
PCB-1248		20	U	1.5	20
PCB-1254		20	U	1.7	20
PCB-1260		20	U	1.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	74		24 - 150
DCB Decachlorobiphenyl	92		24 - 150

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B5 (10')

Lab Sample ID: 220-15461-5 Date Sampled: 05/09/2011 1030
Client Matrix: Solid % Moisture: 13.4 Date Received: 05/11/2011 1820

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	220-51163	Instrument ID:	GC9
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.06 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/25/2011 2005			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	1.5	20
PCB-1221		20	U	1.5	20
PCB-1232		20	U	1.5	20
PCB-1242		20	U	1.5	20
PCB-1248		20	U	1.5	20
PCB-1254		20	U	1.7	20
PCB-1260		20	U	1.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	64		24 - 150
DCB Decachlorobiphenyl	26		24 - 150

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B14 (12')

Lab Sample ID: 220-15461-7 Date Sampled: 05/09/2011 1140
Client Matrix: Solid % Moisture: 11.9 Date Received: 05/11/2011 1820

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	220-51163	Instrument ID:	GC9
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/25/2011 2024			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		19	U	1.5	19
PCB-1221		19	U	1.5	19
PCB-1232		19	U	1.5	19
PCB-1242		19	U	1.5	19
PCB-1248		19	U	1.5	19
PCB-1254		19	U	1.6	19
PCB-1260		19	U	1.6	19

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	58		24 - 150
DCB Decachlorobiphenyl	62		24 - 150

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B9 (6.5')

Lab Sample ID: 220-15461-15 Date Sampled: 05/10/2011 0940
Client Matrix: Solid % Moisture: 17.4 Date Received: 05/11/2011 1820

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	220-51274	Instrument ID:	GC9
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1353			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		21	U	1.6	21
PCB-1221		21	U	1.6	21
PCB-1232		21	U	1.6	21
PCB-1242		21	U	1.6	21
PCB-1248		21	U	1.6	21
PCB-1254		160		1.7	21
PCB-1260		56		1.7	21

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	100		24 - 150
DCB Decachlorobiphenyl	105	p	24 - 150

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B9 (6.5')

Lab Sample ID: 220-15461-15 Date Sampled: 05/10/2011 0940
Client Matrix: Solid % Moisture: 17.4 Date Received: 05/11/2011 1820

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	220-51274	Instrument ID:	GC9
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/26/2011 1353			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	87		24 - 150
DCB Decachlorobiphenyl	175	*	24 - 150

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Client Sample ID: B11 (9')

Lab Sample ID: 220-15461-17 Date Sampled: 05/10/2011 0830
Client Matrix: Solid % Moisture: 7.9 Date Received: 05/11/2011 1820

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	220-51163	Instrument ID:	GC9
Prep Method:	3550B	Prep Batch:	220-51079	Initial Weight/Volume:	30.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/25/2011 2102			Injection Volume:	1 uL
Prep Date:	05/20/2011 1342			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		18	U	1.4	18
PCB-1221		18	U	1.4	18
PCB-1232		18	U	1.4	18
PCB-1242		18	U	1.4	18
PCB-1248		18	U	1.4	18
PCB-1254		18	U	1.6	18
PCB-1260		18	U	1.6	18

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		24 - 150
DCB Decachlorobiphenyl	78		24 - 150

General Chemistry

Client Sample ID: **B1 (12')**

Lab Sample ID: 220-15461-1 Date Sampled: 05/09/2011 0830
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1412						DryWt Corrected: N
Percent Solids	81.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1412						DryWt Corrected: N

General Chemistry

Client Sample ID: **B2 (9')**

Lab Sample ID: 220-15461-2 Date Sampled: 05/09/2011 0915
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1412						DryWt Corrected: N
Percent Solids	83.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1412						DryWt Corrected: N

General Chemistry

Client Sample ID: **B3 (9')**

Lab Sample ID: 220-15461-3 Date Sampled: 05/09/2011 0930
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	85.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B4 (9.5')**

Lab Sample ID: 220-15461-4 Date Sampled: 05/09/2011 1000
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	86.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B5 (10')**

Lab Sample ID: 220-15461-5 Date Sampled: 05/09/2011 1030
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	86.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B13 (10')**

Lab Sample ID: 220-15461-6 Date Sampled: 05/09/2011 1110
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	84.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B14 (12')**

Lab Sample ID: 220-15461-7 Date Sampled: 05/09/2011 1140
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	88.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B15 (9')**

Lab Sample ID: 220-15461-8 Date Sampled: 05/09/2011 1435
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	86.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B16 (9')**

Lab Sample ID: 220-15461-9 Date Sampled: 05/09/2011 1400
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	88.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B17 (9')**

Lab Sample ID: 220-15461-10 Date Sampled: 05/09/2011 1335
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	90.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B18 (7')**

Lab Sample ID: 220-15461-11 Date Sampled: 05/09/2011 1305
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	86.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B6 (8')**

Lab Sample ID: 220-15461-12 Date Sampled: 05/10/2011 1130
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	86.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B7 (7')**

Lab Sample ID: 220-15461-13 Date Sampled: 05/10/2011 1100
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	86.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B8 (7')**

Lab Sample ID: 220-15461-14 Date Sampled: 05/10/2011 1020
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	87.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B9 (6.5')**

Lab Sample ID: 220-15461-15 Date Sampled: 05/10/2011 0940
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	17.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	82.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B10 (7')**

Lab Sample ID: 220-15461-16 Date Sampled: 05/10/2011 0915
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	86.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B11 (9')**

Lab Sample ID: 220-15461-17 Date Sampled: 05/10/2011 0830
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	92.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

General Chemistry

Client Sample ID: **B12 (9')**

Lab Sample ID: 220-15461-18 Date Sampled: 05/10/2011 0900
Client Matrix: Solid Date Received: 05/11/2011 1820

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N
Percent Solids	88.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50775	Analysis Date: 05/12/2011 1512						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	RPD of the LCS and LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
GC Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	Surrogate exceeds the control limit
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
	B	The analyte was found in an associated blank, as well as in the sample.

QUALITY CONTROL RESULTS

Client: HDR Engineering, Inc. Job Number: 220-15461-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:220-50874					
LCS 220-50874/2	Lab Control Sample	T	Solid	8260B	
MB 220-50874/3	Method Blank	T	Solid	8260B	
220-15461-1	B1 (12')	T	Solid	8260B	
220-15461-2	B2 (9')	T	Solid	8260B	
220-15461-3	B3 (9')	T	Solid	8260B	
220-15461-4	B4 (9.5')	T	Solid	8260B	
220-15461-5	B5 (10')	T	Solid	8260B	
220-15461-6	B13 (10')	T	Solid	8260B	
220-15461-7	B14 (12')	T	Solid	8260B	
220-15461-8	B15 (9')	T	Solid	8260B	
220-15461-9	B16 (9')	T	Solid	8260B	
220-15461-10	B17 (9')	T	Solid	8260B	
220-15461-11	B18 (7')	T	Solid	8260B	
220-15461-12	B6 (8')	T	Solid	8260B	
220-15461-13	B7 (7')	T	Solid	8260B	
220-15461-14	B8 (7')	T	Solid	8260B	
220-15461-15	B9 (6.5')	T	Solid	8260B	
220-15461-16	B10 (7')	T	Solid	8260B	
220-15461-17	B11 (9')	T	Solid	8260B	
220-15461-18	B12 (9')	T	Solid	8260B	
Analysis Batch:220-51001					
LCS 220-51001/2	Lab Control Sample	T	Water	8260B	
MB 220-51001/4	Method Blank	T	Water	8260B	
220-15461-19TB	TB	T	Water	8260B	

Report Basis
T = Total

Client: HDR Engineering, Inc. Job Number: 220-15461-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 220-50794					
LCS 220-50794/2-A	Lab Control Sample	T	Solid	3541	
MB 220-50794/1-A	Method Blank	T	Solid	3541	
220-15461-1	B1 (12')	T	Solid	3541	
220-15461-2	B2 (9')	T	Solid	3541	
220-15461-3	B3 (9')	T	Solid	3541	
220-15461-4	B4 (9.5')	T	Solid	3541	
220-15461-5	B5 (10')	T	Solid	3541	
220-15461-6	B13 (10')	T	Solid	3541	
220-15461-7	B14 (12')	T	Solid	3541	
220-15461-8	B15 (9')	T	Solid	3541	
220-15461-9	B16 (9')	T	Solid	3541	
220-15461-10	B17 (9')	T	Solid	3541	
220-15461-11	B18 (7')	T	Solid	3541	
220-15461-12	B6 (8')	T	Solid	3541	
220-15461-13	B7 (7')	T	Solid	3541	
220-15461-14	B8 (7')	T	Solid	3541	
220-15461-15	B9 (6.5')	T	Solid	3541	
220-15461-16	B10 (7')	T	Solid	3541	
220-15461-17	B11 (9')	T	Solid	3541	
220-15461-18	B12 (9')	T	Solid	3541	
Analysis Batch:220-50922					
LCS 220-50794/2-A	Lab Control Sample	T	Solid	8270C	220-50794
MB 220-50794/1-A	Method Blank	T	Solid	8270C	220-50794
220-15461-2	B2 (9')	T	Solid	8270C	220-50794
220-15461-3	B3 (9')	T	Solid	8270C	220-50794
220-15461-4	B4 (9.5')	T	Solid	8270C	220-50794
220-15461-6	B13 (10')	T	Solid	8270C	220-50794
220-15461-7	B14 (12')	T	Solid	8270C	220-50794
220-15461-10	B17 (9')	T	Solid	8270C	220-50794
Analysis Batch:220-51017					
220-15461-8	B15 (9')	T	Solid	8270C	220-50794
220-15461-17	B11 (9')	T	Solid	8270C	220-50794
Analysis Batch:220-51048					
220-15461-1	B1 (12')	T	Solid	8270C	220-50794
220-15461-5	B5 (10')	T	Solid	8270C	220-50794
220-15461-11	B18 (7')	T	Solid	8270C	220-50794
220-15461-12	B6 (8')	T	Solid	8270C	220-50794
220-15461-13	B7 (7')	T	Solid	8270C	220-50794
220-15461-16	B10 (7')	T	Solid	8270C	220-50794

Client: HDR Engineering, Inc. Job Number: 220-15461-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:220-51129					
220-15461-9	B16 (9')	T	Solid	8270C	220-50794
220-15461-14	B8 (7')	T	Solid	8270C	220-50794
220-15461-15	B9 (6.5')	T	Solid	8270C	220-50794
220-15461-18	B12 (9')	T	Solid	8270C	220-50794
GC Semi VOA					
Prep Batch: 220-51079					
LCS 220-51079/2-A	Lab Control Sample	T	Solid	3550B	
LCS 220-51079/3-A	Lab Control Sample	T	Solid	3550B	
MB 220-51079/1-A	Method Blank	T	Solid	3550B	
220-15461-3	B3 (9')	T	Solid	3550B	
220-15461-5	B5 (10')	T	Solid	3550B	
220-15461-7	B14 (12')	T	Solid	3550B	
220-15461-15	B9 (6.5')	T	Solid	3550B	
220-15461-17	B11 (9')	T	Solid	3550B	
Analysis Batch:220-51163					
LCS 220-51079/3-A	Lab Control Sample	T	Solid	8082	220-51079
MB 220-51079/1-A	Method Blank	T	Solid	8082	220-51079
220-15461-3	B3 (9')	T	Solid	8082	220-51079
220-15461-5	B5 (10')	T	Solid	8082	220-51079
220-15461-7	B14 (12')	T	Solid	8082	220-51079
220-15461-17	B11 (9')	T	Solid	8082	220-51079
Analysis Batch:220-51274					
220-15461-15	B9 (6.5')	T	Solid	8082	220-51079
Analysis Batch:220-51301					
LCS 220-51079/2-A	Lab Control Sample	T	Solid	8081A	220-51079
MB 220-51079/1-A	Method Blank	T	Solid	8081A	220-51079
220-15461-3	B3 (9')	T	Solid	8081A	220-51079
220-15461-5	B5 (10')	T	Solid	8081A	220-51079
220-15461-7	B14 (12')	T	Solid	8081A	220-51079
220-15461-15	B9 (6.5')	T	Solid	8081A	220-51079
220-15461-17	B11 (9')	T	Solid	8081A	220-51079

Report Basis
T = Total

Report Basis
T = Total

Client: HDR Engineering, Inc. Job Number: 220-15461-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:220-50775					
220-15461-1	B1 (12')	T	Solid	Moisture	
220-15461-2	B2 (9')	T	Solid	Moisture	
220-15461-3	B3 (9')	T	Solid	Moisture	
220-15461-4	B4 (9.5')	T	Solid	Moisture	
220-15461-5	B5 (10')	T	Solid	Moisture	
220-15461-6	B13 (10')	T	Solid	Moisture	
220-15461-7	B14 (12')	T	Solid	Moisture	
220-15461-8	B15 (9')	T	Solid	Moisture	
220-15461-9	B16 (9')	T	Solid	Moisture	
220-15461-9DU	Duplicate	T	Solid	Moisture	
220-15461-10	B17 (9')	T	Solid	Moisture	
220-15461-11	B18 (7')	T	Solid	Moisture	
220-15461-12	B6 (8')	T	Solid	Moisture	
220-15461-13	B7 (7')	T	Solid	Moisture	
220-15461-14	B8 (7')	T	Solid	Moisture	
220-15461-15	B9 (6.5')	T	Solid	Moisture	
220-15461-16	B10 (7')	T	Solid	Moisture	
220-15461-17	B11 (9')	T	Solid	Moisture	
220-15461-18	B12 (9')	T	Solid	Moisture	

Report Basis
T = Total

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
220-15461-1	B1 (12')	100	105	93	103
220-15461-2	B2 (9')	99	106	93	106
220-15461-3	B3 (9')	94	105	90	103
220-15461-4	B4 (9.5')	97	108	89	101
220-15461-5	B5 (10')	99	112	90	101
220-15461-6	B13 (10')	96	109	88	90
220-15461-7	B14 (12')	95	107	89	93
220-15461-8	B15 (9')	94	102	86	92
220-15461-9	B16 (9')	91	102	82	81
220-15461-10	B17 (9')	79	90	61	99
220-15461-11	B18 (7')	81	81	69	57
220-15461-12	B6 (8')	92	90	82	76
220-15461-13	B7 (7')	79	79	68	56
220-15461-14	B8 (7')	88	90	81	77
220-15461-15	B9 (6.5')	73	74	65	53
220-15461-16	B10 (7')	78	79	56	35
220-15461-17	B11 (9')	89	93	83	91
220-15461-18	B12 (9')	84	87	75	76
MB 220-50874/3		96	102	93	102
LCS 220-50874/2		98	109	91	94

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	59-123
DCA = 1,2-Dichloroethane-d4 (Surr)	59-132
TOL = Toluene-d8 (Surr)	50-118
BFB = 4-Bromofluorobenzene	34-124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
220-15461-19	TB	100	88	105	89
MB 220-51001/4		89	81	96	83
LCS 220-51001/2		86	79	93	79

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Surrogate Recovery Report

8081A Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
220-15461-3	B3 (9')	67	69	90	94
220-15461-5	B5 (10')	78	81	101	93
220-15461-7	B14 (12')	56	59	90	95
220-15461-15	B9 (6.5')	72	90	76	100
220-15461-17	B11 (9')	82	84	99	104
MB 220-51079/1-A		86	89	124	133
LCS 220-51079/2-A		93	95	102	107

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	24-154
DCB = DCB Decachlorobiphenyl	25-159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
220-15461-3	B3 (9')		74		92
220-15461-5	B5 (10')		64		26
220-15461-7	B14 (12')		58		62
220-15461-15	B9 (6.5')	100	87	175*	105p
220-15461-17	B11 (9')		71		78
MB 220-51079/1-A			57		89
LCS 220-51079/3-A			101		112

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	24-150
DCB = DCB Decachlorobiphenyl	24-150

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Method Blank - Batch: 220-50874

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-50874/3	Analysis Batch:	220-50874	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O3936.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1301	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1301				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	5.0	U	0.53	5.0
1,1-Dichloroethane	5.0	U	0.30	5.0
1,1-Dichloroethene	5.0	U	0.58	5.0
1,2-Dichlorobenzene	5.0	U	0.24	5.0
1,2-Dichloroethane	5.0	U	0.58	5.0
cis-1,2-Dichloroethene	5.0	U	0.37	5.0
trans-1,2-Dichloroethene	5.0	U	0.39	5.0
1,3-Dichlorobenzene	5.0	U	0.21	5.0
1,4-Dichlorobenzene	5.0	U	0.67	5.0
1,4-Dioxane	200	U	47	200
Acetone	20	U	2.2	20
Benzene	5.0	U	0.57	5.0
n-Butylbenzene	5.0	U	1.1	5.0
Carbon tetrachloride	5.0	U	0.95	5.0
Chlorobenzene	5.0	U	0.59	5.0
Chloroform	5.0	U	0.34	5.0
Ethylbenzene	5.0	U	0.70	5.0
Methyl Ethyl Ketone	10	U	1.6	10
Methyl tert-butyl ether	5.0	U	0.21	5.0
Methylene Chloride	6.37	J	1.1	20
N-Propylbenzene	5.0	U	0.61	5.0
sec-Butylbenzene	5.0	U	0.53	5.0
tert-Butylbenzene	5.0	U	0.29	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.074	5.0
Trichloroethene	5.0	U	0.81	5.0
1,2,4-Trimethylbenzene	5.0	U	0.76	5.0
1,3,5-Trimethylbenzene	5.0	U	0.50	5.0
Vinyl chloride	5.0	U	0.23	5.0
Xylenes, Total	5.0	U	0.49	5.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	96	59 - 123
1,2-Dichloroethane-d4 (Surr)	102	59 - 132
Toluene-d8 (Surr)	93	50 - 118
4-Bromofluorobenzene	102	34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Control Sample - Batch: 220-50874

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-50874/2	Analysis Batch:	220-50874	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O3934.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/12/2011 1145	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	05/12/2011 1145				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	21.2	106	80 - 136	
1,1-Dichloroethane	20.0	21.3	106	78 - 130	
1,1-Dichloroethene	20.0	19.7	99	80 - 144	
1,2-Dichlorobenzene	20.0	19.9	99	66 - 120	
1,2-Dichloroethane	20.0	22.8	114	76 - 130	
cis-1,2-Dichloroethene	20.0	21.3	107	80 - 122	
trans-1,2-Dichloroethene	20.0	20.1	101	50 - 149	
1,3-Dichlorobenzene	20.0	20.0	100	64 - 120	
1,4-Dichlorobenzene	20.0	20.0	100	67 - 120	
Acetone	20.0	21.4	107	80 - 150	
Benzene	20.0	21.2	106	80 - 133	
n-Butylbenzene	20.0	19.4	97	58 - 120	
Carbon tetrachloride	20.0	21.0	105	80 - 137	
Chlorobenzene	20.0	19.7	98	73 - 120	
Chloroform	20.0	22.1	110	74 - 142	
Ethylbenzene	20.0	20.6	103	72 - 120	
Methyl Ethyl Ketone	20.0	21.0	105	80 - 150	
Methyl tert-butyl ether	20.0	21.4	107	88 - 148	
Methylene Chloride	20.0	25.2	126	68 - 147	
N-Propylbenzene	20.0	20.5	103	63 - 120	
sec-Butylbenzene	20.0	20.7	103	65 - 120	
tert-Butylbenzene	20.0	20.3	101	66 - 120	
Tetrachloroethene	20.0	19.3	97	67 - 120	
Toluene	20.0	19.3	97	65 - 121	
Trichloroethene	20.0	21.4	107	71 - 129	
1,2,4-Trimethylbenzene	20.0	21.0	105	63 - 120	
1,3,5-Trimethylbenzene	20.0	20.9	105	62 - 120	
Vinyl chloride	20.0	18.7	93	70 - 137	
Xylenes, Total	60.0	61.4	102	71 - 120	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	98	59 - 123
1,2-Dichloroethane-d4 (Surr)	109	59 - 132
Toluene-d8 (Surr)	91	50 - 118
4-Bromofluorobenzene	94	34 - 124

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Method Blank - Batch: 220-51001

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-51001/4	Analysis Batch:	220-51001	Instrument ID:	MSL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	L9628.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/16/2011 2151	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/16/2011 2151				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichlorobenzene	5.0	U	0.22	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0
1,3-Dichlorobenzene	5.0	U	0.14	5.0
1,4-Dichlorobenzene	5.0	U	0.59	5.0
1,4-Dioxane	50	U	50	50
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
n-Butylbenzene	5.0	U	0.67	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroform	5.0	U	0.67	5.0
Ethylbenzene	5.0	U	0.87	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Methyl tert-butyl ether	5.0	U	0.17	5.0
Methylene Chloride	5.0	U	0.78	5.0
N-Propylbenzene	5.0	U	0.62	5.0
sec-Butylbenzene	5.0	U	0.79	5.0
tert-Butylbenzene	5.0	U	0.75	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
Trichloroethene	5.0	U	0.62	5.0
1,2,4-Trimethylbenzene	5.0	U	0.64	5.0
1,3,5-Trimethylbenzene	5.0	U	0.53	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	89	68 - 132
1,2-Dichloroethane-d4 (Surr)	81	65 - 136
Toluene-d8 (Surr)	96	63 - 127
4-Bromofluorobenzene	83	51 - 142

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Control Sample - Batch: 220-51001

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-51001/2	Analysis Batch:	220-51001	Instrument ID:	MSL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	L9625.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/16/2011 2028	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/16/2011 2028				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	21.3	107	73 - 135	
1,1-Dichloroethane	20.0	19.4	97	75 - 130	
1,1-Dichloroethene	20.0	19.0	95	65 - 142	
1,2-Dichlorobenzene	20.0	18.7	94	66 - 120	
1,2-Dichloroethane	20.0	20.1	100	73 - 127	
cis-1,2-Dichloroethene	20.0	19.6	98	65 - 120	
trans-1,2-Dichloroethene	20.0	19.0	95	58 - 120	
1,3-Dichlorobenzene	20.0	18.8	94	63 - 120	
1,4-Dichlorobenzene	20.0	19.1	96	75 - 120	
Acetone	20.0	17.7	88	41 - 150	
Benzene	20.0	19.0	95	66 - 131	
n-Butylbenzene	20.0	16.9	85	35 - 124	
Carbon tetrachloride	20.0	21.5	107	69 - 135	
Chlorobenzene	20.0	18.8	94	68 - 120	
Chloroform	20.0	19.3	97	77 - 126	
Ethylbenzene	20.0	18.6	93	62 - 120	
Methyl Ethyl Ketone	20.0	18.9	94	42 - 150	
Methyl tert-butyl ether	20.0	20.3	102	79 - 122	
Methylene Chloride	20.0	18.9	94	56 - 138	
N-Propylbenzene	20.0	18.0	90	54 - 120	
sec-Butylbenzene	20.0	18.8	94	52 - 124	
tert-Butylbenzene	20.0	18.8	94	50 - 121	
Tetrachloroethene	20.0	21.6	108	50 - 120	
Toluene	20.0	18.6	93	66 - 120	
Trichloroethene	20.0	20.4	102	60 - 122	
1,2,4-Trimethylbenzene	20.0	18.8	94	52 - 120	
1,3,5-Trimethylbenzene	20.0	18.3	92	50 - 120	
Vinyl chloride	20.0	18.6	93	61 - 150	
Xylenes, Total	60.0	57.6	96	58 - 120	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	86	68 - 132
1,2-Dichloroethane-d4 (Surr)	79	65 - 136
Toluene-d8 (Surr)	93	63 - 127
4-Bromofluorobenzene	79	51 - 142

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Method Blank - Batch: 220-50794 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 220-50794/1-A	Analysis Batch:	220-50922	Instrument ID:	MSU
Client Matrix:	Solid	Prep Batch:	220-50794	Lab File ID:	U5308.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	05/16/2011 1224	Units:	ug/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	270	U	16	270
Acenaphthylene	270	U	13	270
Anthracene	270	U	11	270
Benzo[a]anthracene	270	U	9.6	270
Benzo[a]pyrene	270	U	7.3	270
Benzo[b]fluoranthene	270	U	7.2	270
Benzo[g,h,i]perylene	270	U	18	270
Benzo[k]fluoranthene	270	U	24	270
Chrysene	270	U	20	270
Dibenz(a,h)anthracene	270	U	21	270
Fluoranthene	270	U	13	270
Fluorene	270	U	16	270
Indeno[1,2,3-cd]pyrene	270	U	18	270
Naphthalene	270	U	14	270
Dibenzofuran	270	U	19	270
2-Methylphenol	270	U	16	270
Methylphenol, 3 & 4	270	U	18	270
Pentachlorophenol	670	U	160	670
Phenanthrene	270	U	13	270
Phenol	270	U	18	270
Pyrene	270	U	13	270
Hexachlorobenzene	270	U	19	270

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Control Sample - Batch: 220-50794

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 220-50794/2-A	Analysis Batch:	220-50922	Instrument ID:	MSU
Client Matrix:	Solid	Prep Batch:	220-50794	Lab File ID:	U5309.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	05/16/2011 1252	Units:	ug/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	05/12/2011 1718			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	2670	2150	80	57 - 120	
Acenaphthylene	2670	2150	81	57 - 120	
Anthracene	2670	2230	84	58 - 120	
Benzo[a]anthracene	2670	2220	83	58 - 120	
Benzo[a]pyrene	2670	2110	79	44 - 120	
Benzo[b]fluoranthene	2670	2220	83	54 - 120	
Benzo[g,h,i]perylene	2670	2160	81	37 - 120	
Benzo[k]fluoranthene	2670	2200	82	53 - 120	
Chrysene	2670	2250	84	57 - 120	
Dibenz(a,h)anthracene	2670	2010	75	39 - 120	
Fluoranthene	2670	2070	78	57 - 120	
Fluorene	2670	2380	89	58 - 120	
Indeno[1,2,3-cd]pyrene	2670	1930	72	37 - 120	
Naphthalene	2670	2140	80	55 - 120	
Dibenzofuran	2670	2160	81	57 - 120	
2-Methylphenol	2670	2160	81	53 - 120	
Methylphenol, 3 & 4	5330	4520	85	54 - 120	
Pentachlorophenol	2670	2180	82	52 - 120	
Phenanthrene	2670	2220	83	58 - 120	
Phenol	2670	2050	77	51 - 120	
Pyrene	2670	3270	123	54 - 121	*
Hexachlorobenzene	2670	2200	83	56 - 120	

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Method Blank - Batch: 220-51079

Method: 8081A
Preparation: 3550B

Lab Sample ID:	MB 220-51079/1-A	Analysis Batch:	220-51301	Instrument ID:	GC8
Client Matrix:	Solid	Prep Batch:	220-51079	Lab File ID:	C8689016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	05/26/2011 1335	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/20/2011 1342			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	3.3	U	0.59	3.3
4,4'-DDE	0.920	J	0.67	3.3
4,4'-DDT	3.3	U	0.81	3.3
Aldrin	1.7	U	0.18	1.7
alpha-BHC	1.7	U	0.24	1.7
beta-BHC	1.7	U	0.37	1.7
alpha-Chlordane	1.7	U	0.28	1.7
delta-BHC	1.7	U	0.37	1.7
Dieldrin	3.3	U	0.57	3.3
Endosulfan I	1.7	U	0.29	1.7
Endosulfan II	3.3	U	0.62	3.3
Endosulfan sulfate	3.3	U	0.59	3.3
Endrin	3.3	U	0.62	3.3
Heptachlor	0.491	J	0.32	1.7
gamma-BHC (Lindane)	1.7	U	0.29	1.7

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	89	24 - 154
DCB Decachlorobiphenyl	133	25 - 159

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	86	24 - 154
DCB Decachlorobiphenyl	124	25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Lab Control Sample - Batch: 220-51079

Method: 8081A
Preparation: 3550B

Lab Sample ID:	LCS 220-51079/2-A	Analysis Batch:	220-51301	Instrument ID:	GC8
Client Matrix:	Solid	Prep Batch:	220-51079	Lab File ID:	D8689017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	05/26/2011 1401	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/20/2011 1342			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	6.67	6.09	91	17 - 117	
4,4'-DDE	6.67	7.79	117	28 - 111	*
4,4'-DDT	6.67	10.7	160	25 - 114	*
Aldrin	6.67	6.11	92	16 - 110	
alpha-BHC	6.67	4.45	67	22 - 112	
beta-BHC	6.67	3.59	54	25 - 118	
alpha-Chlordane	6.67	6.23	93	25 - 115	
delta-BHC	6.67	3.26	49	16 - 110	
Dieldrin	6.67	5.30	80	21 - 120	
Endosulfan I	6.67	5.85	88	23 - 115	
Endosulfan II	6.67	3.47	52	27 - 117	
Endosulfan sulfate	6.67	2.07	31	26 - 110	J
Endrin	6.67	5.88	88	25 - 119	
Heptachlor	6.67	8.71	131	21 - 115	*
gamma-BHC (Lindane)	6.67	3.78	57	18 - 115	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	95	24 - 154
DCB Decachlorobiphenyl	107	25 - 159

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	93	24 - 154
DCB Decachlorobiphenyl	102	25 - 159

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Method Blank - Batch: 220-51079

Method: 8082
Preparation: 3550B

Lab Sample ID:	MB 220-51079/1-A	Analysis Batch:	220-51163	Instrument ID:	GC9
Client Matrix:	Solid	Prep Batch:	220-51079	Lab File ID:	D9151016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	05/25/2011 1849	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/20/2011 1342			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	17	U	1.3	17
PCB-1221	17	U	1.3	17
PCB-1232	17	U	1.3	17
PCB-1242	17	U	1.3	17
PCB-1248	17	U	1.3	17
PCB-1254	17	U	1.4	17
PCB-1260	17	U	1.4	17

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	57	24 - 150
DCB Decachlorobiphenyl	89	24 - 150

Lab Control Sample - Batch: 220-51079

Method: 8082
Preparation: 3550B

Lab Sample ID:	LCS 220-51079/3-A	Analysis Batch:	220-51163	Instrument ID:	GC9
Client Matrix:	Solid	Prep Batch:	220-51079	Lab File ID:	D9151017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	05/25/2011 1908	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	05/20/2011 1342			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	167	178	107	45 - 130	
PCB-1260	167	147	88	41 - 127	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	101	24 - 150
DCB Decachlorobiphenyl	112	24 - 150

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Duplicate - Batch: 220-50775

Method: Moisture
Preparation: N/A

Lab Sample ID:	220-15461-9	Analysis Batch:	220-50775	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	05/12/2011 1512	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	11.3	10.5	7	20	
Percent Solids	88.7	89.5	0.9	20	

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Ed Schwetz	Field Sampler: MJP	TAT Required (business days): STD	Lab PM/Contact:	COC Number: 19352
Company: HDR	Mobile/Field Number: 845 548 6962		Lab Job Number (Lab Use Only): 15461	Page 1 of 2
Address: 1 Blue Hill Plaza	E-Mail:	Deliverable Type (Report/EDD): See PM	Passed Rad Screen (Lab Use Only): [✓] Yes [ ] No	Carrier Tracking Notes:
City, State, Zip: Pearl River NY 10965	PO #:	Sample Disposal: [ ] Return to Client [✓] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	Cooler Temperatures (Lab Use Only): Probe 1 -0.2°C -0.8°C	
Phone: 845 735 8300	WO #:			
Email: Ed.Schwetz@HDRinc.com	Project #:	State Regulatory QC Criteria Requirements: NYSPT375		
Project Name/Site Location (State): ConEd N 15th St	SSOW#:			

Page 1 of 2 / COC 19352	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix (Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other)	MS/MSD (Yes or No)	No. of Containers/Preservatives: 4°C Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Analysis: VOC 8260	SVOCs 8270 BN	Pest 8081	PCBs 8082	Comments
1	B1 (12')	5/9/11	0850	S	NO	X							1	1			
2	B2 (9')		0915														
3	B3 (9')		0930												1	1	
4	B4 (9.5')		1000														
5	B5 (10')		1030												1	1	
6	B13 (10')		1110														
7	B14 (12')		1140												1	1	
8	B15 (9')		1435														
9	B16 (9')		1400														
10	B17 (9')	↓	1335	↓	↓	↓							↓	↓			

Relinquished by:	Date/Time: 5-10-11 1530	Company: HDR	Received by: Paul A. Mocco	Date/Time: 5/10/11 (1530)	Company: HDR
Relinquished by: Paul A. Mocco	Date/Time: 5/11/11 1400	Company: HDR	Received by: Albert Gramaty	Date/Time: 5/11/11 (1400)	Company: TAL-CT
Relinquished by: Albert Gramaty	Date/Time: 5/11/11 1818	Company: TAL-CT	Received by: Mara	Date/Time: 5-11-11 1820	Company:

Comments:

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-6140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Ed Schuetz	**Field Sampler:** MJP	**TAT Required (business days):** STD	**Lab PM/Contact:**	**COC Number:** 19353
Company: HDR	**Mobile/Field Number:** 845 548 6962		**Lab Job Number (Lab Use Only):** 15461	**Page** 2 of 2
Address: 1 Blue Hill Plaza	**E-Mail:**	**Deliverable Type (Report/EDD):** See PM	**Passed Rad Screen (Lab Use Only):** [✓] Yes [ ] No	**Carrier Tracking Notes:**
City, State, Zip: Pearl River NY 10965	**PO #:**	**Sample Disposal:** [ ] Return to Client [✓] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	**Cooler Temperatures (Lab Use Only):** Probe 1 - 0.2°C - 0.8°C	
Phone: 845 735 8300	**WO #:**			
Email: Ed.Schuetz@HDRInc.com	**Project #:**	**State Regulatory QC Criteria Requirements:** NYSDEC Pt 375	**Analysis (Attach list if more space is needed)**	
Project Name/Site Location (State): Con Ed N 8th St.	**SSOW#:**			

Page#	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix (Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other)	MS/ MSD (Yes or No)	No. of Containers/Preservatives: Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Analysis: VOCs 8260	SVOCs 8270 SIM	Pest 8081	PCBs 8082	Comments
1	B18 (7')	5/9/11	1305	S	NO	X							1	1			
2	B6 (8')	5/10/11	1130														
3	B7 (7')		1100														
4	B8 (7')		1020														
5	B9 (6.5')		0940												1	1	
6	B10 (7')		0915														
7	B11 (9')		0830												1	1	
8	B12 (9')		0900														
9	TB												1				

Relinquished by:	**Date/Time:** 5/10/11 - 1530	**Company** HDR	**Received by:** Paul A. Mocco	**Date/Time:** 5/10/11 (1530)	**Company** HDR
Relinquished by: Paul A. Mocco	**Date/Time:** 5/11/11 1400	**Company** HDR	**Received by:** Albert Gramsky	**Date/Time:** 5/11/11 (1400)	**Company** TAL-CT
Relinquished by: Albert Gramsky	**Date/Time:** 5/11/11 1818	**Company** TAL-CT	**Received by:**	**Date/Time:** 5-11-11 1820	**Company**

Comments:

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

05/31/2011

Login Sample Receipt Checklist

Client: HDR Engineering, Inc. Job Number: 220-15461-1

Login Number: 15461 **List Source: TestAmerica Connecticut**
List Number: 1
Creator: Teixeira, Maria L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	-0.2C/-0.8C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	SEE NARRATIVE
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

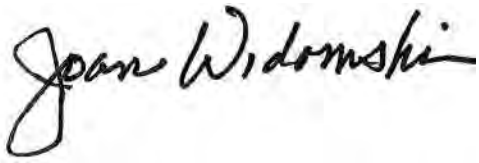
ANALYTICAL REPORT

Job Number: 220-15461-2

Job Description: Con Ed - North 1st Street

For:
HDR Engineering, Inc.
One Blue Hill Plaza
PO BOX 1509
Pearl River, NY 10965

Attention: Mr. Edward Schwetz



Approved for release.
Joan Widomski
Project Manager I
6/7/2011 2:21 PM

Designee for
Jackie Trudell
Project Manager I
jackie.trudell@testamericainc.com
06/07/2011

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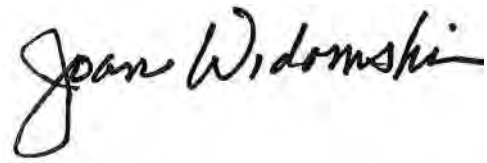
TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Number: 220-15461-2

Job Description: Con Ed - North 1st Street

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Approved for release.
Joan Widomski
Project Manager I
6/7/2011 2:21 PM

Designee for
Jackie Trudell

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Job Narrative
220-15461-2

Comments
No additional comments.

Receipt
Method(s) 3050B, 6010B, 7471A: The following sample(s) was activated for TAL Metals analysis by the client on 5/23/11:B1 (12') (220-15461-1), B10 (7') (220-15461-16), B11 (9') (220-15461-17), B12 (9') (220-15461-18), B13 (10') (220-15461-6), B14 (12') (220-15461-7), B15 (9') (220-15461-8), B16 (9') (220-15461-9), B17 (9') (220-15461-10), B18 (7') (220-15461-11), B2 (9') (220-15461-2), B3 (9') (220-15461-3), B4 (9.5') (220-15461-4), B5 (10') (220-15461-5), B6 (8') (220-15461-12), B7 (7') (220-15461-13), B8 (7') (220-15461-14), B9 (6.5') (220-15461-15). This analysis was not originally requested on the chain-of-custody (COC).

All other samples were received in good condition within temperature requirements.

Metals
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-1	**B1 (12')**					
Silver		0.19	J	1.2	mg/Kg	6010B
Aluminum		7090		62.5	mg/Kg	6010B
Arsenic		2.0	J	5.2	mg/Kg	6010B
Barium		41.4		1.2	mg/Kg	6010B
Beryllium		0.33	J	1.2	mg/Kg	6010B
Calcium		1620		125	mg/Kg	6010B
Cobalt		3.5		1.2	mg/Kg	6010B
Chromium		32.0		1.2	mg/Kg	6010B
Copper		27.1		1.5	mg/Kg	6010B
Iron		23000		31.2	mg/Kg	6010B
Potassium		491		125	mg/Kg	6010B
Magnesium		1010		125	mg/Kg	6010B
Manganese		267		1.9	mg/Kg	6010B
Sodium		78.8	J	125	mg/Kg	6010B
Nickel		8.8		1.2	mg/Kg	6010B
Lead		54.6		3.8	mg/Kg	6010B
Vanadium		72.6		1.2	mg/Kg	6010B
Zinc		34.7		6.2	mg/Kg	6010B
Mercury		0.20		0.047	mg/Kg	7471A
220-15461-2	**B2 (9')**					
Silver		0.33	J	1.2	mg/Kg	6010B
Aluminum		9440		60.7	mg/Kg	6010B
Arsenic		2.8	J	5.1	mg/Kg	6010B
Barium		50.9		1.2	mg/Kg	6010B
Beryllium		0.46	J	1.2	mg/Kg	6010B
Calcium		870		121	mg/Kg	6010B
Cobalt		5.2		1.2	mg/Kg	6010B
Chromium		13.7		1.2	mg/Kg	6010B
Copper		12.8		1.5	mg/Kg	6010B
Iron		16300		30.3	mg/Kg	6010B
Potassium		548		121	mg/Kg	6010B
Magnesium		2180		121	mg/Kg	6010B
Manganese		139		1.8	mg/Kg	6010B
Sodium		70.4	J	121	mg/Kg	6010B
Nickel		10.9		1.2	mg/Kg	6010B
Lead		21.4		3.6	mg/Kg	6010B
Vanadium		18.2		1.2	mg/Kg	6010B
Zinc		27.9		6.1	mg/Kg	6010B
Mercury		0.055		0.048	mg/Kg	7471A

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-3	**B3 (9')**					
Silver		0.12	J	1.2	mg/Kg	6010B
Aluminum		5880		62.5	mg/Kg	6010B
Arsenic		2.3	J	5.2	mg/Kg	6010B
Barium		25.6		1.2	mg/Kg	6010B
Beryllium		0.29	J	1.2	mg/Kg	6010B
Calcium		849		125	mg/Kg	6010B
Cobalt		4.5		1.2	mg/Kg	6010B
Chromium		13.1		1.2	mg/Kg	6010B
Copper		11.6		1.5	mg/Kg	6010B
Iron		12500		31.2	mg/Kg	6010B
Potassium		989		125	mg/Kg	6010B
Magnesium		2260		125	mg/Kg	6010B
Manganese		143		1.9	mg/Kg	6010B
Sodium		141		125	mg/Kg	6010B
Nickel		16.7		1.2	mg/Kg	6010B
Lead		7.6		3.8	mg/Kg	6010B
Vanadium		15.4		1.2	mg/Kg	6010B
Zinc		21.4		6.2	mg/Kg	6010B
Mercury		0.0055	J	0.046	mg/Kg	7471A
220-15461-4	**B4 (9.5')**					
Silver		0.44	J	1.2	mg/Kg	6010B
Aluminum		7660		61.6	mg/Kg	6010B
Arsenic		2.3	J	5.2	mg/Kg	6010B
Barium		38.6		1.2	mg/Kg	6010B
Beryllium		0.38	J	1.2	mg/Kg	6010B
Calcium		1110		123	mg/Kg	6010B
Cobalt		6.3		1.2	mg/Kg	6010B
Chromium		22.8		1.2	mg/Kg	6010B
Copper		19.2		1.5	mg/Kg	6010B
Iron		28700		30.8	mg/Kg	6010B
Potassium		1650		123	mg/Kg	6010B
Magnesium		2510		123	mg/Kg	6010B
Manganese		479		1.8	mg/Kg	6010B
Sodium		221		123	mg/Kg	6010B
Nickel		12.5		1.2	mg/Kg	6010B
Lead		7.6		3.7	mg/Kg	6010B
Thallium		1.2	J	3.7	mg/Kg	6010B
Vanadium		30.6		1.2	mg/Kg	6010B
Zinc		30.3		6.2	mg/Kg	6010B
Mercury		0.0064	J	0.044	mg/Kg	7471A

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-5	**B5 (10')**					
Silver		0.21	J	1.2	mg/Kg	6010B
Aluminum		8260		61.0	mg/Kg	6010B
Arsenic		3.4	J	5.1	mg/Kg	6010B
Barium		35.2		1.2	mg/Kg	6010B
Beryllium		0.33	J	1.2	mg/Kg	6010B
Calcium		824		122	mg/Kg	6010B
Cobalt		4.8		1.2	mg/Kg	6010B
Chromium		13.3		1.2	mg/Kg	6010B
Copper		9.9		1.5	mg/Kg	6010B
Iron		14300		30.5	mg/Kg	6010B
Potassium		550		122	mg/Kg	6010B
Magnesium		1740		122	mg/Kg	6010B
Manganese		187		1.8	mg/Kg	6010B
Sodium		316		122	mg/Kg	6010B
Nickel		9.9		1.2	mg/Kg	6010B
Lead		23.7		3.7	mg/Kg	6010B
Vanadium		15.9		1.2	mg/Kg	6010B
Zinc		23.7		6.1	mg/Kg	6010B
Mercury		0.029	J	0.047	mg/Kg	7471A
220-15461-6	**B13 (10')**					
Silver		0.43	J	1.2	mg/Kg	6010B
Aluminum		10500		59.8	mg/Kg	6010B
Arsenic		4.7	J	5.0	mg/Kg	6010B
Barium		34.0		1.2	mg/Kg	6010B
Beryllium		0.39	J	1.2	mg/Kg	6010B
Calcium		862		120	mg/Kg	6010B
Cobalt		6.9		1.2	mg/Kg	6010B
Chromium		19.7		1.2	mg/Kg	6010B
Copper		14.5		1.4	mg/Kg	6010B
Iron		23900		29.9	mg/Kg	6010B
Potassium		573		120	mg/Kg	6010B
Magnesium		2110		120	mg/Kg	6010B
Manganese		472		1.8	mg/Kg	6010B
Sodium		106	J	120	mg/Kg	6010B
Nickel		11.6		1.2	mg/Kg	6010B
Lead		44.1		3.6	mg/Kg	6010B
Vanadium		28.3		1.2	mg/Kg	6010B
Zinc		29.1		6.0	mg/Kg	6010B
Mercury		0.011	J	0.048	mg/Kg	7471A

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-7	**B14 (12')**					
Aluminum		7200		62.5	mg/Kg	6010B
Arsenic		1.9	J	5.2	mg/Kg	6010B
Barium		41.1		1.2	mg/Kg	6010B
Beryllium		0.24	J	1.2	mg/Kg	6010B
Calcium		30800		125	mg/Kg	6010B
Cobalt		5.4		1.2	mg/Kg	6010B
Chromium		18.4		1.2	mg/Kg	6010B
Copper		18.3		1.5	mg/Kg	6010B
Iron		13700		31.2	mg/Kg	6010B
Potassium		992		125	mg/Kg	6010B
Magnesium		2520		125	mg/Kg	6010B
Manganese		254		1.9	mg/Kg	6010B
Sodium		448		125	mg/Kg	6010B
Nickel		13.5		1.2	mg/Kg	6010B
Lead		27.6		3.8	mg/Kg	6010B
Vanadium		18.4		1.2	mg/Kg	6010B
Zinc		42.9		6.2	mg/Kg	6010B
Mercury		0.63		0.047	mg/Kg	7471A
220-15461-8	**B15 (9')**					
Silver		0.29	J	1.2	mg/Kg	6010B
Aluminum		6740		61.3	mg/Kg	6010B
Arsenic		2.3	J	5.1	mg/Kg	6010B
Barium		32.5		1.2	mg/Kg	6010B
Beryllium		0.28	J	1.2	mg/Kg	6010B
Calcium		587		123	mg/Kg	6010B
Cobalt		4.5		1.2	mg/Kg	6010B
Chromium		18.2		1.2	mg/Kg	6010B
Copper		12.9		1.5	mg/Kg	6010B
Iron		25900		30.6	mg/Kg	6010B
Potassium		790		123	mg/Kg	6010B
Magnesium		1670		123	mg/Kg	6010B
Manganese		180		1.8	mg/Kg	6010B
Sodium		49.1	J	123	mg/Kg	6010B
Nickel		9.6		1.2	mg/Kg	6010B
Lead		12.6		3.7	mg/Kg	6010B
Vanadium		26.1		1.2	mg/Kg	6010B
Zinc		25.6		6.1	mg/Kg	6010B
Mercury		0.012	J	0.047	mg/Kg	7471A

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-9	**B16 (9')**					
Silver		0.32	J	1.2	mg/Kg	6010B
Aluminum		7070		62.5	mg/Kg	6010B
Arsenic		7.1		5.2	mg/Kg	6010B
Barium		65.1		1.2	mg/Kg	6010B
Beryllium		0.35	J	1.2	mg/Kg	6010B
Calcium		5040		125	mg/Kg	6010B
Cadmium		0.98	J	1.2	mg/Kg	6010B
Cobalt		5.6		1.2	mg/Kg	6010B
Chromium		16.6		1.2	mg/Kg	6010B
Copper		49.8		1.5	mg/Kg	6010B
Iron		18800		31.2	mg/Kg	6010B
Potassium		859		125	mg/Kg	6010B
Magnesium		2150		125	mg/Kg	6010B
Manganese		316		1.9	mg/Kg	6010B
Sodium		97.2	J	125	mg/Kg	6010B
Nickel		16.6		1.2	mg/Kg	6010B
Lead		137		3.8	mg/Kg	6010B
Vanadium		23.6		1.2	mg/Kg	6010B
Zinc		162		6.2	mg/Kg	6010B
Mercury		0.31		0.044	mg/Kg	7471A
220-15461-10	**B17 (9')**					
Silver		0.33	J	1.2	mg/Kg	6010B
Aluminum		6240		62.5	mg/Kg	6010B
Arsenic		3.1	J	5.2	mg/Kg	6010B
Barium		40.9		1.2	mg/Kg	6010B
Beryllium		0.35	J	1.2	mg/Kg	6010B
Calcium		1040		125	mg/Kg	6010B
Cobalt		5.0		1.2	mg/Kg	6010B
Chromium		16.0		1.2	mg/Kg	6010B
Copper		16.3		1.5	mg/Kg	6010B
Iron		20600		31.2	mg/Kg	6010B
Potassium		806		125	mg/Kg	6010B
Magnesium		1830		125	mg/Kg	6010B
Manganese		375		1.9	mg/Kg	6010B
Sodium		73.5	J	125	mg/Kg	6010B
Nickel		11.1		1.2	mg/Kg	6010B
Lead		27.6		3.8	mg/Kg	6010B
Vanadium		22.9		1.2	mg/Kg	6010B
Zinc		25.9		6.2	mg/Kg	6010B
Mercury		0.050		0.048	mg/Kg	7471A

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-11	**B18 (7')**					
Silver		0.26	J	1.2	mg/Kg	6010B
Aluminum		5290		62.2	mg/Kg	6010B
Arsenic		4.7	J	5.2	mg/Kg	6010B
Barium		49.2		1.2	mg/Kg	6010B
Beryllium		0.24	J	1.2	mg/Kg	6010B
Calcium		3470		124	mg/Kg	6010B
Cadmium		0.31	J	1.2	mg/Kg	6010B
Cobalt		22.7		1.2	mg/Kg	6010B
Chromium		20.8		1.2	mg/Kg	6010B
Copper		307		1.5	mg/Kg	6010B
Iron		13900		31.1	mg/Kg	6010B
Potassium		764		124	mg/Kg	6010B
Magnesium		1680		124	mg/Kg	6010B
Manganese		313		1.9	mg/Kg	6010B
Sodium		66.5	J	124	mg/Kg	6010B
Nickel		24.7		1.2	mg/Kg	6010B
Lead		130		3.7	mg/Kg	6010B
Vanadium		24.3		1.2	mg/Kg	6010B
Zinc		97.6		6.2	mg/Kg	6010B
Mercury		0.34		0.048	mg/Kg	7471A
220-15461-12	**B6 (8')**					
Silver		0.34	J	1.2	mg/Kg	6010B
Aluminum		5510		62.2	mg/Kg	6010B
Arsenic		3.8	J	5.2	mg/Kg	6010B
Barium		47.6		1.2	mg/Kg	6010B
Beryllium		0.29	J	1.2	mg/Kg	6010B
Calcium		2800		124	mg/Kg	6010B
Cadmium		0.66	J	1.2	mg/Kg	6010B
Cobalt		5.5		1.2	mg/Kg	6010B
Chromium		15.5		1.2	mg/Kg	6010B
Copper		31.5		1.5	mg/Kg	6010B
Iron		17000		31.1	mg/Kg	6010B
Potassium		882		124	mg/Kg	6010B
Magnesium		2670		124	mg/Kg	6010B
Manganese		283		1.9	mg/Kg	6010B
Sodium		58.2	J	124	mg/Kg	6010B
Nickel		22.8		1.2	mg/Kg	6010B
Lead		61.1		3.7	mg/Kg	6010B
Vanadium		20.8		1.2	mg/Kg	6010B
Zinc		81.7		6.2	mg/Kg	6010B
Mercury		0.076		0.050	mg/Kg	7471A

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-13	**B7 (7')**					
Silver		0.45	J	1.2	mg/Kg	6010B
Aluminum		6010		60.4	mg/Kg	6010B
Arsenic		3.5	J	5.1	mg/Kg	6010B
Barium		80.9		1.2	mg/Kg	6010B
Beryllium		0.27	J	1.2	mg/Kg	6010B
Calcium		5590		121	mg/Kg	6010B
Cadmium		0.87	J	1.2	mg/Kg	6010B
Cobalt		5.1		1.2	mg/Kg	6010B
Chromium		14.7		1.2	mg/Kg	6010B
Copper		103		1.4	mg/Kg	6010B
Iron		16500		30.2	mg/Kg	6010B
Potassium		833		121	mg/Kg	6010B
Magnesium		1760		121	mg/Kg	6010B
Manganese		253		1.8	mg/Kg	6010B
Sodium		70.5	J	121	mg/Kg	6010B
Nickel		14.1		1.2	mg/Kg	6010B
Lead		165		3.6	mg/Kg	6010B
Vanadium		21.1		1.2	mg/Kg	6010B
Zinc		158		6.0	mg/Kg	6010B
Mercury		0.20		0.050	mg/Kg	7471A
220-15461-14	**B8 (7')**					
Silver		1.0	J	1.2	mg/Kg	6010B
Aluminum		8070		59.8	mg/Kg	6010B
Arsenic		33.7		5.0	mg/Kg	6010B
Barium		372		1.2	mg/Kg	6010B
Beryllium		0.36	J	1.2	mg/Kg	6010B
Calcium		8770		120	mg/Kg	6010B
Cadmium		0.80	J	1.2	mg/Kg	6010B
Cobalt		28.5		1.2	mg/Kg	6010B
Chromium		76.9		1.2	mg/Kg	6010B
Copper		536		1.4	mg/Kg	6010B
Iron		37400		29.9	mg/Kg	6010B
Potassium		1120		120	mg/Kg	6010B
Magnesium		3740		120	mg/Kg	6010B
Manganese		716		1.8	mg/Kg	6010B
Sodium		380		120	mg/Kg	6010B
Nickel		33.4		1.2	mg/Kg	6010B
Lead		522		3.6	mg/Kg	6010B
Antimony		6.4		3.9	mg/Kg	6010B
Vanadium		24.2		1.2	mg/Kg	6010B
Zinc		2270		6.0	mg/Kg	6010B
Mercury		0.32		0.045	mg/Kg	7471A

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-15	**B9 (6.5')**					
Silver		0.31	J	1.2	mg/Kg	6010B
Aluminum		6750		62.2	mg/Kg	6010B
Arsenic		5.1	J	5.2	mg/Kg	6010B
Barium		128		1.2	mg/Kg	6010B
Beryllium		0.28	J	1.2	mg/Kg	6010B
Calcium		13700		124	mg/Kg	6010B
Cadmium		1.0	J	1.2	mg/Kg	6010B
Cobalt		6.5		1.2	mg/Kg	6010B
Chromium		20.2		1.2	mg/Kg	6010B
Copper		87.2		1.5	mg/Kg	6010B
Iron		13800		31.1	mg/Kg	6010B
Potassium		763		124	mg/Kg	6010B
Magnesium		2480		124	mg/Kg	6010B
Manganese		317		1.9	mg/Kg	6010B
Sodium		153		124	mg/Kg	6010B
Nickel		22.4		1.2	mg/Kg	6010B
Lead		196		3.7	mg/Kg	6010B
Vanadium		18.0		1.2	mg/Kg	6010B
Zinc		409		6.2	mg/Kg	6010B
Mercury		0.55		0.048	mg/Kg	7471A
220-15461-16	**B10 (7')**					
Silver		0.47	J	1.2	mg/Kg	6010B
Aluminum		3460		60.1	mg/Kg	6010B
Arsenic		7.1		5.0	mg/Kg	6010B
Barium		148		1.2	mg/Kg	6010B
Beryllium		0.18	J	1.2	mg/Kg	6010B
Calcium		1640		120	mg/Kg	6010B
Cadmium		0.91	J	1.2	mg/Kg	6010B
Cobalt		4.2		1.2	mg/Kg	6010B
Chromium		16.4		1.2	mg/Kg	6010B
Copper		501		1.4	mg/Kg	6010B
Iron		20200		30.0	mg/Kg	6010B
Potassium		456		120	mg/Kg	6010B
Magnesium		1210		120	mg/Kg	6010B
Manganese		168		1.8	mg/Kg	6010B
Sodium		68.2	J	120	mg/Kg	6010B
Nickel		18.5		1.2	mg/Kg	6010B
Lead		1140		3.6	mg/Kg	6010B
Antimony		1.3	J	4.0	mg/Kg	6010B
Vanadium		16.9		1.2	mg/Kg	6010B
Zinc		361		6.0	mg/Kg	6010B
Mercury		1.3		0.049	mg/Kg	7471A

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15461-17	**B11 (9')**					
Silver		0.20	J	1.2	mg/Kg	6010B
Aluminum		3870		61.6	mg/Kg	6010B
Arsenic		2.5	J	5.2	mg/Kg	6010B
Barium		24.9		1.2	mg/Kg	6010B
Beryllium		0.32	J	1.2	mg/Kg	6010B
Calcium		1220		123	mg/Kg	6010B
Cobalt		3.8		1.2	mg/Kg	6010B
Chromium		11.4		1.2	mg/Kg	6010B
Copper		14.8		1.5	mg/Kg	6010B
Iron		15400		30.8	mg/Kg	6010B
Potassium		718		123	mg/Kg	6010B
Magnesium		1530		123	mg/Kg	6010B
Manganese		400		1.8	mg/Kg	6010B
Sodium		77.9	J	123	mg/Kg	6010B
Nickel		9.2		1.2	mg/Kg	6010B
Lead		5.2		3.7	mg/Kg	6010B
Vanadium		19.2		1.2	mg/Kg	6010B
Zinc		26.5		6.2	mg/Kg	6010B
Mercury		0.0093	J	0.049	mg/Kg	7471A
220-15461-18	**B12 (9')**					
Silver		0.33	J	1.2	mg/Kg	6010B
Aluminum		7330		60.1	mg/Kg	6010B
Arsenic		2.6	J	5.0	mg/Kg	6010B
Barium		35.9		1.2	mg/Kg	6010B
Beryllium		0.42	J	1.2	mg/Kg	6010B
Calcium		889		120	mg/Kg	6010B
Cobalt		3.8		1.2	mg/Kg	6010B
Chromium		15.6		1.2	mg/Kg	6010B
Copper		14.0		1.4	mg/Kg	6010B
Iron		20600		30.0	mg/Kg	6010B
Potassium		727		120	mg/Kg	6010B
Magnesium		1850		120	mg/Kg	6010B
Manganese		137		1.8	mg/Kg	6010B
Sodium		43.6	J	120	mg/Kg	6010B
Nickel		10.6		1.2	mg/Kg	6010B
Lead		5.3		3.6	mg/Kg	6010B
Vanadium		22.7		1.2	mg/Kg	6010B
Zinc		23.3		6.0	mg/Kg	6010B
Mercury		0.0086	J	0.047	mg/Kg	7471A

METHOD SUMMARY

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Metals (ICP)	TAL CT	SW846 6010B	
Preparation, Metals			SW846 3050B
Mercury (CVAA)	TAL CT	SW846 7471A	
Preparation, Mercury			SW846 7471A

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Method	Analyst	Analyst ID
SW846 6010B	Voytek, Joseph F	JFV
SW846 7471A	Voytek, Joseph F	JFV

SAMPLE SUMMARY

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-15461-1	B1 (12')	Solid	05/09/2011 0830	05/11/2011 1820
220-15461-2	B2 (9')	Solid	05/09/2011 0915	05/11/2011 1820
220-15461-3	B3 (9')	Solid	05/09/2011 0930	05/11/2011 1820
220-15461-4	B4 (9.5')	Solid	05/09/2011 1000	05/11/2011 1820
220-15461-5	B5 (10')	Solid	05/09/2011 1030	05/11/2011 1820
220-15461-6	B13 (10')	Solid	05/09/2011 1110	05/11/2011 1820
220-15461-7	B14 (12')	Solid	05/09/2011 1140	05/11/2011 1820
220-15461-8	B15 (9')	Solid	05/09/2011 1435	05/11/2011 1820
220-15461-9	B16 (9')	Solid	05/09/2011 1400	05/11/2011 1820
220-15461-10	B17 (9')	Solid	05/09/2011 1335	05/11/2011 1820
220-15461-11	B18 (7')	Solid	05/09/2011 1305	05/11/2011 1820
220-15461-12	B6 (8')	Solid	05/10/2011 1130	05/11/2011 1820
220-15461-13	B7 (7')	Solid	05/10/2011 1100	05/11/2011 1820
220-15461-14	B8 (7')	Solid	05/10/2011 1020	05/11/2011 1820
220-15461-15	B9 (6.5')	Solid	05/10/2011 0940	05/11/2011 1820
220-15461-16	B10 (7')	Solid	05/10/2011 0915	05/11/2011 1820
220-15461-17	B11 (9')	Solid	05/10/2011 0830	05/11/2011 1820
220-15461-18	B12 (9')	Solid	05/10/2011 0900	05/11/2011 1820

SAMPLE RESULTS

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B1 (12')**

Lab Sample ID: 220-15461-1 Date Sampled: 05/09/2011 0830
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.00 g
Analysis Date:	05/31/2011 1309			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.19	J	0.062	1.2
Aluminum		7090		2.5	62.5
Arsenic		2.0	J	1.7	5.2
Barium		41.4		0.062	1.2
Beryllium		0.33	J	0.062	1.2
Calcium		1620		12.5	125
Cadmium		1.2	U	0.25	1.2
Cobalt		3.5		0.12	1.2
Chromium		32.0		0.12	1.2
Copper		27.1		0.48	1.5
Iron		23000		3.8	31.2
Potassium		491		12.5	125
Magnesium		1010		2.3	125
Manganese		267		0.062	1.9
Sodium		78.8	J	12.5	125
Nickel		8.8		0.25	1.2
Lead		54.6		0.78	3.8
Antimony		4.1	U	1.3	4.1
Selenium		9.4	U	3.1	9.4
Thallium		3.8	U	0.88	3.8
Vanadium		72.6		0.25	1.2
Zinc		34.7		1.2	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	05/26/2011 1439			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.20		0.0038	0.047

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B2 (9')**

Lab Sample ID: 220-15461-2 Date Sampled: 05/09/2011 0915
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.06 g
Analysis Date:	05/31/2011 1312			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.33	J	0.061	1.2
Aluminum		9440		2.4	60.7
Arsenic		2.8	J	1.6	5.1
Barium		50.9		0.061	1.2
Beryllium		0.46	J	0.061	1.2
Calcium		870		12.1	121
Cadmium		1.2	U	0.24	1.2
Cobalt		5.2		0.12	1.2
Chromium		13.7		0.12	1.2
Copper		12.8		0.46	1.5
Iron		16300		3.6	30.3
Potassium		548		12.1	121
Magnesium		2180		2.2	121
Manganese		139		0.061	1.8
Sodium		70.4	J	12.1	121
Nickel		10.9		0.24	1.2
Lead		21.4		0.75	3.6
Antimony		4.0	U	1.2	4.0
Selenium		9.1	U	3.0	9.1
Thallium		3.6	U	0.85	3.6
Vanadium		18.2		0.24	1.2
Zinc		27.9		1.2	6.1

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	05/26/2011 1440			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.055		0.0039	0.048

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B3 (9')**

Lab Sample ID: 220-15461-3 Date Sampled: 05/09/2011 0930
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.00 g
Analysis Date:	05/31/2011 1316			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.12	J	0.062	1.2
Aluminum		5880		2.5	62.5
Arsenic		2.3	J	1.7	5.2
Barium		25.6		0.062	1.2
Beryllium		0.29	J	0.062	1.2
Calcium		849		12.5	125
Cadmium		1.2	U	0.25	1.2
Cobalt		4.5		0.12	1.2
Chromium		13.1		0.12	1.2
Copper		11.6		0.48	1.5
Iron		12500		3.8	31.2
Potassium		989		12.5	125
Magnesium		2260		2.3	125
Manganese		143		0.062	1.9
Sodium		141		12.5	125
Nickel		16.7		0.25	1.2
Lead		7.6		0.78	3.8
Antimony		4.1	U	1.3	4.1
Selenium		9.4	U	3.1	9.4
Thallium		3.8	U	0.88	3.8
Vanadium		15.4		0.25	1.2
Zinc		21.4		1.2	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	05/26/2011 1442			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0055	J	0.0037	0.046

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B4 (9.5')**

Lab Sample ID: 220-15461-4 Date Sampled: 05/09/2011 1000
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.03 g
Analysis Date:	05/31/2011 1319			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.44	J	0.062	1.2
Aluminum		7660		2.5	61.6
Arsenic		2.3	J	1.7	5.2
Barium		38.6		0.062	1.2
Beryllium		0.38	J	0.062	1.2
Calcium		1110		12.3	123
Cadmium		1.2	U	0.25	1.2
Cobalt		6.3		0.12	1.2
Chromium		22.8		0.12	1.2
Copper		19.2		0.47	1.5
Iron		28700		3.7	30.8
Potassium		1650		12.3	123
Magnesium		2510		2.2	123
Manganese		479		0.062	1.8
Sodium		221		12.3	123
Nickel		12.5		0.25	1.2
Lead		7.6		0.76	3.7
Antimony		4.1	U	1.3	4.1
Selenium		9.2	U	3.1	9.2
Thallium		1.2	J	0.86	3.7
Vanadium		30.6		0.25	1.2
Zinc		30.3		1.2	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.68 g
Analysis Date:	05/26/2011 1443			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0064	J	0.0035	0.044

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B5 (10')**

Lab Sample ID: 220-15461-5 Date Sampled: 05/09/2011 1030
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.05 g
Analysis Date:	05/31/2011 1322			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.21	J	0.061	1.2
Aluminum		8260		2.4	61.0
Arsenic		3.4	J	1.6	5.1
Barium		35.2		0.061	1.2
Beryllium		0.33	J	0.061	1.2
Calcium		824		12.2	122
Cadmium		1.2	U	0.24	1.2
Cobalt		4.8		0.12	1.2
Chromium		13.3		0.12	1.2
Copper		9.9		0.46	1.5
Iron		14300		3.7	30.5
Potassium		550		12.2	122
Magnesium		1740		2.2	122
Manganese		187		0.061	1.8
Sodium		316		12.2	122
Nickel		9.9		0.24	1.2
Lead		23.7		0.76	3.7
Antimony		4.0	U	1.2	4.0
Selenium		9.1	U	3.0	9.1
Thallium		3.7	U	0.85	3.7
Vanadium		15.9		0.24	1.2
Zinc		23.7		1.2	6.1

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	05/26/2011 1444			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.029	J	0.0038	0.047

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B13 (10')**

Lab Sample ID: 220-15461-6 Date Sampled: 05/09/2011 1110
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.09 g
Analysis Date:	05/31/2011 1325			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.43	J	0.060	1.2
Aluminum		10500		2.4	59.8
Arsenic		4.7	J	1.6	5.0
Barium		34.0		0.060	1.2
Beryllium		0.39	J	0.060	1.2
Calcium		862		12.0	120
Cadmium		1.2	U	0.24	1.2
Cobalt		6.9		0.12	1.2
Chromium		19.7		0.12	1.2
Copper		14.5		0.45	1.4
Iron		23900		3.6	29.9
Potassium		573		12.0	120
Magnesium		2110		2.2	120
Manganese		472		0.060	1.8
Sodium		106	J	12.0	120
Nickel		11.6		0.24	1.2
Lead		44.1		0.74	3.6
Antimony		3.9	U	1.2	3.9
Selenium		9.0	U	3.0	9.0
Thallium		3.6	U	0.84	3.6
Vanadium		28.3		0.24	1.2
Zinc		29.1		1.2	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	05/26/2011 1445			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.011	J	0.0038	0.048

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B14 (12')**

Lab Sample ID: 220-15461-7 Date Sampled: 05/09/2011 1140
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.00 g
Analysis Date:	05/31/2011 1338			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.2	U	0.062	1.2
Aluminum		7200		2.5	62.5
Arsenic		1.9	J	1.7	5.2
Barium		41.1		0.062	1.2
Beryllium		0.24	J	0.062	1.2
Calcium		30800		12.5	125
Cadmium		1.2	U	0.25	1.2
Cobalt		5.4		0.12	1.2
Chromium		18.4		0.12	1.2
Copper		18.3		0.48	1.5
Iron		13700		3.8	31.2
Potassium		992		12.5	125
Magnesium		2520		2.3	125
Manganese		254		0.062	1.9
Sodium		448		12.5	125
Nickel		13.5		0.25	1.2
Lead		27.6		0.78	3.8
Antimony		4.1	U	1.3	4.1
Selenium		9.4	U	3.1	9.4
Thallium		3.8	U	0.88	3.8
Vanadium		18.4		0.25	1.2
Zinc		42.9		1.2	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	05/26/2011 1446			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.63		0.0038	0.047

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B15 (9')**

Lab Sample ID: 220-15461-8 Date Sampled: 05/09/2011 1435
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.04 g
Analysis Date:	05/31/2011 1341			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.29	J	0.061	1.2
Aluminum		6740		2.5	61.3
Arsenic		2.3	J	1.7	5.1
Barium		32.5		0.061	1.2
Beryllium		0.28	J	0.061	1.2
Calcium		587		12.3	123
Cadmium		1.2	U	0.25	1.2
Cobalt		4.5		0.12	1.2
Chromium		18.2		0.12	1.2
Copper		12.9		0.47	1.5
Iron		25900		3.7	30.6
Potassium		790		12.3	123
Magnesium		1670		2.2	123
Manganese		180		0.061	1.8
Sodium		49.1	J	12.3	123
Nickel		9.6		0.25	1.2
Lead		12.6		0.76	3.7
Antimony		4.0	U	1.2	4.0
Selenium		9.2	U	3.1	9.2
Thallium		3.7	U	0.86	3.7
Vanadium		26.1		0.25	1.2
Zinc		25.6		1.2	6.1

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	05/26/2011 1447			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.012	J	0.0038	0.047

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B16 (9')**

Lab Sample ID: 220-15461-9 Date Sampled: 05/09/2011 1400
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.00 g
Analysis Date:	05/31/2011 1345			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.32	J	0.062	1.2
Aluminum		7070		2.5	62.5
Arsenic		7.1		1.7	5.2
Barium		65.1		0.062	1.2
Beryllium		0.35	J	0.062	1.2
Calcium		5040		12.5	125
Cadmium		0.98	J	0.25	1.2
Cobalt		5.6		0.12	1.2
Chromium		16.6		0.12	1.2
Copper		49.8		0.48	1.5
Iron		18800		3.8	31.2
Potassium		859		12.5	125
Magnesium		2150		2.3	125
Manganese		316		0.062	1.9
Sodium		97.2	J	12.5	125
Nickel		16.6		0.25	1.2
Lead		137		0.78	3.8
Antimony		4.1	U	1.3	4.1
Selenium		9.4	U	3.1	9.4
Thallium		3.8	U	0.88	3.8
Vanadium		23.6		0.25	1.2
Zinc		162		1.2	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.68 g
Analysis Date:	05/26/2011 1448			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.31		0.0035	0.044

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B17 (9')**

Lab Sample ID: 220-15461-10 Date Sampled: 05/09/2011 1335
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.00 g
Analysis Date:	05/31/2011 1348			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.33	J	0.062	1.2
Aluminum		6240		2.5	62.5
Arsenic		3.1	J	1.7	5.2
Barium		40.9		0.062	1.2
Beryllium		0.35	J	0.062	1.2
Calcium		1040		12.5	125
Cadmium		1.2	U	0.25	1.2
Cobalt		5.0		0.12	1.2
Chromium		16.0		0.12	1.2
Copper		16.3		0.48	1.5
Iron		20600		3.8	31.2
Potassium		806		12.5	125
Magnesium		1830		2.3	125
Manganese		375		0.062	1.9
Sodium		73.5	J	12.5	125
Nickel		11.1		0.25	1.2
Lead		27.6		0.78	3.8
Antimony		4.1	U	1.3	4.1
Selenium		9.4	U	3.1	9.4
Thallium		3.8	U	0.88	3.8
Vanadium		22.9		0.25	1.2
Zinc		25.9		1.2	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	05/26/2011 1449			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.050		0.0039	0.048

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B18 (7')**

Lab Sample ID: 220-15461-11 Date Sampled: 05/09/2011 1305
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.01 g
Analysis Date:	05/31/2011 1351			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.26	J	0.062	1.2
Aluminum		5290		2.5	62.2
Arsenic		4.7	J	1.7	5.2
Barium		49.2		0.062	1.2
Beryllium		0.24	J	0.062	1.2
Calcium		3470		12.4	124
Cadmium		0.31	J	0.25	1.2
Cobalt		22.7		0.12	1.2
Chromium		20.8		0.12	1.2
Copper		307		0.47	1.5
Iron		13900		3.7	31.1
Potassium		764		12.4	124
Magnesium		1680		2.3	124
Manganese		313		0.062	1.9
Sodium		66.5	J	12.4	124
Nickel		24.7		0.25	1.2
Lead		130		0.77	3.7
Antimony		4.1	U	1.3	4.1
Selenium		9.3	U	3.1	9.3
Thallium		3.7	U	0.87	3.7
Vanadium		24.3		0.25	1.2
Zinc		97.6		1.2	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	05/26/2011 1453			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.34		0.0039	0.048

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B6 (8')**

Lab Sample ID: 220-15461-12 Date Sampled: 05/10/2011 1130
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.01 g
Analysis Date:	05/31/2011 1354			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.34	J	0.062	1.2
Aluminum		5510		2.5	62.2
Arsenic		3.8	J	1.7	5.2
Barium		47.6		0.062	1.2
Beryllium		0.29	J	0.062	1.2
Calcium		2800		12.4	124
Cadmium		0.66	J	0.25	1.2
Cobalt		5.5		0.12	1.2
Chromium		15.5		0.12	1.2
Copper		31.5		0.47	1.5
Iron		17000		3.7	31.1
Potassium		882		12.4	124
Magnesium		2670		2.3	124
Manganese		283		0.062	1.9
Sodium		58.2	J	12.4	124
Nickel		22.8		0.25	1.2
Lead		61.1		0.77	3.7
Antimony		4.1	U	1.3	4.1
Selenium		9.3	U	3.1	9.3
Thallium		3.7	U	0.87	3.7
Vanadium		20.8		0.25	1.2
Zinc		81.7		1.2	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	05/26/2011 1454			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.076		0.0040	0.050

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B7 (7')**

Lab Sample ID: 220-15461-13 Date Sampled: 05/10/2011 1100
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.07 g
Analysis Date:	05/31/2011 1357			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.45	J	0.060	1.2
Aluminum		6010		2.4	60.4
Arsenic		3.5	J	1.6	5.1
Barium		80.9		0.060	1.2
Beryllium		0.27	J	0.060	1.2
Calcium		5590		12.1	121
Cadmium		0.87	J	0.24	1.2
Cobalt		5.1		0.12	1.2
Chromium		14.7		0.12	1.2
Copper		103		0.46	1.4
Iron		16500		3.6	30.2
Potassium		833		12.1	121
Magnesium		1760		2.2	121
Manganese		253		0.060	1.8
Sodium		70.5	J	12.1	121
Nickel		14.1		0.24	1.2
Lead		165		0.75	3.6
Antimony		4.0	U	1.2	4.0
Selenium		9.1	U	3.0	9.1
Thallium		3.6	U	0.85	3.6
Vanadium		21.1		0.24	1.2
Zinc		158		1.2	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	05/26/2011 1455			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.20		0.0040	0.050

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B8 (7')**

Lab Sample ID: 220-15461-14 Date Sampled: 05/10/2011 1020
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.09 g
Analysis Date:	05/31/2011 1400			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.0	J	0.060	1.2
Aluminum		8070		2.4	59.8
Arsenic		33.7		1.6	5.0
Barium		372		0.060	1.2
Beryllium		0.36	J	0.060	1.2
Calcium		8770		12.0	120
Cadmium		0.80	J	0.24	1.2
Cobalt		28.5		0.12	1.2
Chromium		76.9		0.12	1.2
Copper		536		0.45	1.4
Iron		37400		3.6	29.9
Potassium		1120		12.0	120
Magnesium		3740		2.2	120
Manganese		716		0.060	1.8
Sodium		380		12.0	120
Nickel		33.4		0.24	1.2
Lead		522		0.74	3.6
Antimony		6.4		1.2	3.9
Selenium		9.0	U	3.0	9.0
Thallium		3.6	U	0.84	3.6
Vanadium		24.2		0.24	1.2
Zinc		2270		1.2	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	05/26/2011 1457			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.32		0.0036	0.045

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B9 (6.5')**

Lab Sample ID: 220-15461-15 Date Sampled: 05/10/2011 0940
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.01 g
Analysis Date:	05/31/2011 1403			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.31	J	0.062	1.2
Aluminum		6750		2.5	62.2
Arsenic		5.1	J	1.7	5.2
Barium		128		0.062	1.2
Beryllium		0.28	J	0.062	1.2
Calcium		13700		12.4	124
Cadmium		1.0	J	0.25	1.2
Cobalt		6.5		0.12	1.2
Chromium		20.2		0.12	1.2
Copper		87.2		0.47	1.5
Iron		13800		3.7	31.1
Potassium		763		12.4	124
Magnesium		2480		2.3	124
Manganese		317		0.062	1.9
Sodium		153		12.4	124
Nickel		22.4		0.25	1.2
Lead		196		0.77	3.7
Antimony		4.1	U	1.3	4.1
Selenium		9.3	U	3.1	9.3
Thallium		3.7	U	0.87	3.7
Vanadium		18.0		0.25	1.2
Zinc		409		1.2	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51260	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	05/26/2011 1500			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1303				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.55		0.0039	0.048

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B10 (7')**

Lab Sample ID: 220-15461-16 Date Sampled: 05/10/2011 0915
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.08 g
Analysis Date:	05/31/2011 1406			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.47	J	0.060	1.2
Aluminum		3460		2.4	60.1
Arsenic		7.1		1.6	5.0
Barium		148		0.060	1.2
Beryllium		0.18	J	0.060	1.2
Calcium		1640		12.0	120
Cadmium		0.91	J	0.24	1.2
Cobalt		4.2		0.12	1.2
Chromium		16.4		0.12	1.2
Copper		501		0.46	1.4
Iron		20200		3.6	30.0
Potassium		456		12.0	120
Magnesium		1210		2.2	120
Manganese		168		0.060	1.8
Sodium		68.2	J	12.0	120
Nickel		18.5		0.24	1.2
Lead		1140		0.75	3.6
Antimony		1.3	J	1.2	4.0
Selenium		9.0	U	3.0	9.0
Thallium		3.6	U	0.84	3.6
Vanadium		16.9		0.24	1.2
Zinc		361		1.2	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51260	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	05/26/2011 1501			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1303				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.3		0.0039	0.049

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B11 (9')**

Lab Sample ID: 220-15461-17 Date Sampled: 05/10/2011 0830
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.03 g
Analysis Date:	05/31/2011 1416			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.20	J	0.062	1.2
Aluminum		3870		2.5	61.6
Arsenic		2.5	J	1.7	5.2
Barium		24.9		0.062	1.2
Beryllium		0.32	J	0.062	1.2
Calcium		1220		12.3	123
Cadmium		1.2	U	0.25	1.2
Cobalt		3.8		0.12	1.2
Chromium		11.4		0.12	1.2
Copper		14.8		0.47	1.5
Iron		15400		3.7	30.8
Potassium		718		12.3	123
Magnesium		1530		2.2	123
Manganese		400		0.062	1.8
Sodium		77.9	J	12.3	123
Nickel		9.2		0.25	1.2
Lead		5.2		0.76	3.7
Antimony		4.1	U	1.3	4.1
Selenium		9.2	U	3.1	9.2
Thallium		3.7	U	0.86	3.7
Vanadium		19.2		0.25	1.2
Zinc		26.5		1.2	6.2

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51260	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	05/26/2011 1503			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1303				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0093	J	0.0039	0.049

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Client Sample ID: **B12 (9')**

Lab Sample ID: 220-15461-18 Date Sampled: 05/10/2011 0900
Client Matrix: Solid Date Received: 05/11/2011 1820

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Prep Method:	3050B	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0			Initial Weight/Volume:	2.08 g
Analysis Date:	05/31/2011 1419			Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.33	J	0.060	1.2
Aluminum		7330		2.4	60.1
Arsenic		2.6	J	1.6	5.0
Barium		35.9		0.060	1.2
Beryllium		0.42	J	0.060	1.2
Calcium		889		12.0	120
Cadmium		1.2	U	0.24	1.2
Cobalt		3.8		0.12	1.2
Chromium		15.6		0.12	1.2
Copper		14.0		0.46	1.4
Iron		20600		3.6	30.0
Potassium		727		12.0	120
Magnesium		1850		2.2	120
Manganese		137		0.060	1.8
Sodium		43.6	J	12.0	120
Nickel		10.6		0.24	1.2
Lead		5.3		0.75	3.6
Antimony		4.0	U	1.2	4.0
Selenium		9.0	U	3.0	9.0
Thallium		3.6	U	0.84	3.6
Vanadium		22.7		0.24	1.2
Zinc		23.3		1.2	6.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Prep Method:	7471A	Prep Batch:	220-51260	Lab File ID:	CV052611.TXT
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	05/26/2011 1504			Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1303				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0086	J	0.0038	0.047

DATA REPORTING QUALIFIERS

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Section	Qualifier	Description
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

QUALITY CONTROL RESULTS

Client: HDR Engineering, Inc. Job Number: 220-15461-2

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 220-51251					
LCS 220-51251/2-A	Lab Control Sample	T	Solid	3050B	
MB 220-51251/1-A	Method Blank	T	Solid	3050B	
220-15461-1	B1 (12')	T	Solid	3050B	
220-15461-2	B2 (9')	T	Solid	3050B	
220-15461-3	B3 (9')	T	Solid	3050B	
220-15461-4	B4 (9.5')	T	Solid	3050B	
220-15461-5	B5 (10')	T	Solid	3050B	
220-15461-6	B13 (10')	T	Solid	3050B	
220-15461-7	B14 (12')	T	Solid	3050B	
220-15461-8	B15 (9')	T	Solid	3050B	
220-15461-9	B16 (9')	T	Solid	3050B	
220-15461-10	B17 (9')	T	Solid	3050B	
220-15461-11	B18 (7')	T	Solid	3050B	
220-15461-12	B6 (8')	T	Solid	3050B	
220-15461-13	B7 (7')	T	Solid	3050B	
220-15461-14	B8 (7')	T	Solid	3050B	
220-15461-15	B9 (6.5')	T	Solid	3050B	
220-15461-16	B10 (7')	T	Solid	3050B	
220-15461-17	B11 (9')	T	Solid	3050B	
220-15461-18	B12 (9')	T	Solid	3050B	
Prep Batch: 220-51255					
LCS 220-51255/2-A	Lab Control Sample	T	Solid	7471A	
MB 220-51255/1-A	Method Blank	T	Solid	7471A	
220-15461-1	B1 (12')	T	Solid	7471A	
220-15461-2	B2 (9')	T	Solid	7471A	
220-15461-3	B3 (9')	T	Solid	7471A	
220-15461-4	B4 (9.5')	T	Solid	7471A	
220-15461-5	B5 (10')	T	Solid	7471A	
220-15461-6	B13 (10')	T	Solid	7471A	
220-15461-7	B14 (12')	T	Solid	7471A	
220-15461-8	B15 (9')	T	Solid	7471A	
220-15461-9	B16 (9')	T	Solid	7471A	
220-15461-10	B17 (9')	T	Solid	7471A	
220-15461-11	B18 (7')	T	Solid	7471A	
220-15461-12	B6 (8')	T	Solid	7471A	
220-15461-13	B7 (7')	T	Solid	7471A	
220-15461-14	B8 (7')	T	Solid	7471A	

Client: HDR Engineering, Inc. Job Number: 220-15461-2

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 220-51260					
LCS 220-51260/2-A	Lab Control Sample	T	Solid	7471A	
MB 220-51260/1-A	Method Blank	T	Solid	7471A	
220-15461-15	B9 (6.5')	T	Solid	7471A	
220-15461-16	B10 (7')	T	Solid	7471A	
220-15461-17	B11 (9')	T	Solid	7471A	
220-15461-18	B12 (9')	T	Solid	7471A	
220-15461-18DU	Duplicate	T	Solid	7471A	
220-15461-18MS	Matrix Spike	T	Solid	7471A	
Analysis Batch:220-51281					
LCS 220-51255/2-A	Lab Control Sample	T	Solid	7471A	220-51255
MB 220-51255/1-A	Method Blank	T	Solid	7471A	220-51255
LCS 220-51260/2-A	Lab Control Sample	T	Solid	7471A	220-51260
MB 220-51260/1-A	Method Blank	T	Solid	7471A	220-51260
220-15461-1	B1 (12')	T	Solid	7471A	220-51255
220-15461-2	B2 (9')	T	Solid	7471A	220-51255
220-15461-3	B3 (9')	T	Solid	7471A	220-51255
220-15461-4	B4 (9.5')	T	Solid	7471A	220-51255
220-15461-5	B5 (10')	T	Solid	7471A	220-51255
220-15461-6	B13 (10')	T	Solid	7471A	220-51255
220-15461-7	B14 (12')	T	Solid	7471A	220-51255
220-15461-8	B15 (9')	T	Solid	7471A	220-51255
220-15461-9	B16 (9')	T	Solid	7471A	220-51255
220-15461-10	B17 (9')	T	Solid	7471A	220-51255
220-15461-11	B18 (7')	T	Solid	7471A	220-51255
220-15461-12	B6 (8')	T	Solid	7471A	220-51255
220-15461-13	B7 (7')	T	Solid	7471A	220-51255
220-15461-14	B8 (7')	T	Solid	7471A	220-51255
220-15461-15	B9 (6.5')	T	Solid	7471A	220-51260
220-15461-16	B10 (7')	T	Solid	7471A	220-51260
220-15461-17	B11 (9')	T	Solid	7471A	220-51260
220-15461-18	B12 (9')	T	Solid	7471A	220-51260
220-15461-18DU	Duplicate	T	Solid	7471A	220-51260
220-15461-18MS	Matrix Spike	T	Solid	7471A	220-51260

Client: HDR Engineering, Inc. Job Number: 220-15461-2

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:220-51369					
LCS 220-51251/2-A	Lab Control Sample	T	Solid	6010B	220-51251
MB 220-51251/1-A	Method Blank	T	Solid	6010B	220-51251
220-15461-1	B1 (12')	T	Solid	6010B	220-51251
220-15461-2	B2 (9')	T	Solid	6010B	220-51251
220-15461-3	B3 (9')	T	Solid	6010B	220-51251
220-15461-4	B4 (9.5')	T	Solid	6010B	220-51251
220-15461-5	B5 (10')	T	Solid	6010B	220-51251
220-15461-6	B13 (10')	T	Solid	6010B	220-51251
220-15461-7	B14 (12')	T	Solid	6010B	220-51251
220-15461-8	B15 (9')	T	Solid	6010B	220-51251
220-15461-9	B16 (9')	T	Solid	6010B	220-51251
220-15461-10	B17 (9')	T	Solid	6010B	220-51251
220-15461-11	B18 (7')	T	Solid	6010B	220-51251
220-15461-12	B6 (8')	T	Solid	6010B	220-51251
220-15461-13	B7 (7')	T	Solid	6010B	220-51251
220-15461-14	B8 (7')	T	Solid	6010B	220-51251
220-15461-15	B9 (6.5')	T	Solid	6010B	220-51251
220-15461-16	B10 (7')	T	Solid	6010B	220-51251
220-15461-17	B11 (9')	T	Solid	6010B	220-51251
220-15461-18	B12 (9')	T	Solid	6010B	220-51251

Report Basis

T = Total

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Method Blank - Batch: 220-51251

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 220-51251/1-A	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Client Matrix:	Solid	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.0 g
Analysis Date:	05/31/2011 1238	Units:	mg/Kg	Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Silver	1.2	U	0.062	1.2
Aluminum	62.5	U	2.5	62.5
Arsenic	5.2	U	1.7	5.2
Barium	1.2	U	0.062	1.2
Beryllium	1.2	U	0.062	1.2
Calcium	125	U	12.5	125
Cadmium	1.2	U	0.25	1.2
Cobalt	1.2	U	0.12	1.2
Chromium	1.2	U	0.12	1.2
Copper	1.5	U	0.48	1.5
Iron	31.2	U	3.8	31.2
Potassium	125	U	12.5	125
Magnesium	125	U	2.3	125
Manganese	0.0821	J	0.062	1.9
Sodium	125	U	12.5	125
Nickel	1.2	U	0.25	1.2
Lead	3.8	U	0.78	3.8
Antimony	4.1	U	1.3	4.1
Selenium	9.4	U	3.1	9.4
Thallium	3.8	U	0.88	3.8
Vanadium	1.2	U	0.25	1.2
Zinc	6.2	U	1.2	6.2

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Lab Control Sample - Batch: 220-51251

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 220-51251/2-A	Analysis Batch:	220-51369	Instrument ID:	ICAP3
Client Matrix:	Solid	Prep Batch:	220-51251	Lab File ID:	053111d.prn
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	05/31/2011 1241	Units:	mg/Kg	Final Weight/Volume:	250 mL
Prep Date:	05/26/2011 1055				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	75.0	76.43	102	80 - 120	
Aluminum	833	852.5	102	80 - 120	
Arsenic	250	264.4	106	80 - 120	
Barium	75.0	81.18	108	80 - 120	
Beryllium	25.0	27.27	109	80 - 120	
Calcium	1670	1712	103	80 - 120	
Cadmium	75.0	81.59	109	80 - 120	
Cobalt	75.0	81.15	108	80 - 120	
Chromium	75.0	80.98	108	80 - 120	
Copper	75.0	80.86	108	80 - 120	
Iron	833	887.9	107	80 - 120	
Potassium	6670	6843	103	80 - 120	
Magnesium	1670	1772	106	80 - 120	
Manganese	50.0	53.00	106	80 - 120	
Sodium	1670	1807	108	80 - 120	
Nickel	75.0	82.55	110	80 - 120	
Lead	250	267.7	107	80 - 120	
Antimony	250	271.2	108	80 - 120	
Selenium	125	137.3	110	80 - 120	
Thallium	250	270.5	108	80 - 120	
Vanadium	75.0	77.62	103	80 - 120	
Zinc	75.0	81.24	108	80 - 120	

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Method Blank - Batch: 220-51255

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 220-51255/1-A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Client Matrix:	Solid	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	05/26/2011 1425	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.050	U	0.0040	0.050

Lab Control Sample - Batch: 220-51255

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCS 220-51255/2-A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Client Matrix:	Solid	Prep Batch:	220-51255	Lab File ID:	CV052611.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	05/26/2011 1426	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1118				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.417	0.423	101	80 - 120	

Method Blank - Batch: 220-51260

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 220-51260/1-A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Client Matrix:	Solid	Prep Batch:	220-51260	Lab File ID:	CV052611.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	05/26/2011 1458	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1303				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.050	U	0.0040	0.050

Lab Control Sample - Batch: 220-51260

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCS 220-51260/2-A	Analysis Batch:	220-51281	Instrument ID:	MERC1
Client Matrix:	Solid	Prep Batch:	220-51260	Lab File ID:	CV052611.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	05/26/2011 1459	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1303				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.417	0.431	104	80 - 120	

Matrix Spike - Batch: 220-51260

Method: 7471A
Preparation: 7471A

Lab Sample ID:	220-15461-18	Analysis Batch:	220-51281	Instrument ID:	MERC1
Client Matrix:	Solid	Prep Batch:	220-51260	Lab File ID:	CV052611.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.62 g
Analysis Date:	05/26/2011 1550	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1303				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.0086	J	0.161	0.181	107	75 - 125	

Client: HDR Engineering, Inc. Job Number: 220-15461-2

Duplicate - Batch: 220-51260

Method: 7471A
Preparation: 7471A

Lab Sample ID:	220-15461-18	Analysis Batch:	220-51281	Instrument ID:	MERC1
Client Matrix:	Solid	Prep Batch:	220-51260	Lab File ID:	CV052611.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.63 g
Analysis Date:	05/26/2011 1549	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	05/26/2011 1303				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.0086	J	0.00648	28	20	J

TestAmerica Connecticut
126 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Ed Schwartz	Field Sampler: MJB	TAT Required (business days): STD	Lab PM/Contact:
Company: HDR	Mobile/Field Number: 845 548 6962		Lab Job Number (Lab Use Only): 15461-2
Address: 1 Blue Hill Plaza	E-Mail:	Deliverable Type (Report/EDD): See PM	Passed Rad Screen (Lab Use Only): [✓] Yes [ ] No
City, State, Zip: Pearl River NY 10965	PO #:	Sample Disposal: [ ] Return to Client [✓] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	Cooler Temperatures (Lab Use Only): Probe 1 - 0.2°C - 0.8°C
Phone: 845 735 8300	WO #:		
Email: Ed.Schwartz@HDRinc.com	Project #:	State Regulatory QC Criteria Requirements: NYSP+375	
Project Name/Site Location (State): ConEd NY St	SSOW#:		

TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix (Aq=Aqueous, S=Solid, W=Wastewater, O=Other)	MS/ MSD (Yes or No)	No. of Containers/Preservatives: 4°C Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Analysis: VOCs 8260	SVOCs 8270 BN	Pest 8081	PCBs 8082	Comments
1	B1 (12')	5/9/11	0850	S	NO	X							1	1			
2	B2 (9')		0915														
3	B3 (9')		0930												1	1	
4	B4 (9.5')		1000														
5	B5 (10')		1030												1	1	
6	B13 (10')		1110														
7	B14 (12')		1140												1	1	
8	B15 (9')		1435														
9	B16 (9')		1400														
10	B17 (9')	↓	1335	↓	↓	↓							↓	↓			

Relinquished by:	Date/Time: 5-10-11 1530	Company: HDR	Received by: Paul A. Mocco	Date/Time: 5/10/11 (1530)	Company: HDR
Relinquished by: Paul A. Mocco	Date/Time: 5/11/11 1400	Company: HDR	Received by: Albert Gramaty	Date/Time: 5/11/11 (1400)	Company: TAL-CT
Relinquished by: Albert Gramaty	Date/Time: 5/11/11 1818	Company: TAL	Received by:	Date/Time: 5-11-11 1820	Company:

Comments:

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy — Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0018 [0608]

06/07/2011

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Ed Schwetz	Field Sampler: MLP	TAT Required (business days): STD	Lab PM/Contact:	COC Number: 19353
Company: HDR	Mobile/Field Number: 845 598 6962		Lab Job Number (Lab Use Only): 15461-2	Page 2 of 2
Address: 1 Blue Hill Plaza	E-Mail:	Deliverable Type (Report/EDD): See PM	Passed Rad Screen (Lab Use Only): [✓] Yes [ ] No	Carrier Tracking Notes:
City, State, Zip: Pearl River NY 10965	PO #:	Sample Disposal: [ ] Return to Client [✓] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	Cooler Temperatures (Lab Use Only): Probe 1 - 0.2°C - 0.8°C	
Phone: 845 735 8300	WO #:			
Email: Ed.Schwetz@HDRinc.com	Project #:	State Regulatory QC Criteria Requirements: NYSDEC Pt 375	Analysis (Attach list if more space is needed)	
Project Name/Site Location (State): Con Ed N Def. St.	SSOW#:			

TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix (Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other)	MS/ MSD (Yes or No)	No. of Containers/Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	VOCs 8260	SVOCs 8270 SIM	Pest 8081	PCBs 8082	Comments
11	B18 (7')	5/9/11	1305	S	NO	1							1	1			
12	B6 (8')	5/10/11	1130														
13	B7 (7')		1100														
14	B8 (7')		1020														
15	B9 (6.5')		0940												1	1	
16	B10 (7')		0915														
17	B11 (9')		0830												1	1	
18	B12 (9')		0900														
19	TB												1				

Relinquished by:	Date/Time: 5/10/11 - 1530	Company: HDR	Received by: Paul A. Mocco	Date/Time: 5/10/11 (1530)	Company: HDR
Relinquished by: Paul A. Mocco	Date/Time: 5/11/11 1400	Company: HDR	Received by: Walt Gramsky	Date/Time: 5/11/11 (1400)	Company: TAL-CT
Relinquished by: Walt Gramsky	Date/Time: 5/11/11 1818	Company: TAL	Received by:	Date/Time: 5-11-11 1820	Company:

Comments:

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0509)

06/07/2011

Login Sample Receipt Checklist

Client: HDR Engineering, Inc.

Job Number: 220-15461-2

Login Number: 15461

List Source: TestAmerica Connecticut

List Number: 1

Creator: Teixeira, Maria L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	-0.2C/-0.8C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	SEE NARRATIVE
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

PHASE II SITE INVESTIGATION REPORT
FORMER NORTH FIRST STREET OIL STORAGE TERMINAL

SITE INVESTIGATION REPORT
PHASE II ENVIRONMENTAL SITE ASSESSMENT
FORMER NORTH FIRST STREET OIL STORAGE TERMINAL
BLOCK 2362, LOT 3 & BLOCK 2376, LOT 6, 214 KENT AVENUE
BROOKLYN, NEW YORK

VOLUME 1 of 2

Prepared for

Consolidated Edison Company of New York, Inc.
Long Island City, New York

Prepared by

LMS Engineers, LLP
Pearl River, NY

January 14, 2000

SITE INVESTIGATION REPORT
PHASE II ENVIRONMENTAL SITE ASSESSMENT
FORMER NORTH FIRST STREET OIL STORAGE TERMINAL
BLOCK 2362, LOT 3 & BLOCK 2376, LOT 6, 214 KENT AVENUE
BROOKLYN, NEW YORK

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E	Well Sampling Logs
F	Laboratory Analytical Reports

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F	Laboratory Analytical Reports (Volume 2 of 2)

1. OBJECTIVE

This Site Investigation report summarizes the methods, results and conclusions of the Phase II environmental site assessment (ESA) of the former North First Street Oil Storage Terminal Site. A work plan dated November 29, 1999 (Appendix A) was prepared by LMS after reviewing previous Phase I documents and other site documentation provided by Consolidated Edison Company of New York (Con Edison). The Work Plan provided the basis for this investigation and was followed through the site investigation. However, based on the site conditions encountered, some deviation from the Work Plan occurred. These deviations are noted in this report.

During the Work Plan preparation, a Phase I report for the site, and associated documentation were reviewed. The Phase I report identified several recognized environmental conditions on the site, generally as that term has been defined by American Society for Testing and Materials (ASTM). The next stage of the ESA process was site sampling to confirm or refute any significant impacted areas existing on the site relative to regulatory standards and guidelines. The work plan was designed to characterize impacted areas. Based on the limited time frame to implement the Phase II ESA, the field efforts were focused on completing the sampling plan as described in the Work Plan. Because the actual turnaround time for the analytical results became much longer than planned, there was no opportunity to collect additional or delineation samples.

2. BACKGROUND

2.1 SITE DESCRIPTION

The North First Street site is bordered by North 3rd Street to the north, the East River to the west, Grand Street Park and Grand Street to the south, and River Street to the east. A portion of the site is bounded by Metropolitan Avenue to the north, River Street to the west, Kent Avenue to the east, and an adjoining warehouse property to the south. The site consists of two blocks containing large, above ground, oil storage tanks, one block containing the former Pfizer property to the south, and a partial block with a building containing offices, a boiler room, and control room with an adjacent parking lot to the south. The former Pfizer property was previously used for transfer and storage of molasses and sulfuric acid for cough syrup production.

The site topography slopes from east to west with the surface elevations ranging from 10 to approximately 30 feet above mean sea level. No surface elevations were provided on the USGS topographic map for this area (Brooklyn, NY, 1975).

Information provided in the Phase I report (FW, 1999) indicates the site is approximately 400,515 square feet (9.19 acres), of which 156,420 square feet (3.59 acres) is shown as underwater between the bulkhead and the westernmost land surface. The site is currently zoned for heavy manufacturing (M3-1), allowing for heavy industrial uses. Neighboring land use is essentially manufacturing and warehouse operations. Historic use of the property as well as current and past use of adjacent properties are documented in the Phase I Report (H2M, 1999).

Based on the proximity of the site to the East River, groundwater at the site is expected to flow westward. However, the nature of the fill material at the site, which may include buried foundations or footings, may produce local deviations and stagnation areas in the groundwater flow.

2.2 PREVIOUS INVESTIGATIONS

In 1992, prior to Con Edison purchasing the Pfizer property, H2M Group prepared a Phase I Site Assessment Report (Holzmacher, McLendon, and Murrell, P.C. (H2M), 1992). Miller Environmental Group, Inc. (Miller) prepared a subsurface investigation report of the former Pfizer property dated July 16, 1993 preceding the property transfer to Con Edison. Miller also prepared a monitoring well installation report (dated September 1994) for the site to comply with the terms of a Major Petroleum Facilities License issued by NYSDEC. Groundwater sampling of these wells has been documented by laboratory reports. A second Phase I report was prepared by H2M that assessed the entire Con Edison property; it was dated September 10, 1999. Con Edison also has some internal documents that discuss other site sampling activities and results.

The 1992 Phase I report identified four (4) above ground storage tanks (ASTs) and two (2) underground storage tanks (USTs). The ASTs consisted of 2,000,000 gallon and 3,000,000 gallon molasses storage tanks, a 100,000 gallon sulfuric acid tank and a 10,000 gallon molasses holding tank. Reportedly, the molasses tanks contain residual molasses. The contents of the sulfuric acid tank were removed, pipes washed and neutralized with soda ash and the material disposed off site. No discussion of the interior of the holding tank was provided. The USTs included a 2,000 gallon fuel oil tank located at the southeast corner of the former Pfizer property and a 550 gallon tank located at the northern portion of the Pfizer property. The fuel oil tank supplied the boiler for heating molasses prior to transfer from the ASTs. This tank was filled with sand and abandoned in place outside the current Con Edison property as Con Edison no longer owns this corner area. The 550 gallon tank was reportedly at the northern section of the Pfizer property as identified on historic site maps. No discussion was provided regarding the material stored in this tank.

Other areas of potential concern identified in the Pfizer Phase I report include disposal of mycelium at the northeast section of the Pfizer property, some buried heating coils from a sulfuric

acid barge, and a lead lined containment basin in the sulfuric acid loading building. The mycelium waste may have contained ferro-cyanides and metals and was approximately 100 cubic yards. The location of the buried heating coils was not known. The lead lined containment basin was used to limit migration of sulfuric acid during truck loading activities.

Miller prepared a Site Investigation Report (Miller, 1993) that documented their soil, groundwater and sediment sampling of the former Pfizer property. Soil and groundwater samples were collected from seven (7) locations and sediments were collected at three (3) locations. Arsenic (1 sample), chromium (4 samples), copper (4 samples), mercury (6 samples), nickel (3 samples) and zinc (7 samples) were detected (MEG, 1993) in concentrations exceeding the current recommended soil cleanup objectives (NYSDEC Technical and Administrative Guidance Memorandum (TAGM. #4046, 1994) for soils. Other than acetone, which was used in their equipment decontamination, no volatile organic compounds (VOCs) exceeded the NYSDEC recommended soil cleanup objectives. Seven semi-volatile organic compounds (SVOCs) exceeded their TAGM guidance criteria in up to six borings. The groundwater sample analyses showed one boring, B-3, with benzene, toluene, ethylbenzene, and total xylene concentrations exceeding the groundwater quality standards. Boring B-3 was advanced near the northeast corner of the site.

Miller also prepared a monitoring well installation report (Miller, 1994). Four monitoring wells were installed with split-spoon samples collected at five-foot intervals. During the soil sample collection, photoionization detector readings were measured, but no readings above background levels were recorded on the boring logs. The wells were installed from 15 to 20 feet bgs. Groundwater samples collected from these wells have been historically analyzed for SVOCs. According to Con Edison, no SVOCs have been detected in these wells to date.

A Phase I ESA report on the entire Con Edison property, dated September 10, 1999, was prepared by H2M. The Phase I report identified a number of recognized environmental conditions at the site (including some of the concerns previously identified in the Phase I for the Pfizer property):

1. There is a suspected 550 gallon underground storage tank at the northern portion of the Pfizer property and a 2,000 gallon UST near the southeast corner of the Pfizer property that lack appropriate closure documents and may constitute recognized environmental conditions. Documentation or investigation of these tanks may be required.

2. In a December 1992 Phase I document for the former Pfizer portion of the Site, excavation of mycelium and sulfuric acid heating coil-impacted areas was recommended. Reportedly, the mycelium and sulfuric acid impacted areas were excavated to visually clean soils. However, no endpoint samples were collected. Therefore, some shallow soil sampling is planned for this area.

3. The Phase I report stated that asbestos and lead containing paint materials noted at the property were in good condition. Therefore, these materials were not identified as a

significant environmental concern. However, any potential construction or remediation activities should consider these materials.

4. The Phase I report concludes that because the site has a long-term industrial nature and previous site operations are not readily apparent, local impacted areas may be present. Groundwater conditions up and downgradient of the Site, as well as shallow soil conditions, should be investigated. For this reason, several samplings are recommended at locations distributed across the site, rather than in designated source areas. The unknown site history is not a sufficient rationale to constitute a recognized environmental condition in our opinion, but the sampling described above will assess materials present at the site.

5. The Phase I report mentions several containers of toxic or hazardous materials such as diesel fuel, foamite, tar, grease, etc. exist at the Site. Residual materials in storage tanks, such as ethylene glycol and petroleum, and lead containment liners should be properly disposed at an appropriate off site facility.

6. The Phase I report concludes that floor penetrations at the south structure of the former Pfizer property may be potential sources. These locations will be inspected, traced if possible, and sampled if the penetrations discharge to onsite areas.

7. Two elevated stainless steel tanks were discussed in the Phase I report. These tanks are situated in the tank filling structure and contained an unknown liquid. The size of the tanks is also unknown. No evidence of leakage or overfilling was discussed in the Phase I report. Therefore, these tanks will be inspected to evaluate their previous use. If the tanks contain residual materials, the residuals will be sampled, if possible, for waste disposal parameters so that potential remedial actions can be evaluated. Also, the volume of material remaining in the tanks will be estimated for disposal.

8. Information provided by Con Edison has shown that product containing volatile organics was encountered in soil borings advanced for the cathodic protection installation associated with the 10,000 gallon UST. The VOCs detected included toluene, ethylbenzene, and xylenes totaling 876,000 mg/l (Con Edison, no date). The NYSDEC spill number associated with these results is 96-04977. The source of these compounds has not been identified, but is suspected to be the paint company to the south. To confirm these results, borings will be advanced within the vicinity of the UST to characterize the subsurface conditions in this area.

9. An inventory of toxic/hazardous material on site including a material description, location and volume should be performed. This will be useful for formulation of any remedial action.

Based on information provided by Con Edison as reported by NYSDEC spill database, there are four open spill numbers associated with the site. Copies of the DEC Spill cases that remain open are included in Appendix B. A summary of the spill numbers is provided in the following table, and additional information regarding the actual status, as provided by Con Edison, has been added.

Spill Number	Date	Amount spilled	DEC Status/ Comments
9007596	10/10/90	15,000 gallons, #6 fuel	Open/All contained in dike area. Tank repaired and dike cleaned up.
9106388	9/13/91	500 gallons of diesel	Open/ Contained on roof of the storage tank. Vendor cleaned it up.
9412417	12/16/94	200 gallons of #6 fuel	Open/ Contained in the steel moat.
9611792	12/30/96	10 gallons of #6 fuel	Open/ leaked onto concrete. Was cleaned up.

Based on the information regarding the actual status of the above spills, they were either contained or cleaned up. Therefore, these spill cases should be closed by DEC. Additionally based on the investigation results, there appears to be no evidence that fuel oil #6 has caused any impact into soil or groundwater at this site.

3. FIELD INVESTIGATIONS

3.1 GEOPHYSICAL SURVEY

LMS contracted Sub-Surface Informational Surveys, Inc. (SIS) to survey the suspected underground storage tank (UST) areas identified in the Phase I Report (H2M, 1999). The suspect USTs are reportedly a 550 gallon UST at the northern portion of the Pfizer property and a 2,000 gallon UST near the southeast corner of the Pfizer property. The material historically stored in either UST was not provided in the previous documentation. Reportedly, the 2,000 gallon UST was on the portion of the Pfizer property that is now part of Grand Ferry Park and is not part of the Con Edison property. Beeause the location of this UST was uncertain, the geophysical survey included the portion of the Con Edison property adjacent to Grand Ferry Park.

On December 3, 1999, SIS conducted a ground penetrating radar survey capable of identifying anomalies at depths up to 7.2 feet below ground surface (bgs). The survey grid consisted of traverses with a 4 to 5-foot horizontal separation. The first area surveyed by SIS included the asphalt paved access road between the former molasses tank and the south end of the former Pfizer property, near the area where the 2,000 gallon UST was shown. No anomalies were observed by the GPR in this area. The second area surveyed was the northern portion of the Pfizer property so that the suspect 550-gallon UST could be located. Because of heavy brush, the GPR survey could not extend to the extreme rear of the property between the seawall and the existing leveled building foundation. No anomalous readings indicative of a UST were noted

within the area surveyed by GPR. A ferromagnetic magnetometer was used to survey the area that was not accessible by the GPR and, other than the minimum signal from surface metals, no anomalous readings were noted. Therefore, this survey addressed recognized environmental condition (REC) (1), concluding that either no UST existed in this area or it was removed. The surveyed area is shown in a figure in Appendix C (SIS Geophysical Survey Report).

3.2 SAMPLING OF BUILDING AND STRUCTURES

The site now contains three buildings: two (2) one-story buildings on the former Pfizer property and a building containing an office, control room and boiler house at the property adjacent to Kent Avenue. As stated above, asbestos and lead based paint noted at the site are in good condition and REC (3) was not identified as a significant environmental concern in the 1999 Phase I document (H2M, 1999). Therefore, asbestos and lead based paint assessment was not part of the work scope for this investigation. A manhole and two floor drains were identified in one of the former Pfizer site buildings, referred as REC (6). Both the floor drains and the manhole are believed to drain to the East River. The floor drains and the manhole were inspected to document their integrity and probed to assess the bottom conditions. The sediment within the floor drains or manhole was sampled for TCL VOCs, SVOC, pesticides/PCBs, and TAL Metals and cyanide (Table 1).

The samples were collected using both a hand auger and trowel, as appropriate to remove material from the floor drains and manhole. The portion of the sample collected for VOCs was immediately transferred to laboratory supplied sample containers. A photoionization detector or equivalent was used to obtain a headspace reading of the material with no readings above background conditions noted. The remainder of the sample was transferred to decontaminated stainless steel bowls, homogenized, and then transferred to the appropriate containers.

One of the floor drains within the building at the Pfizer property did not contain enough sediment to submit for laboratory analyses. The second floor drain within the building was not sampled during the field activities. However, a storm drain outside the building on the Pfizer property was sampled and identified as D-01. A sample was also collected from the manhole within the building and identified as M-01.

To address RECs (5) and (9), on December 15, 1999, an LMS representative walked the site with Mr. Joe Manfre, a Con Edison employee, to inventory the drums and other containers remaining on site. This site walk included viewing several chemical storage cabinets at the site, touring the inside of the boiler room building, and traversing the open areas of the site.

Several drums and containers were observed in the chemical storage cabinet at the easternmost part of the asphalt parking area adjacent to Kent Avenue. Two empty 55-gallon drums were

TABLE 1
ANALYTICAL PROTOCOL SUMMARY
FORMER NORTH FIRST STREET OIL STORAGE FACILITY
BROOKLYN, NEW YORK

Sample Location (Boring #, Depth Interval)		Date Sampled	VOCs	SVOCs	Pest/PCBs	TAL Metals	Cyanide
SOILS							
S-01C	8-12 ft bgs	12/09/1999	X	X	X	X	X
S-01D	12-16 ft bgs	12/09/1999	X	X	X	X	X
S-01E	16-20 ft bgs	12/09/1999	X	X	X	X	X
S-02A	0-4 ft bgs	12/10/1999	X	X	X	X	X
S-02B	4-8 ft bgs	12/10/1999	X	X	X	X	X
S-02C	8-12 ft bgs	12/10/1999	X	X	X	X	X
S-02D	12-16 ft bgs	12/09/1999	X	X	X	X	X
S-03B	4-8 ft bgs	12/10/1999	X	X	X	X	X
S-03C	8-12 ft bgs	12/10/1999	X	X	X	X	X
S-03D	12-16 ft bgs	12/10/1999	X	X	X	X	X
S-04B	4-8 ft bgs	12/10/1999	X	X	X	X	X
S-04C	8-12 ft bgs	12/10/1999	X	X	X	X	X
S-04D	12-16 ft bgs	12/10/1999	X	X	X	X	X
S-04E	16-20 ft bgs	12/10/1999	X	X	X	X	X
S-05A	0-4 ft bgs	12/08/1999	X	X	X	X	X
S-05B	4-8 ft bgs	12/08/1999	X	X	X	X	X
S-06A	0-4 ft bgs	12/03/1999	X	X	X	X	X
S-06B	4-8 ft bgs	12/06/1999	X	X	X	X	X
S-07		12/03/1999	X	X	X	X	X
S-08B	4-8 ft bgs	12/06/1999	X	X	X	X	X
S-08C	8-12 ft bgs	12/06/1999	X	X	X	X	X
S-09A	0-4 ft bgs	12/06/1999	X	X	X	X	X
S-09B	4-8 ft bgs	12/06/1999	X	X	X	X	X
S-10A	0-4 ft bgs	12/08/1999	X	X	X	X	X
S-10B	4-8 ft bgs	12/08/1999	X	X	X	X	X
S-10C	8-12 ft bgs	12/08/1999	X	X	X	X	X
S-11A	0-4 ft bgs	12/08/1999	X	X	X	X	X
S-11B	4-8 ft bgs	12/08/1999	X	X	X	X	X
S-12A	0-4 ft bgs	12/08/1999	X	X	X	X	X
S-12B	4-8 ft bgs	12/08/1999	X	X	X	X	X
S-13A	0-4 ft bgs	12/06/1999	X	X	X	X	X
S-13B	4-8 ft bgs	12/06/1999	X	X	X	X	X
SEDIMENT							
M-01		12/02/1999	X	X	X	X	X
D-01		12/03/1999	X	X	X	X	X

TABLE 1
ANALYTICAL PROTOCOL SUMMARY
FORMER NORTH FIRST STREET OIL STORAGE FACILITY
BROOKLYN, NEW YORK

	Date Sampled	VOCs	SVOCs	Pest/PCBs	TAL Metals	TAL Metals Unfiltered	Cyanide
GROUNDWATER WELLS							
MW-1	11/30/1999	X	X	X	X	X	X
MW-2	11/30/1999	X	X	X	X	X	X
MW-3	12/08/1999	X	X	X	X	X	X
MW-4	11/30/1999	X	X	X	X	X	X
MW-4, MS	11/30/1999	X	X	X	X	X	X
MW-4, MSD	11/30/1999	X	X	X	X	X	X
MW-5	11/30/1999	X	X	X	X	X	X
GROUNDWATER BORINGS							
W-01	12/09/1999	X	X	X	X	X	X
W-02	12/09/1999	X	X	X	X	X	X
W-04	12/10/1999	X					
S-06	12/03/1999	X	X	X	X	X	X
W-08	12/13/1999	X	X	X	X	X	X
BLANKS							
ER-1	12/06/1999	X	X	X	X	X	X
TB-1	11/30/1999	X					
TB-2	12/03/1999	X					
TB-3	12/08/1999	X					
TB-3	12/10/1999	X					
TB-4	12/13/1999	X					
TB-5	12/14/1999						

WASTE	Date Sampled	VOCs	SVOCs	Pest/PCBs	Flashpoint	Total Organic Halogens	Characteristics
Z-01	12/13/1999	X	X	X	X		X
Z-02	12/13/1999	X	X	X	X		X
Z-03	12/14/1999	X		X		X	X
Z-04	12/14/1999	X		X		X	X

Characteristics include reactivity, corrosivity, and ignitability

inside the cabinet whereas one empty 55-gallon drum was outside the cabinet. Three 5-gallon and one 1-gallon containers for gasoline storage were also inside the cabinet, but each of these containers was empty at the time of the site walk. Seven other 1-gallon containers were also inside the cabinet including one full container labeled as cutting oil, one near empty container labeled as denatured alcohol, and five unlabelled containers that were partially full to full. At the rear of the parking lot there were two additional full 55-gallon drums. One drum was labeled as analysis pending and the second as Texaco RN-1030, Regal R&O 32. Mr. Manfre indicated that the second drum is compressor oil and mostly water.

Five 1-gallon paint cans were observed within a chemical storage cabinet situated inside the fence at Metropolitan Avenue. Four empty 55-gallon drums were also observed within the fenced area of Metropolitan Avenue, but away from the storage cabinet. Within the fenced area of North First Street, six empty 55-gallon drums were observed. According to Mr. Manfre, these drums are associated with a contractor's activity at the site. Six additional drums, containing investigative derived waste associated with the activities described in this report, are situated on a drum storage pad within the former Pfizer property.

A chemical storage shed is situated on the former Pfizer property. This shed was not opened during the site walk. According to the Phase I Report dated September 10, 1999 that cites Con Edison personnel, the shed was installed by Con Edison for spare boiler parts and empty 55-gallon drum storage.

The two steel containers within the truck filling facility REC (7) were inspected during the site activities. Although the usage of these containers was not identified during the inspection, the containers are currently empty as determined by sounding the containers. The construction of the containers appears to be thin walled galvanized steel, and not stainless steel as reported in the September 10, 1999 Phase I Report. Therefore, it is not likely that these containers were used to store hazardous materials. The containers are approximately 55-gallons each.

Eleven ASTs were observed at exterior areas of the site, four of which are situated on the former Pfizer property. The former Pfizer property tanks include three tanks for molasses storage and one AST for sulfuric acid storage. According to the Phase I Report dated September 10, 1999 that cites conversations with Con Edison personnel, the sulfuric acid tank is empty and removed from service before transfer of the property to Con Edison. The capacities of the three molasses ASTs are 2 million gallons, 3 million gallons and approximately 20,000 gallons. According to Con Edison personnel, as cited in the Phase I Report (H2M, 1999), the two larger tanks were removed from service before transfer of the property to Con Edison. Reportedly, between 18 and 24 inches of molasses remain in these tanks. The 20,000 gallon tank is elevated above a one story structure and was used to temporarily store heated molasses before transfer to trucks for transport (H2M, 1999). During the site activities, this AST was observed to be hard piped to the larger

molasses storage tanks and it was not readily accessible. A pressure gauge installed in the piping indicated no pressure in the piping.

The remaining seven exterior ASTs observed onsite include the six tanks that were previously used for fuel oil storage. As cited in the Phase I report (H2M, 1999) these tanks are out of service and have been certified as gas free. The remaining exterior AST is a condensing tank located west of the boiler house.

Interior ASTs include a 234-gallon tank used to store fuel oil for the emergency backup generator and a 3,000-gallon tank that was used to store 3% foamite (ethylene glycol) for fire suppression. Because these are ASTs and were observed to be in good condition, these tanks are not currently a recognized environmental concern.

3.3 SURFACE SOIL SAMPLING

Because ASTs, existing buildings, and asphalt paved areas cover the majority of the site, surface soil samples were not collected. During the test pit operations for clearing the upper 5 feet for borehole advancement, the entire 0 to 5-foot bgs interval was inspected to identify any potential environmental impacts and samples were collected if deemed necessary. Eight samples were collected from the 0 to 4 feet bgs interval after the material was exposed prior to borehole advancement. The sample collection is described in Section 3.4.2 below with results presented in Section 4. The objective of the surface soil sampling was to partly assess the long term industrial nature of the site including previous site operations described as REC (4).

3.4 SUBSURFACE SAMPLING

3.4.1 Site Set Up

Prior to the commencement of the subsurface investigation, Eastern Locating (Eastern) was contacted to mark the utilities at the site. On November 30, 1999, Eastern used m-scopes or similar devices in an attempt to identify the orientations of potential utilities near the proposed subsurface sampling locations. A LMS representative was on site during the utility mark out so that any potential changes in borehole locations could be made if necessary to ensure utility clearance. After the subsurface utilities were marked, LMS directed the excavation of the upper 5 feet at each borehole location. These 5-foot excavations were advanced by soil vacuuming and hand digging. LMS contracted Allstate PowerVac (Allstate) of Brooklyn, NY to complete the hand digging and soil vacuum excavations. Allstate was on site from December 2, through December 8, 1999 excluding weekends.

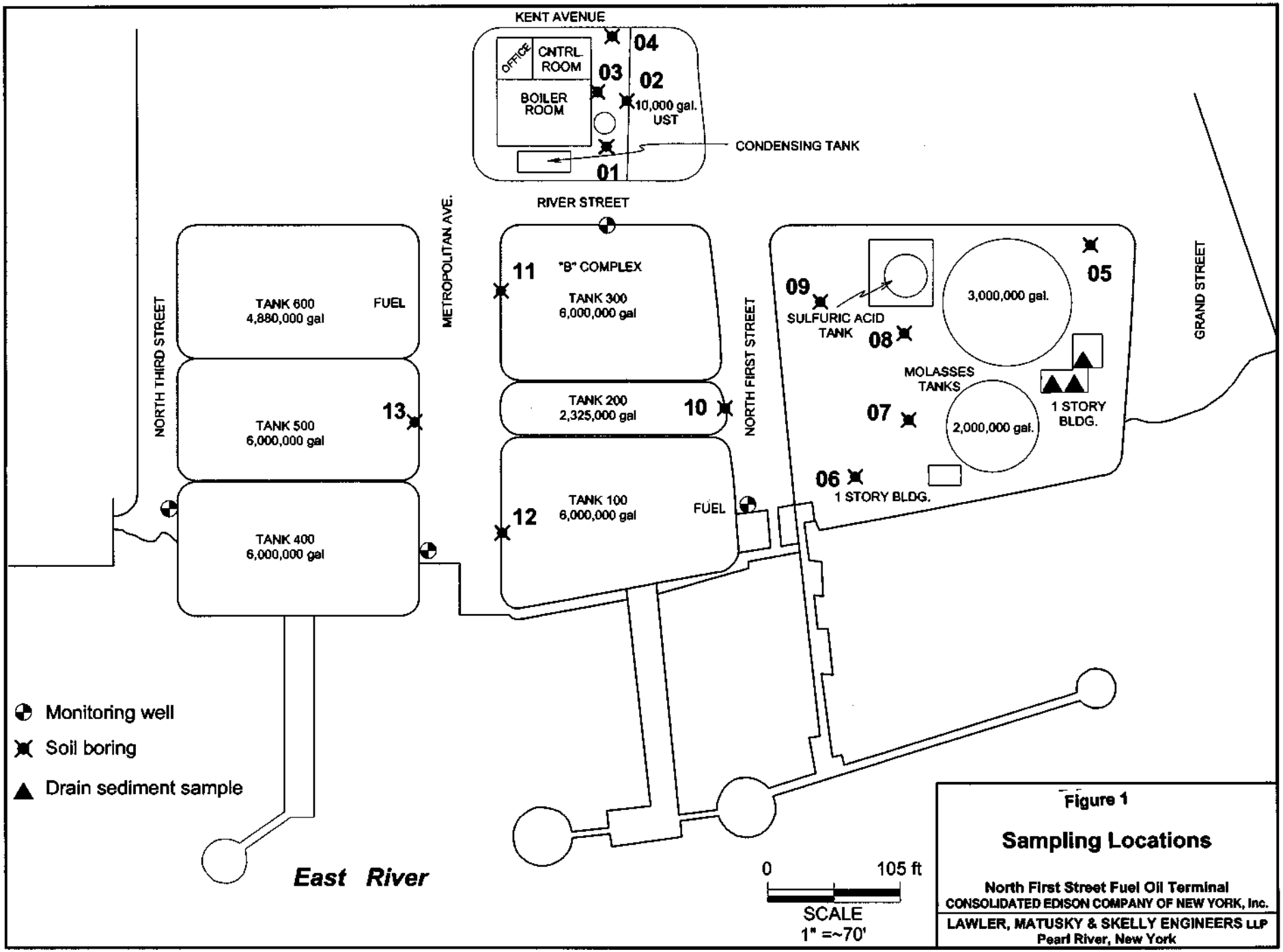
3.4.2 Soil Borings

From December 2 through December 10, 1999, thirteen (13) borings were advanced at the site (Figure 1) using a mobile AMS drill rig provided by LMS. An LMS inspector directed the driller to advance sample tubes for soil collection. The probe samples were advanced using a truck mounted probe unit using a direct push hydraulic hammer system. Soil samples were collected in 4-ft intervals, using a 1.5-in. inside diameter (ID) macro core soil sampler. The sampler was hammered to the desired sampling depth using the hydraulic system. Soil cores were recovered in dedicated acetate liners that were fitted with a steel sampler prior to advancement. Upon removal from the sampler, the soil was placed into laboratory cleaned sampling jars if impacted material was observed, odorous or was otherwise suspected to be present. The head space of the sample jar was screened using a PID after a short period of time. PID readings were noted on the boring log with sample interval, soil description, moisture content, color and evidence of potential impacts (odor, sheen). Completion depths and field observations during the drilling activities are documented in the geologic logs (Appendix D). Locations of the borings advanced at the site are shown on Figure 1. The objective of advancing each boring for sample collection was provided in the Work Plan (Appendix A).

Soil samples were placed in glass jars and labeled with the appropriate site name, job number, sample location/identification, date, time, sampler, and parameters for analysis. Additional samples were collected continuously at lower depths unless refusal limited recovery. Refusal was encountered in only one boring, B-5 at 8 feet bgs. Each additional sample was collected using new acetate liners and the same sampling protocol described above. Upon encountering the completion depth, the borehole was backfilled to grade level.

Wall scrapes were collected from the 0 to 4 foot bgs interval if staining, odors or other evidence of a potential impact was observed. The 0 to 4 feet bgs interval was sampled at eight boreholes including borings S-02, S-05, S-06, and S-09 through S-13. Wall scrape and subsurface samples collected at borings S-06 and S-09 through S-13 were advanced to assess the long term industrial nature and previous site operations at the site.

Upon removal from the borehole, the samples were described, field screened using a PID. This information has also been recorded on the geologic logs. If appropriate, a portion of the sample was composited and transferred to laboratory-provided sample containers. Samples transferred to containers were either collected at the water table or at intervals that showed some evidence that the material was impacted. These samples were submitted to Environmental Testing Laboratories (ETL), a New York State certified laboratory, for analyses. A summary of all samples collected for laboratory analyses including the date collected and requested parameter is provided in Table 1. According to the Work Plan for this site, at least one and a maximum of three samples were to


KENT AVENUE
OFFICE
CNTRL ROOM
BOILER ROOM
04
03
02
10,000 gal. UST
CONDENSING TANK
01
RIVER STREET
METROPOLITAN AVE.
NORTH THIRD STREET
NORTH FIRST STREET
GRAND STREET
TANK 600
4,880,000 gal
FUEL
TANK 500
6,000,000 gal
13
TANK 400
6,000,000 gal
11
"B" COMPLEX
TANK 300
6,000,000 gal
TANK 200
2,325,000 gal
10
TANK 100
6,000,000 gal
FUEL
12
09
SULFURIC ACID TANK
08
3,000,000 gal.
05
MOLASSES TANKS
07
2,000,000 gal.
1 STORY BLDG.
06
1 STORY BLDG.
Monitoring well
Soil boring
Drain sediment sample
East River
0
105 ft
SCALE
1" =~70'
Figure 1
Sampling Locations
North First Street Fuel Oil Terminal
CONSOLIDATED EDISON COMPANY OF NEW YORK, Inc.
LAWLER, MATUSKY & SKELLY ENGINEERS LLP
Pearl River, New York

be collected at each boring. However, four samples were collected at borings S-2 and S-4 because of the impacted soil conditions encountered during the drilling.

PID readings above background levels were measured only in the borings advanced within the asphalt parking area adjacent to Kent Avenue (REC 8): borings S-01, S-02, S-03, and S-04. At S-01, the highest PID readings were measured from the samples collected at 8 to 12 feet bgs and 12-16 feet bgs. In both intervals, the PID reading was 500 parts per million (ppm). At S-02, the highest PID reading (750 ppm) was measured in the 12 to 16 foot bgs interval. The 8 to 12 foot bgs interval also had an elevated reading, peaking at 500 ppm. At S-04, the highest PID reading was measured in the 12 to 16 foot bgs interval (650 ppm). Elevated readings were also measured in the 16 to 20 foot bgs (500 ppm) and 8 to 12 foot bgs (10 ppm) intervals. At boring S-03, elevated PID readings were also measured, but the readings were not as high as measured in the other three borings advanced in this area. The highest reading measured at S-03 was 200 ppm in the 12 to 16 foot bgs interval, although the 8 to 12 foot bgs interval also had a reading of 50 ppm. No other samples collected at the site had elevated PID readings. All PID readings were recorded on the appropriate geologic logs (Appendix D).

As a result of the PID readings at S-02 and the strong odors noted, Con Edison notified NYSDEC of the observations on December 10, 1999. An environmental detailed incident report was prepared (Incident ID 129261), noting that a spill of an unknown fluid was observed next to a paint factory. A previous report (Spill # 96-04977) was submitted to NYSDEC on July 15, 1996 following sample collection within 30 feet of the S-02 boring. The amount of spill noted in the report was 1 ounce.

Because four (4) monitoring wells currently exist at the site (Figure 1), no additional permanent groundwater monitoring wells were installed. However, groundwater samples were collected from the exiting monitoring wells and selected borings as discussed in the following section.

During the site set-up, a decontamination pad and a drum storage pad were constructed. All downhole equipment that was exposed to potentially impacted materials was decontaminated before re-use at another location. Decontamination procedures consisted of washing the downhole drilling equipment with a non-phosphate soap and water wash followed by a distilled rinse. Sampling tools used to transfer the sample from the split spoon to the sample jars were lab decontaminated before the site activities. The decontamination fluids were transferred to 55-gallon drums provided by Con Edison.

Locations of all soil borings were measured from existing and permanent site features. The measurements were collected in a way so that each location can be revisited if necessary. The measurements were recorded in a field logbook or on a boring log as appropriate. No formal survey of sample locations and elevations occurred.

3.4.3 Groundwater Sampling

Groundwater samples were collected from borings S-01, S-02, S-04, S-06, and S-08 using a disposable driving point and screen with the AMS Power Probe. A summary of the analytical protocol is included as Table 1. When the desired sampling interval was reached, the 1.5 inch outer diameter rods were pulled back two feet to allow the disposable point to become detached from the rods. The bottom of the rods has a screen that allows groundwater to infiltrate past the screen up inside the rods. Dedicated polyethylene tubing with a check valve and ball bearing was lowered inside the rods. The water was transported to the surface through the tubing and transferred to the appropriate sampling jars.

Groundwater samples were initially proposed for collection at S-1, S-2, S-3, S-4, S-5, and S-6. However, the groundwater samples were collected at S-1, S-2, S-4, S-6, and S-8. With the exception of sample S-06, each sample was identified by a "W" followed by the borehole number.

Upon completion of each boring, a decision was made as to whether to collect a groundwater sample from the boring based on PID readings, observations of the samples collected and whether any odors were noted. A sample was not collected from S-3 because the PID readings were not as high in this boring as compared to other borings advanced in this area. At S-5, a sample was not collected because refusal was encountered and there was no evidence of potential impacts associated with the 2,000 gallon UST that previously existed near this area. S-5 was advanced to a depth (8 feet bgs) that would generally be coincident with the bottom of an UST. However, a sample was added at the S-8 boring to assess groundwater conditions near the sulfuric acid tank and the mycelium disposal area described as REC (2).

With the exception of the sample collected at S-4 (identified as W-4), all samples were analyzed for VOCs, SVOCs, pesticides/PCBs, filtered and unfiltered TAL metals. The W-4 sample was submitted for VOCs only because of the slow recharge rate at this boring. Table 1 lists the boring number, sampling date, and sample parameters for both soil and groundwater sampling.

Because this site has four existing monitoring wells, no new monitoring wells were installed. However, groundwater samples were collected from these existing wells to assess groundwater conditions at the site. Historic sample results from Con Edison annual groundwater testing provided data for base neutral compounds for these wells with the results indicating low levels or no detectable concentrations of the compounds being detected. However, the annual testing did not include VOCs or other parameters. Therefore, to assess the groundwater at these areas of the site, the groundwater samples were submitted for VOCs, SVOCs, pesticides/PCBs, metals and cyanide analyses. A 2-inch diameter, stainless steel Grundfos pump was used to purge the

monitoring wells before a disposable polyethylene bailer was used for the sample collection. Well sampling logs are included as Appendix E.

The sampling activity commenced by opening the well and immediately collecting a headspace reading to assess any vapors that may be present. A depth to groundwater measurement was then collected to determine the groundwater elevation and the amount of water to be removed for each well volume. Each well was be purged of at least three (3) well volumes before the groundwater samples are collected. The purged groundwater was contained in 55-gallon drums and handled following the waste handling procedures described in the Work Plan. Following purging, the wells were allowed to recover until either 90% of the initial static water level or two (2) hours after completion of purging, whichever occurred first. Groundwater samples were collected by lowering the dedicated polyethylene bailer below the water surface and then raising it from the well. The VOC containers were filled first, followed by SVOCs, pesticides/PCBs, and metals/cyanide. A trip blank for VOCs accompanied the sample containers from the laboratory through the field sampling and delivery to the laboratory. A blind duplicate sample identified as MW-5 was also collected from MW-4. Samples were also collected for matrix spike/matrix spike duplicate (MS/MSD) analyses from this well. However, the laboratory analyzed the samples for total concentrations rather than the MS/MSD analyses.

3.5 SURFACE WATER SAMPLING

During the field activities, the bulkhead was inspected at low tide for any visual discharges including sheens or discolored leachate. No visual discharges were noted during the bulkhead inspection. Therefore, in accordance with the Work Plan, no quantitative surface water sampling occurred.

3.6 SEDIMENT SAMPLING

Because no visual discharges were observed, no sediment samples were collected from the perimeter of the site. In addition, as per the Work Plan, this investigation focused on the site and not the adjacent waterway. Sediment samples were collected from the East River during a previous investigation (Miller, 1993). The results of these samples showed that sediments have the common constituents of the East River sediment.

A manhole within the truck weighing structure was sampled using a four foot acetate liner. The liner was lowered into the hole and the sample was collected inside the liner that was immediately collected for VOCs. A storm drain (D-01) just outside of the truck weighing structure located to the north between the building and the larger tank (110 foot diameter) was sampled using the same method. The approximate locations of the manhole and storm drain are shown on Figure 1. The purpose of the sediment samples is to assess the nature of materials that

may have accumulated or passed through the drainage system during the previous site operations.

The material was then be transferred to a decontaminated stainless steel bowl, homogenized and transferred to the appropriate laboratory supplied sample containers for SVOCs, pesticides/PCBs, and metals analyses. All equipment that has come in direct contact with the material that was sampled was decontaminated before re-use.

3.7 SAMPLE HANDLING

The sampling activities discussed in this report followed the procedures described in the QA/QC plan for this site. All materials that were sampled were transferred to laboratory supplied sample containers immediately following collection. In general, the portion of the sample collected for VOCs was transferred to the sample containers first to minimize any potential loss of VOCs. Upon collection, each container was labeled according to the sample identification. The parameter, date, time, person collecting the sample, preservative and site location were also indicated on the sample container label. The sample containers were then placed in an iced cooler maintained at 4° Celsius. An ETL chain of custody was prepared to track the sample containers from collection through delivery to ETL. Sample coolers were secured with chain of custody seals. All sample coolers were delivered to the ETL by overnight courier. Bubble wrap or other packaging materials to limit potential container breakage protected all samples submitted to the laboratory. Coolers forwarded by overnight courier were adequately secured with packaging tape to prevent the cooler from opening during shipment.

As per the Work Plan for this site, LMS collected some samples for matrix spike matrix spike duplicate (MS\MSD) analyses. However, after some of the work had been initiated at the site, Con Edison requested that the MS\MSD samples be removed from the analytical protocol. Because some samples had already been collected and submitted for these analyses, the laboratory analyzed these samples for total analyses without performing the requested MS\MSD analyses. The total analyses of these samples, as reported by the laboratory, are included in this report.

4. SAMPLE RESULTS

All laboratory analytical results discussed herein are from final data that was supplied by ETL to meet the schedule for this investigation. The data (Appendix F) has been QA\QC reviewed and is final. Therefore, the QA\QC of the data incorporated in this report has been validated by ETL.

4.1 SOILS

Results of the volatile organic compound analyses (Table 2) show total VOC concentrations ranging from not detected in the sample collected from 4 to 8 feet bgs at S-12 (S-12B) to 25,695 mg/kg in the sample collected from 12 to 16 feet bgs at boring S-02 (S-02D). Total VOC concentrations exceeded the NYSDEC recommended soil cleanup objectives (10 mg/kg) in 9 samples. With the exception of one sample (S-09B), all of these exceedances were from samples collected in the asphalt parking area adjacent to Kent Avenue. Exceedances were detected in all of the four borings advanced in this area. In general, the highest total concentrations were detected in the sample collected from 12 to 16 feet bgs at each boring. Groundwater was first encountered at approximately 14 feet bgs in each of the four borings advanced in this area. Samples were also collected below the groundwater table at S-01 and S-04 (16 to 20 feet bgs) with the total concentrations decreasing with depth. However, the total VOC concentration (88.8 mg/kg) detected at this interval in the S-04 boring (S-04E) remained above the cleanup objective. The individual VOCs that were detected above their respective cleanup objectives include the following:

Compound	Cleanup Objective (mg/kg)	Total Exceedances (of 33 samples)	High Concentration (mg/kg)	Sample Location of High Exceedance
Acetone	0.2	5	191	S-04, 12-16
Methylene Chloride	0.1	6	2.73	S-02, 12-16
1,1,1-Trichloroethane	0.8	2	2.43	S-02, 12-16
Benzene	0.06	2	0.491	S-02, 12-16
Trichloroethene	0.7	1	0.726	S-02, 12-16
Toluene	1.5	7	4,900	S-02, 12-16
Tetrachloroethene	1.4	2	9.35	S-02, 12-16
Ethylbenzene	5.5	8	3,350	S-02, 12-16
m,p-xylene	1.2	10	13,700	S-02, 12-16
o-xylene	1.2	6	3,640	S-02, 12-16

The primary VOCs that led to the total concentration exceedances were benzene, toluene, ethylbenzene, and xylenes (BTEX). These constituents are consistent with a liquid sample collected by others during the cathodic protection installation for the tank although lower in concentration. The total BTEX concentration previously detected in the sample collected from this area was 876,000mg/l (Con Edison fax from J. Manfre to Mariela Gonzalez, no date).

At S-02, 1,1,1-trichloroethane and tetrachloroethene (PCE) were detected in the samples collected from 8 to 12 (S-02C) and 12 to 16 feet (S-02D) bgs samples. Trichloroethene (TCE) was detected in one sample, S-02 from 12 to 16 feet bgs (S-02D). These compounds were detected in concentrations exceeding the cleanup objectives by an order of magnitude or less and were not detected in any other soil samples collected during this site investigation. Acetone (at S-01 and

SOIL DATA SUMMARY
NORTH FIRST STREET SITE
Site No.: 115-193

Sample ID: / Lab ID: / Sampling Date:	S-01B J4660-10 12/9/99	S-01C J4660-11 12/9/99	S-01D J4660-12 12/9/99	S-01E J4660-13 12/9/99	S-02A J4660-6 12/9/99	S-02B J4660-7 12/9/99	S-02C J4660-8 12/9/99	S-02D J4660-9 12/9/99	RECOMMENDED SOIL CLEANUP OBJECTIVES (a)
Volatile Organic Compounds (mg/kg)									
1,1,2-Trichlorotrifluoroethane	< 0.00039	< 0.0288	< 0.0276	< 0.0286	< 0.00041	< 0.0004	< 0.027	< 0.028	N/A
Acetone	**0.228**	< 0.213	< 0.204	< 0.212	< 0.0031	< 0.00297	< 0.2	< 0.207	0.2
Carbon disulfide	< 0.00047	< 0.0446	< 0.0428	< 0.0443	< 0.0005	< 0.00048	< 0.0418	< 0.0434	2.7
Methylene Chloride	0.0083	< 0.059	< 0.0566	< 0.0586	0.0079	0.0074	**0.687**	**2.73**	0.1
2-Butanone	0.0322	< 0.36	< 0.345	< 0.358	< 0.00237	< 0.00227	< 0.338	< 0.35	0.3
1,1,1-Trichloroethane	< 0.0001	< 0.0288	< 0.0276	< 0.0286	< 0.00011	< 0.00011	**0.97**	**2.43**	0.8
Benzene	< 0.00041	< 0.0144	< 0.0138	< 0.0143	< 0.00044	< 0.00042	**0.236**	**0.491**	0.06
Trichloroethene	< 0.00018	< 0.0288	< 0.0276	< 0.0286	< 0.0002	< 0.00019	0.315	**0.726**	0.7
Toluene	0.107	**8.36**	**15**	0.782	0.335	0.0056	**2160**	**4900**	1.5
Tetrachloroethene	< 0.00026	< 0.0158	< 0.0152	< 0.0157	< 0.00028	< 0.00027	**4.73**	**9.35**	1.4
Ethylbenzene	< 0.00047	**12.4**	**46.4**	0.538	0.0265	0.0735	**1590**	**3350**	5.5
m,p-xylene	0.0391	**58.4**	**208**	**2.79**	0.0918	**4.63**	**6510**	**13700**	1.2
o-xylene	0.0088	**15.1**	**62.6**	0.878	0.0256	0.0437	**1720**	**3640**	1.2
Isopropylbenzene	< 0.00013	0.172	0.633	< 0.0372	< 0.00013	0.0048	16.8	29.5 e	N/A
n-Propylbenzene	< 0.00038	< 0.0302	0.25	< 0.03	< 0.0004	< 0.00039	3.96	7.81	N/A
p-Ethyltoluene	< 0.00022	0.24	0.913	< 0.0229	< 0.00023	0.0092	13.9	27 e	N/A
1,3,5-Trimethylbenzene	< 0.00024	< 0.049	0.232	< 0.0486	< 0.00026	0.0064	3.35	6.53	N/A
1,2,4-Trimethylbenzene	< 0.00013	0.122	0.506	< 0.0315	< 0.00013	0.0055	7.8	14.9	N/A
sec-Butylbenzene	< 0.00015	< 0.0403	< 0.0386	< 0.04	< 0.00016	< 0.00015	< 0.0378	< 0.0392	N/A
4-Isopropyltoluene	< 0.00021	< 0.0346	< 0.0331	< 0.0343	< 0.00022	< 0.00021	0.252	0.542	N/A
p-Diethylbenzene	< 0.00034	< 0.0259	< 0.0248	< 0.0257	< 0.00037	< 0.00035	1.05	2.28	N/A
n-Butylbenzene	< 0.00023	< 0.0173	< 0.0166	< 0.0172	< 0.00024	< 0.00023	0.244	0.539	N/A
1,2,4,5-Tetramethylbenzene	< 0.00022	< 0.0274	< 0.0262	< 0.0272	< 0.00023	< 0.00022	< 0.0256	0.136	N/A
Naphthalene	< 0.00034	< 0.0274	< 0.0262	< 0.0272	0.0042	0.0066	< 0.0256	0.134	N/A
Total VOCs:	0.423	**94.79**	**334.53**	4.99	0.491	4.79	**12034.3**	**25,695.1**	10

< - Not detected at analytical reporting limit.
(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
b - Found in associated blanks.
j - Estimated concentration; compound present below quantitation limit.
Note - Numbers in bold exceed standard.

SOIL DATA SUMMARY
NORTH FIRST STREET SITE
Site No.: 115-193

Sample ID: / Lab ID: / Sampling Date:	S-03B J4677-3 12/10/99	S-03C J4677-4 12/10/99	S-03D J4677-5 12/10/99	S-04B J4660-2 12/9/99	S-04C J4660-3 12/9/99	S-04D J4660-4 12/9/99	S-04E J4660-5 12/9/99	S-05A J4655-7 12/6/99	S-05B J4655-8 12/6/99	RECOMMENDED SOIL CLEANUP OBJECTIVES (a)
Volatile Organic Compounds (mg/kg)										
1,1,2-Trichlorotrifluoroethane	< 0.00107	< 0.00078	< 0.0864	< 0.00082	< 0.0386	< 0.0304	< 0.029	< 0.00069	< 0.00063	N/A
Acetone	< 0.00431	0.08	< 0.639	**2.19**	**126**	**191**	**61.8**	< 000525	< 0.00482	0.2
Carbon disulfide	0.0074	< 0.00094	< 0.134	< 0.00098	< 0.0598	< 0.0471	< 0.045	< 0.00033	< 0.0003	2.7
Methylene Chloride	**0.176**	0.0089	**0.444**	< 0.0011	< 0.0791	**0.288**	**0.229**	0.0028 b	0.0027 b	0.1
2-Butanone	< 0.00233	< 0.00444	< 1.08	< 0.00466	< 0.482	< 0.38	< 0.362	< 0.00304	< 0.00279	0.3
1,1,1-Trichloroethane	< 0.00025	< 0.00021	< 0.0864	< 0.00022	< 0.0386	< 0.0304	< 0.029	< 0.00034	< 0.00031	0.8
Benzene	< 0.00032	< 0.00082	< 0.0432	< 0.00086	< 0.0193	< 0.0152	< 0.0145	< 0.00034	< 0.00031	0.06
Trichloroethene	< 0.00039	< 0.00037	< 0.0864	< 0.00038	< 0.0386	< 0.0304	< 0.029	< 0.00036	< 0.00033	0.7
Toluene	0.0166	0.0267	< 0.0648	0.0072	0.401	**742**	**22.3**	0.0021	0.0031	1.5
Tetrachloroethene	< 0.00018	< 0.00053	< 0.0475	< 0.00055	< 0.0212	0.844	< 0.0159	< 0.00034	< 0.00031	1.4
Ethylbenzene	0.0692	0.382	**77.2**	< 0.00098	< 0.0367	**79.6**	**0.719**	< 0.00041	< 0.00038	5.5
m,p-xylene	0.024	**1.4**	< 0.121	0.0067	< 0.054	**170**	**2.96**	< 0.00076	< 0.0007	1.2
o-xylene	0.0084	0.48	< 0.0691	< 0.00094	< 0.0309	**86.9**	0.793	< 0.00034	< 0.00031	1.2
Isopropylbenzene	< 0.00023	0.0064	2	< 0.00026	< 0.0502	1.32	< 0.0377	< 0.00031	< 0.00029	N/A
n-Propylbenzene	< 0.00032	0.0028	0.928	< 0.00079	< 0.0405	0.264	< 0.0305	< 0.00045	< 0.00041	N/A
p-Ethyltoluene	< 0.00055	0.0086	< 0.0691	< 0.00046	< 0.0309	1.04	< 0.0232	< 0.00038	< 0.00034	N/A
1,3,5-Trimethylbenzene	< 0.00027	0.0021	< 0.147	< 0.0005	< 0.0656	0.312	< 0.0493	< 0.00036	< 0.00033	N/A
1,2,4-Trimethylbenzene	< 0.0003	0.006	< 0.095	< 0.00026	< 0.0425	0.888	< 0.0319	< 0.0004	< 0.00037	N/A
sec-Butylbenzene	< 0.000091	< 0.0003	< 0.121	< 0.00031	< 0.054	< 0.0426	< 0.0406	< 0.00044	< 0.0004	N/A
4-Isopropyltoluene	< 0.00023	< 0.00041	< 0.104	< 0.00043	< 0.0463	0.197	< 0.0348	< 0.00044	< 0.0004	N/A
p-Diethylbenzene	< 0.00062	< 0.00069	< 0.0778	< 0.00072	< 0.0347	< 0.0274	< 0.0261	< 0.0004	< 0.00037	N/A
n-Butylbenzene	< 0.00032	< 0.00046	< 0.0518	< 0.00048	< 0.0232	0.15	< 0.0174	< 0.00047	< 0.00043	N/A
1,2,4,5-Tetramethylbenzene	< 0.00062	< 0.00044	< 0.0821	< 0.00046	< 0.0367	0.212	< 0.0275	< 0.00036	< 0.00033	N/A
Naphthalene	0.0029	< 0.00069	< 0.0821	< 0.00072	< 0.0367	0.439	< 0.0275	< 0.00067	< 0.00061	N/A
Total VOCs:	0.305	2.404	**80.57**	2.204	**126.4**	**1275.5**	**88.8**	0.0049	0.0058	10

< - Not detected at analytical reporting limit.
(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
b - Found in associated blanks.
j - Estimated concentration; compound present below quantitation limit.
Note - Numbers in bold exceed standard.

SOIL DATA SUMMARY
NORTH FIRST STREET SITE
Site No.: 115-193

Sample ID: / Lab ID: / Sampling Date:	S-06A J4652-6 12/3/99	S-07 J4652-4 12/3/99	S-06B J4655-9 12/6/99	S-08B J4655-1 12/6/99	S-08C J4655-2 12/6/99	S-09A J4655-3 12/6/99	S-09B J4655-4 12/6/99	S-10A J4678-5 12/8/99	RECOMMENDED SOIL CLEANUP OBJECTIVES (a)
Volatile Organic Compounds (mg/kg)									
1,1,2-Trichlorotrifluoroethane	< 0.00041	< 0.00066	< 0.00041	< 0.00069	< 0.00068	< 0.00039	< 0.0377	0.0117	N/A
Acetone	< 0.00307	< 0.00499	**0.218**	0.0442	< 0.00521	< 0.00291	< 0.188	< 0.0142	0.2
Carbon disulfide	< 0.0005	< 0.00031	0.0025	< 0.00033	< 0.00032	< 0.00047	< 0.0305	< 0.00229	2.7
Methylene Chloride	0.021	0.0091	0.0092	0.0042 b	0.003 b	< 0.00052	< 0.0435	< 0.00257	0.1
2-Butanone	< 0.00235	< 0.00289	< 0.00235	< 0.00304	< 0.00301	< 0.00221	< 0.119	< 0.0108	0.3
1,1,1-Trichloroethane	< 0.00011	< 0.00032	< 0.00011	< 0.00034	< 0.00034	< 0.0001	< 0.045	< 0.0005	0.8
Benzene	< 0.00044	< 0.00032	0.0021	< 0.00034	< 0.00034	< 0.00041	< 0.0203	< 0.00201	0.06
Trichloroethene	< 0.00019	< 0.00034	< 0.00019	< 0.00036	< 0.00036	< 0.00018	< 0.0392	< 0.00089	0.7
Toluene	< 0.0003	< 0.00038	0.0022	0.0175	0.0016	0.0104	**130**	< 0.00139	1.5
Tetrachloroethene	< 0.00028	< 0.00032	< 0.00028	< 0.00034	< 0.00034	< 0.00026	< 0.0406	< 0.00128	1.4
Ethylbenzene	< 0.0005	< 0.00039	< 0.0005	< 0.00041	< 0.00041	< 0.00047	**14.6**	< 0.00229	5.5
m,p-xylene	< 0.0004	< 0.00072	0.0028	< 0.00076	< 0.00076	0.0073	**71.2**	< 0.00184	1.2
o-xylene	< 0.00047	< 0.00032	< 0.00047	< 0.00034	< 0.00034	0.0033	**20**	< 0.00218	1.2
Isopropylbenzene	< 0.00013	< 0.0003	< 0.00013	< 0.00031	< 0.00031	< 0.00013	0.231	< 0.00061	N/A
n-Propylbenzene	< 0.0004	< 0.00043	< 0.0004	< 0.00045	< 0.00044	< 0.00038	< 0.0406	< 0.00184	N/A
p-Ethyltoluene	< 0.00023	< 0.00036	< 0.00023	< 0.00038	< 0.00037	< 0.00022	< 0.0493	0.0356	N/A
1,3,5-Trimethylbenzene	< 0.00025	< 0.00034	< 0.00025	< 0.00036	< 0.00036	< 0.00024	< 0.0435	0.199	N/A
1,2,4-Trimethylbenzene	< 0.00013	< 0.00038	0.00087	< 0.0004	< 0.0004	< 0.00013	< 0.0363	0.0235	N/A
sec-Butylbenzene	< 0.00016	< 0.00041	< 0.00016	< 0.00044	< 0.00043	< 0.00015	< 0.0363	0.04	N/A
4-Isopropyltoluene	< 0.00022	< 0.00041	< 0.00022	< 0.00044	< 0.00043	< 0.00021	13.6	0.184	N/A
p-Diethylbenzene	< 0.00036	< 0.00038	< 0.00036	< 0.0004	< 0.0004	< 0.00034	< 0.0464	< 0.00167	N/A
n-Butylbenzene	< 0.00024	< 0.00045	< 0.00024	< 0.00047	< 0.00047	< 0.00023	< 0.0392	0.0861	N/A
1,2,4,5-Tetramethylbenzene	< 0.00023	< 0.00034	< 0.00023	< 0.00036	< 0.00036	< 0.00022	< 0.0275	0.961	N/A
Naphthalene	< 0.00036	< 0.00063	0.0142	< 0.00067	< 0.00066	< 0.00034	< 0.0261	0.057	N/A
Total VOCs:	0.021	0.0091	0.252	0.0659	0.0046	0.021	**249.8**	1.598	10

< - Not detected at analytical reporting limit.
(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
b - Found in associated blanks.
j - Estimated concentration; compound present below quantitation limit.
Note - Numbers in bold exceed standard.

SOIL DATA SUMMARY
NORTH FIRST STREET SITE
Site No.: 115-193

Sample ID: / Lab ID: / Sampling Date:	S-10B J4678-6 12/8/99	S-10C J4678-9 12/8/99	S-11A J4678-7 12/8/99	S-11B J4678-8 12/8/99	S-12A J4678-3 12/8/99	S-12B J4678-4 12/8/99	S-13A J4655-6 12/6/99	S-13B J4655-5 12/6/99	ER-1 J4655-10 12/6/99	RECOMMENDED SOIL CLEANUP OBJECTIVES (a)
Volatile Organic Compounds (mg/kg)										
1,1,2-Trichlorotrifluoroethane	< 0.0004	0.0033	< 0.00039	< 0.00041	< 0.00042	< 0.00039	< 0.00074	< 0.00066	< 0.00026	N/A
Acetone	< 0.00297	< 0.0031	< 0.0029	< 0.00305	0.109	< 0.0029	< 0.00564	0.0279	< 0.0013	0.2
Carbon disulfide	< 0.00048	< 0.0005	< 0.00047	0.00083	0.0045	< 0.00047	< 0.00035	< 0.00031	0.0015	2.7
Methylene Chloride	< 0.00054	< 0.00056	0.0436	0.0019	0.0055	< 0.00052	0.0024 b	0.0028 b	< 0.0003	0.1
2-Butanone	< 0.00227	< 0.00237	< 0.00221	< 0.00233	< 0.00241	< 0.00221	< 0.00326	< 0.00289	< 0.00082	0.3
1,1,1-Trichloroethane	< 0.00011	< 0.00011	< 0.0001	< 0.00011	< 0.00011	< 0.0001	< 0.00036	< 0.00032	< 0.00031	0.8
Benzene	< 0.00042	< 0.00044	< 0.00041	< 0.00043	< 0.00045	< 0.00041	< 0.00036	< 0.00032	< 0.00014	0.06
Trichloroethene	< 0.00019	< 0.0002	< 0.00018	< 0.00019	< 0.0002	< 0.00018	< 0.00039	< 0.00034	< 0.00027	0.7
Toluene	0.0025	0.00091	< 0.00028	< 0.0003	0.0054	< 0.00028	< 0.00043	0.0021	< 0.00016	1.5
Tetrachloroethene	< 0.00027	< 0.00028	< 0.00026	< 0.00028	< 0.00029	< 0.00026	< 0.00036	< 0.00032	< 0.00028	1.4
Ethylbenzene	< 0.00048	< 0.0005	< 0.00047	< 0.00049	< 0.00051	< 0.00047	< 0.00044	< 0.00039	< 0.00021	5.5
m,p-xylene	< 0.00039	< 0.0004	0.0025	0.0021	0.0047	< 0.00038	< 0.00082	0.0019	< 0.00045	1.2
o-xylene	< 0.00046	< 0.00048	< 0.00044	< 0.00047	< 0.00048	< 0.00044	< 0.00036	< 0.00032	< 0.00027	1.2
Isopropylbenzene	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00014	< 0.00013	< 0.00034	< 0.0003	< 0.00021	N/A
n-Propylbenzene	< 0.00039	< 0.0004	< 0.00038	< 0.0004	< 0.00041	< 0.00038	< 0.00048	< 0.00043	< 0.00028	N/A
p-Ethyltoluene	< 0.00022	< 0.00023	< 0.00022	< 0.00023	< 0.00024	< 0.00022	< 0.0004	< 0.00036	< 0.00034	N/A
1,3,5-Trimethylbenzene	< 0.00025	< 0.00026	< 0.00024	< 0.00025	< 0.00026	< 0.00024	< 0.00039	< 0.00034	< 0.0003	N/A
1,2,4-Trimethylbenzene	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00014	< 0.00013	< 0.00043	< 0.00038	< 0.00025	N/A
sec-Butylbenzene	< 0.00015	< 0.00016	< 0.00015	< 0.00016	< 0.00016	< 0.00015	< 0.00047	< 0.00041	< 0.00025	N/A
4-Isopropyltoluene	< 0.00021	< 0.00022	< 0.00021	< 0.00022	< 0.00022	< 0.00021	< 0.00047	< 0.00041	< 0.00031	N/A
p-Diethylbenzene	< 0.00035	< 0.00037	< 0.00034	< 0.00036	< 0.00037	< 0.00034	< 0.00043	< 0.00038	< 0.00032	N/A
n-Butylbenzene	< 0.00023	< 0.00024	< 0.00023	< 0.00024	< 0.00025	< 0.00023	< 0.00051	< 0.00045	< 0.00027	N/A
1,2,4,5-Tetramethylbenzene	< 0.00022	< 0.00023	< 0.00022	< 0.00023	< 0.00024	< 0.00022	< 0.00039	< 0.00034	< 0.00019	N/A
Naphthalene	< 0.00035	< 0.00037	< 0.00034	< 0.00036	< 0.00037	< 0.00034	< 0.00071	< 0.00063	< 0.00018	N/A
Total VOCs:	0.0025	0.00421	0.0461	0.00483	0.1291	ND	ND	0.0347	0.0015	10

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b - Found in associated blanks.
j - Estimated concentration; compound present below quantitation limit.
Note - Numbers in bold exceed standard.

SOIL DATA SUMMARY

NORTH FIRST STREET SITE

Site No.: 115-193

Sample ID:	S-01B	S-01C	S-01D	S-01E	S-02A	S-02B	S-02C	S-02D	RECOMMENDED
Lab ID:	J4660-10	J4660-11	J4660-12	J4660-13	J4660-6	J4660-7	J4660-8	J4660-9	SOIL CLEANUP
Sampling Date:	12/9/99	12/9/99	12/9/99	12/9/99	12/9/99	12/9/99	12/9/99	12/9/99	OBJECTIVES (a)
Semivolatile Organic Compounds (mg/kg)									
Phenol	**0.0639**	**0.0784**	**0.136**	**0.0684**	**0.887**	**0.355**	**0.116**	< 0.0247	0.03 or MDL
Benzyl alcohol	< 0.0241	< 0.0236	< 0.406	< 0.44	< 0.436	< 0.436	< 0.0226	< 0.023	N/A
2-Methylphenol	< 0.0423	**0.539**	**0.194**	**0.087**	< 0.0391	< 0.0391	**0.295**	**0.174**	0.1 or MDL
3,4-Methylphenol	< 0.142	0.513	0.2	0.0951	< 0.0414	< 0.0414	0.305	0.179	0.9
Isophorone	< 0.04	< 0.0393	< 0.0471	< 0.051	< 0.0506	< 0.0506	< 0.0375	< 0.0382	4.4
2,4-Dimethylphenol	< 0.0384	0.881	0.632	0.139 j	< 0.319	< 0.319	0.28	0.16	N/A
2,4-Dichlorophenol	< 0.0581	< 0.0571	< 0.016	< 0.0174	< 0.0173	< 0.0173	< 0.0545	< 0.0555	0.4
Naphthalene	< 0.0301	< 0.0296	< 0.0278	< 0.0302	0.2	0.0458	< 0.0282	< 0.0288	13
2-Methylnaphthalene	< 0.0423	< 0.0416	< 0.0375	< 0.0406	0.156	0.0985	< 0.0397	< 0.0404	36.4
Acenaphthylene	< 0.0395	< 0.0388	< 0.031	< 0.0336	0.108	< 0.0333	< 0.0371	< 0.0378	41
Acenaphthene	< 0.0438	< 0.043	< 0.031	< 0.0336	0.122	< 0.0333	< 0.0411	< 0.0418	50***
Dibenzofuran	< 0.0464	< 0.0455	< 0.0364	< 0.0394	0.0965	< 0.0391	< 0.0435	< 0.0443	6.2
Diethylphthalate	< 0.0992	< 0.0975	< 0.0909	< 0.0986	< 0.0978	< 0.0978	< 0.093	< 0.0948	7.1
Fluorene	< 0.0437	< 0.0429	< 0.0439	< 0.0476	0.108	< 0.0472	< 0.041	< 0.0417	50***
N-nitrosodiphenylamine	< 0.0811	< 0.0796	< 0.0674	< 0.0731	< 0.0724	< 0.0724	< 0.076	< 0.0775	N/A
Pentachlorophenol	< 0.111	< 0.109	< 0.207	< 0.224	< 0.222	< 0.222	< 0.104	< 0.106	1.0 or MDL
Phenanthrene	< 0.0635	< 0.0624	< 0.061	< 0.0661	1.86	0.333	< 0.0595	< 0.0607	50***
Anthracene	< 0.0584	< 0.0573	< 0.0556	< 0.0603	0.337	0.074	< 0.0547	< 0.0557	50***
Di-n-butylphthalate	0.084 j b	0.0927 j b	0.0619 j b	0.0719 j b	0.0919 j b	0.0722 j b	0.106 b	0.14 b	8.1
Fluoranthene	< 0.074	< 0.0727	< 0.0726	< 0.0789	2.78	0.463	< 0.0694	< 0.0707	50***
Pyrene	< 0.07	< 0.0688	< 0.0738	< 0.08	3.35	0.463	< 0.0656	< 0.0669	50***
Butylbenzylphthalate	< 0.0993	< 0.0976	< 0.133	< 0.144	< 0.143	< 0.143	< 0.0931	< 0.0949	50***
3,3'-Dichlorobenzidine	< 0.0951	< 0.0934	< 0.276	< 0.299	< 0.297	< 0.297	< 0.0891	< 0.0908	N/A
Benzo(a)anthracene	< 0.068	< 0.0668	< 0.0685	< 0.0742	**1.39**	**0.202**	< 0.0637	< 0.0649	0.224 or MDL
Chrysene	< 0.0692	< 0.068	< 0.0674	< 0.0731	**1.53**	0.253	< 0.0649	< 0.0661	0.4
bis(2-Ethylhexyl)phthalate	0.0549 j b	0.0486 j b	0.0577 j b	0.191 b	0.501 b	0.314 b	0.168 b	0.312 b	50***
Di-n-octylphthalate	< 0.0998	< 0.098	< 0.0792	< 0.0858	< 0.0851	< 0.0851	< 0.0936	< 0.0953	50***
Benzo(b)fluoranthene	< 0.0823	< 0.0808	< 0.0588	< 0.0638	**1.3**	0.206	< 0.0772	< 0.0786	1.1
Benzo(k)fluoranthene	< 0.0883	< 0.0867	< 0.0717	< 0.0777	**1.31**	0.178	< 0.0827	< 0.0843	1.1
Benzo(a)pyrene	< 0.0764	< 0.075	< 0.0556	< 0.0603	**1.42**	**0.205**	< 0.0716	< 0.073	0.061 or MDL
Indeno(1,2,3-cd)pyrene	< 0.124	< 0.122	< 0.061	< 0.0661	0.826	0.14	< 0.116	< 0.119	3.2
Dibenzo(a,h)anthracene	< 0.115	< 0.113	< 0.061	< 0.0661	**0.257**	< 0.0656	< 0.108	< 0.11	0.014 or MDL
Benzo(g,h,i)perylene	< 0.0808	< 0.0793	< 0.0717	< 0.0777	0.928	0.17	< 0.0757	< 0.0771	50***
Total SVOCs:	0.2028	2.15	1.28	0.652	19.56	3.57	1.27	0.965	50

< - Not detected at analytical reporting limit.
(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
b - Found in associated blanks.
j - Estimated concentration; compound present below quantitation limit.
Note - Numbers in bold exceed standard.

SOIL DATA SUMMARY
NORTH FIRST STREET SITE
Site No.: 115-193

Sample ID: / Lab ID: / Sampling Date:	S-03B J4677-3 12/10/99	S-03C J4677-4 12/10/99	S-03D J4677-5 12/10/99	S-04B J4660-2 12/9/99	S-04C J4660-3 12/9/99	S-04D J4660-4 12/9/99	S-04E J4660-5 12/9/99	S-05A J4655-7 12/6/99	S-05B J4655-8 12/6/99	RECOMMENDED SOIL CLEANUP OBJECTIVES (a)
Semivolatile Organic Compounds (mg/kg)										
Phenol	< 0.049	< 0.0263	< 0.0952	**0.265**	**0.527**	**0.535**	**0.213**	< 0.0268	**0.125**	0.03 or MDL
Benzyl alcohol	< 0.432	< 0.0245	< 0.396	< 0.0256	< 0.0316	< 0.0256	< 0.0241	< 0.0249	< 0.0232	N/A
2-Methylphenol	< 0.0388	< 0.0431	< 0.395	< 0.045	**0.188**	**0.91**	**0.284**	< 0.0438	< 0.0408	0.1 or MDL
3,4-Methylphenol	< 0.041	< 0.144	< 0.876	< 0.151	0.16 j	0.844	0.289	< 0.147	< 0.137	0.9
Isophorone	< 0.0502	< 0.0407	< 0.38	< 0.0425	< 0.0525	< 0.0425	< 0.04	< 0.0414	< 0.0386	4.4
2,4-Dimethylphenol	< 0.316	< 0.0391	< 0.358	< 0.0408	< 0.0504	< 0.0408	< 0.0384	< 0.0398	< 0.037	N/A
2,4-Dichlorophenol	< 0.0171	0.072	< 0.429	< 0.0618	< 0.0763	< 0.0618	< 0.0581	< 0.0602	< 0.0561	0.4
Naphthalene	0.172	< 0.0307	0.0905 j	< 0.032	< 0.0395	0.664	< 0.0301	0.179	< 0.0291	13
2-Methylnaphthalene	0.854	< 0.0431	0.0603 j	< 0.045	< 0.0556	2.75	< 0.0423	0.079	< 0.0408	36.4
Acenaphthylene	< 0.0331	< 0.0402	< 0.13	< 0.042	< 0.0519	< 0.042	< 0.0395	0.188	< 0.0381	41
Acenaphthene	0.169	< 0.0446	0.145 j	< 0.0465	< 0.0575	0.145	< 0.0438	0.244	< 0.0422	50***
Dibenzofuran	< 0.0388	< 0.0472	0.132 j	< 0.0493	< 0.0609	0.125	< 0.0464	0.146	< 0.0447	6.2
Diethylphthalate	< 0.0969	< 0.101	< 0.159	< 0.105	< 0.13	< 0.105	< 0.0992	< 0.103	< 0.0957	7.1
Fluorene	0.235	< 0.0445	0.178	< 0.0464	< 0.0573	0.37	< 0.0437	0.223	< 0.0421	50***
N-nitrosodiphenylamine	< 0.0718	< 0.0825	< 0.239	< 0.0862	< 0.106	0.455	< 0.0811	< 0.084	< 0.0782	N/A
Pentachlorophenol	< 0.22	< 0.113	< 0.599	< 0.117	< 0.145	< 0.117	< 0.111	< 0.114	< 0.107	1.0 or MDL
Phenanthrene	1.06	0.0629 j	1.15	< 0.0675	< 0.0833	0.797	< 0.0635	2.42	.0562 j	50***
Anthracene	0.292	< 0.0594	0.276	< 0.062	< 0.0766	0.0927	< 0.0584	0.607	< 0.0563	50***
Di-n-butylphthalate	< 0.115	< 0.0985	< 0.186	0.0571 j b	0.0924 j b	0.0903 j b	0.0614 j b	0.0639 j	0.0497 j	8.1
Fluoranthene	1.01	0.088	1.09	< 0.0787	< 0.0972	< 0.0787	< 0.074	4.02	0.1	50***
Pyrene	1.28	0.0777	0.821	< 0.0744	< 0.0919	0.121	< 0.07	3.29	0.0853	50***
Butylbenzylphthalate	< 0.141	< 0.101	< 0.279	< 0.106	< 0.13	< 0.106	< 0.0993	< 0.103	< 0.0958	50***
3,3'-Dichlorobenzidine	< 0.294	< 0.0968	< 0.245	< 0.101	< 0.125	< 0.101	< 0.0951	< 0.0985	< 0.0917	N/A
Benzo(a)anthracene	**0.388**	< 0.0692	**0.495**	< 0.0722	< 0.0892	< 0.0722	< 0.068	**2.03**	**0.572 j**	0.224 or MDL
Chrysene	**0.463**	0.0537 j	**0.528**	< 0.0735	< 0.0908	< 0.0735	< 0.0692	**2.01**	0.054 j	0.4
bis(2-Ethylhexyl)phthalate	0.204 b	< 0.116	0.161 j b	0.0773 j b	0.0675 j b	0.0891 j b	0.0525 j b	0.346 b	0.123 b	50***
Di-n-octylphthalate	< 0.0844	< 0.102	< 0.354	< 0.106	< 0.131	< 0.106	< 0.0998	< 0.103	< 0.0962	50***
Benzo(b)fluoranthene	0.231	< 0.0838	0.551	< 0.0875	< 0.108	< 0.0875	< 0.0823	**1.83**	0.0508 j	1.1
Benzo(k)fluoranthene	0.239	< 0.0898	0.517	< 0.0938	< 0.116	< 0.0938	< 0.0883	**1.95**	0.0475 j	1.1
Benzo(a)pyrene	**0.27**	< 0.0777	**0.486**	< 0.0812	< 0.1	< 0.0812	< 0.0764	**1.91**	< 0.0737	0.061 or MDL
Indeno(1,2,3-cd)pyrene	0.112	< 0.126	0.353	< 0.132	< 0.163	< 0.132	< 0.124	0.876	< 0.12	3.2
Dibenzo(a,h)anthracene	< 0.065	< 0.117	**0.13 j**	< 0.122	< 0.151	< 0.122	< 0.115	< 0.119	< 0.111	0.014 or MDL
Benzo(g,h,i)perylene	0.122	< 0.0822	0.371	< 0.0858	< 0.106	< 0.0858	< 0.0808	0.826	< 0.0779	50***
Total SVOCs:	7.1	0.354	7.53	0.399	1.03	7.99	0.9	23.24	1.26	50

< - Not detected at analytical reporting limit.
(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
b - Found in associated blanks.
j - Estimated concentration; compound present below quantitation limit.
Note - Numbers in bold exceed standard.

SOIL DATA SUMMARY

NORTH FIRST STREET SITE

Site No.: 115-193

Sample ID:	S-06A	S-07	S-08B	S-08B	S-08C	S-09A	S-09B	S-10A	RECOMMENDED
Lab ID:	J4652-6	J4652-4	J4655-9	J4655-1	J4655-2	J4655-3	J4655-4	J4678-5	SOIL CLEANUP
Sampling Date:	12/3/99	12/3/99	12/6/99	12/6/99	12/6/99	12/6/99	12/6/99	12/6/99	OBJECTIVES (a)
Semivolatile Organic Compounds (mg/kg)									
Phenol	**0.0821**	**0.0722**	**0.168**	< 0.0277	< 0.0263	< 0.0252	< 0.0256	< 0.0477	0.03 or MDL
Benzyl alcohol	< 0.0256	< 0.0247	< 0.0245	< 0.0258	< 0.0245	< 0.0234	0.09	< 0.421	N/A
2-Methylphenol	< 0.045	< 0.0435	< 0.0431	< 0.0454	< 0.0431	< 0.0412	**0.687**	< 0.0377	0.1 or MDL
3,4-Methylphenol	< 0.151	< 0.146	< 0.144	< 0.152	< 0.144	< 0.138	0.442	< 0.04	0.9
Isophorone	< 0.0425	< 0.0411	< 0.0407	0.253	< 0.0407	< 0.0389	< 0.0396	< 0.0488	4.4
2,4-Dimethylphenol	< 0.0406	< 0.0394	< 0.0391	< 0.0412	< 0.0391	< 0.0374	0.31	< 0.307	N/A
2,4-Dichlorophenol	< 0.0618	< 0.0597	< 0.0592	< 0.0623	< 0.0592	< 0.0566	< 0.0576	< 0.0166	0.4
Naphthalene	< 0.144	< 0.0309	0.458	< 0.0323	< 0.0307	< 0.0293	< 0.0299	0.559	13
2-Methylnaphthalene	0.107	< 0.0435	0.291	< 0.0454	< 0.0431	0.048	< 0.042	2.81	36.4
Acenaphthylene	0.509	< 0.0406	0.553	< 0.0424	< 0.0402	< 0.0385	< 0.0392	< 0.0322	41
Acenaphthene	0.207	< 0.045	1.27	< 0.0469	< 0.0446	< 0.0426	< 0.0434	0.609	50***
Dibenzofuran	0.153	< 0.0476	0.594	< 0.0497	< 0.0472	< 0.0451	< 0.046	0.339	6.2
Diethylphthalate	< 0.105	< 0.102	< 0.101	< 0.106	< 0.101	< 0.0966	< 0.0963	< 0.0943	7.1
Fluorene	0.257	< 0.0448	1.1	< 0.0468	< 0.0445	< 0.0425	< 0.0433	1.22	50***
N-nitrosodiphenylamine	< 0.0862	< 0.0833	< 0.0825	< 0.0869	< 0.0825	< 0.0789	< 0.0804	< 0.0699	N/A
Pentachlorophenol	**0.464**	< 0.114	< 0.113	< 0.118	< 0.113	< 0.108	< 0.11	< 0.214	1.0 or MDL
Phenanthrene	3.86	0.101	9.87	< 0.068	< 0.0646	0.528	< 0.0629	3.09	50***
Anthracene	0.872	< 0.0599	2.28	< 0.0625	< 0.0594	0.0928	< 0.0578	0.386	50***
Di-n-butylphthalate	0.171	< 0.0994	0.0536 j	0.0719 j	< 0.0985	< 0.0942	0.0534 j	0.159 b	8.1
Fluoranthene	5.97	0.281	9.8	< 0.0793	< 0.0754	0.826	< 0.0734	0.413	50***
Pyrene	4.58	0.257	9.25	< 0.075	< 0.0713	0.688	< 0.0694	0.655	50***
Butylbenzylphthalate	< 0.106	< 0.102	< 0.101	< 0.106	< 0.101	< 0.0967	< 0.0985	< 0.138	50***
3,3'-Dichlorobenzidine	< 0.101	< 0.0976	< 0.0968	< 0.102	< 0.0968	< 0.0925	< 0.0942	< 0.0286	N/A
Benzo(a)anthracene	**2.97**	**0.188**	**4.61**	< 0.0728	< 0.0692	**0.43**	< 0.0674	**0.157**	0.224 or MDL
Chrysene	**3.35**	0.197	**4.69**	< 0.0742	< 0.0705	**0.502**	< 0.0686	0.2	0.4
bis(2-Ethylhexyl)phthalate	0.331	0.0825 j	< 0.116	0.0551 j b	0.101 j b	0.317 b	< 0.113	0.386 b	50***
Di-n-octylphthalate	< 0.106	< 0.102	< 0.102	< 0.107	< 0.102	< 0.0971	< 0.0989	< 0.0821	50***
Benzo(b)fluoranthene	**2.55**	0.198	**3.67**	< 0.0882	< 0.0838	0.457	< 0.0816	0.1	1.1
Benzo(k)fluoranthene	**2.56**	0.181	**3.74**	< 0.0946	< 0.0896	0.43	< 0.0875	0.117	1.1
Benzo(a)pyrene	**2.46**	**0.228**	**4.4**	< 0.0818	< 0.0777	**0.445**	< 0.0757	**0.0946**	0.061 or MDL
Indeno(1,2,3-cd)pyrene	1.26	0.159	2.01	< 0.133	< 0.126	0.204	< 0.123	0.0534 j	3.2
Dibenzo(a,h)anthracene	**0.516**	**0.0699 j**	< 0.117	< 0.123	< 0.117	< 0.112	< 0.114	< 0.0633	0.014 or MDL
Benzo(g,h,i)perylene	1.24	0.18	2.33	< 0.0865	< 0.0822	0.192	< 0.08	.0545 j	50***
Total SVOCs:	34.49	2.19	**61.2**	0.38	0.101	5.16	1.582	11.4	50

< - Not detected at analytical reporting limit.
(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
b - Found in associated blanks.
j - Estimated concentration; compound present below quantitation limit.
Note - Numbers in bold exceed standard.

SOIL DATA SUMMARY

NORTH FIRST STREET SITE

Site No.: 115-193

Sample ID:	S-10B	S-10C	S-11A	S-11B	S-12A	S-12B	S-13A	S-13B	ER-1	RECOMMENDED
Lab ID:	J4678-6	J4678-9	J4678-7	J4678-8	J4678-3	J4678-4	J4655-6	J4655-5	J4655-10	SOIL CLEANUP
Sampling Date:	12/8/99	12/8/99	12/8/99	12/8/99	12/8/99	12/8/99	12/6/99	12/6/99	12/6/99	OBJECTIVES (a)
Semivolatile Organic Compounds (mg/kg)										
Phenol	< 0.0254	< 0.0262	< 0.0266	< 0.027	**0.0859**	< 0.0482	< 0.0298	**0.12**	< 0.00153	0.03 or MDL
Benzyl alcohol	< 0.0236	< 0.0262	< 0.0247	< 0.0252	< 0.0256	< 0.424	< 0.0277	< 0.0243	< 0.00138	N/A
2-Methylphenol	< 0.0416	< 0.0461	< 0.0435	< 0.0442	< 0.045	< 0.0381	< 0.0488	< 0.0427	< 0.0017	0.1 or MDL
3,4-Methylphenol	< 0.139	< 0.155	< 0.146	< 0.148	< 0.151	< 0.0403	< 0.163	< 0.143	< 0.00155	0.9
Isophorone	< 0.0393	< 0.0436	< 0.0411	< 0.0418	< 0.0425	< 0.0493	< 0.0461	< 0.0403	< 0.00188	4.4
2,4-Dimethylphenol	< 0.0377	< 0.0418	< 0.0394	< 0.0401	< 0.0408	< 0.31	< 0.0442	< 0.0388	< 0.00192	N/A
2,4-Dichlorophenol	< 0.0571	< 0.0633	< 0.0597	< 0.0607	< 0.0618	< 0.0168	< 0.067	< 0.0586	< 0.00149	0.4
Naphthalene	< 0.0296	< 0.0328	< 0.0309	< 0.0315	< 0.032	0.392	< 0.0347	< 0.0304	< 0.00178	13
2-Methylnaphthalene	< 0.0416	< 0.0461	< 0.0435	< 0.0442	< 0.045	0.749	0.0605	< 0.0427	< 0.00185	36.4
Acenaphthylene	< 0.0388	< 0.0431	< 0.0406	< 0.0413	< 0.042	< 0.0325	0.138	< 0.0399	< 0.00225	41
Acenaphthene	< 0.043	< 0.0477	< 0.045	< 0.0457	< 0.0465	< 0.0325	0.109	< 0.0442	< 0.00178	50***
Dibenzofuran	< 0.0455	< 0.0505	< 0.0476	< 0.0484	< 0.0493	0.189	0.0798	< 0.0468	< 0.0021	6.2
Diethylphthalate	< 0.0975	0.0972 j	< 0.102	< 0.104	< 0.105	< 0.0952	< 0.114	< 0.1	< 0.00251	7.1
Fluorene	< 0.0429	< 0.0476	< 0.0448	< 0.0456	< 0.0464	0.233	0.133	< 0.0441	< 0.00216	50***
N-nitrosodiphenylamine	< 0.0796	< 0.0883	< 0.0833	< 0.0847	< 0.0862	< 0.0706	< 0.0934	< 0.0818	< 0.00196	N/A
Pentachlorophenol	< 0.109	< 0.12	< 0.114	< 0.115	< 0.117	< 0.216	< 0.127	< 0.112	< 0.05	1.0 or MDL
Phenanthrene	.0538 j	< 0.0692	0.0658	< 0.0663	0.183	0.783	1.82	< 0.0641	< 0.00198	50***
Anthracene	< 0.0573	< 0.0636	< 0.0599	< 0.061	< 0.062	0.196	0.642	< 0.0589	< 0.00178	50***
Di-n-butylphthalate	0.132 b	0.248 b	0.172 b	0.174 b	0.105 b	0.0873 j b	0.0747 j	0.0508 j	< 0.00238	8.1
Fluoranthene	< 0.0727	< 0.0806	< 0.076	< 0.0773	0.0585 j	0.836	1.91	< 0.0747	< 0.00222	50***
Pyrene	< 0.0688	< 0.0783	< 0.0719	< 0.0731	0.0871	0.827	< 0.0806	< 0.0706	< 0.002	50***
Butylbenzylphthalate	< 0.0976	< 0.108	< 0.102	< 0.104	< 0.106	< 0.139	0.0541 j	< 0.1	< 0.00343	50***
3,3'-Dichlorobenzidine	< 0.0934	< 0.104	< 0.0976	< 0.0993	< 0.101	< 0.289	1.19	< 0.0959	< 0.00256	N/A
Benzo(a)anthracene	< 0.0668	< 0.0741	< 0.0698	< 0.071	< 0.0722	**0.393**	**1.2**	< 0.0686	< 0.00187	0.224 or MDL
Chrysene	< 0.068	< 0.0754	< 0.0711	< 0.0723	0.0513 j	**0.462**	0.145 b	< 0.0698	< 0.00216	0.4
bis(2-Ethylhexyl)phthalate	0.0802 j b	0.0693 j b	0.0912 j b	0.0913 j b	0.0668 j b	0.535 b	< 0.131	0.13 b	0.0011 b	50***
Di-n-octylphthalate	< 0.098	< 0.109	< 0.102	< 0.104	< 0.106	< 0.0829	1.04	< 0.101	< 0.00287	50***
Benzo(b)fluoranthene	< 0.0808	< 0.0897	< 0.0845	< 0.086	< 0.0875	0.367	1.08	< 0.0831	< 0.0018	1.1
Benzo(k)fluoranthene	< 0.0867	< 0.0961	< 0.0906	< 0.0922	< 0.0938	0.354	1.04	< 0.089	< 0.0021	1.1
Benzo(a)pyrene	< 0.075	< 0.0832	< 0.0784	< 0.0798	< 0.0812	**0.366**	**0.44**	< 0.0771	< 0.00191	0.061 or MDL
Indeno(1,2,3-cd)pyrene	< 0.122	< 0.135	< 0.128	< 0.13	< 0.132	0.176	< 0.143	< 0.125	< 0.00212	3.2
Dibenzo(a,h)anthracene	< 0.113	< 0.126	< 0.118	< 0.12	< 0.122	**0.0649**	**0.465**	< 0.116	< 0.00213	0.014 or MDL
Benzo(g,h,i)perylene	< 0.0793	< 0.088	< 0.0829	< 0.0844	< 0.0858	0.182	< 0.093	< 0.0815	< 0.00234	50***
Total SVOCs:	0.266	0.415	0.329	0.265	0.638	7.19	11.62	0.3	0.0011	50

< - Not detected at analytical reporting limit.
(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
b - Found in associated blanks.
j - Estimated concentration; compound present below quantitation limit.
Note - Numbers in bold exceed standard.

SOIL DATA SUMMARY
NORTH FIRST STREET SITE
Site No.: 115-193

Sample ID: / Lab ID: / Sampling Date:	S-01B J4660-10 12/9/99	S-01C J4660-11 12/9/99	S-01D J4660-12 12/9/99	S-01E J4660-13 12/9/99	S-02A J4660-6 12/9/99	S-02B J4660-7 12/9/99	S-02C J4660-8 12/9/99	S-02D J4660-9 12/9/99	RECOMMENDED SOIL CLEANUP OBJECTIVES (a)
Pesticides/PCBs (mg/kg)									
PCB 1248	< 0.00874	2.06	1.26	< 0.00898	< 0.00947	< 0.00938	< 0.00866	< 0.00898	-
PCB 1260	< 0.00579	< 0.00595	< 0.00574	< 0.00595	< 0.00627	< 0.00622	< 0.00574	< 0.00595	-
Total PCBs:	ND	2.06	1.26	ND	ND	ND	ND	ND	10
Metals (mg/kg)									
Aluminum	8220	51200	4990	51200	6320	8390	3260	5500	SB
Antimony	< 1.14	< 1.15	< 1.1	17.9	< 1.22	< 1.17	< 1.08	< 1.12	SB
Arsenic	2.74	0.92	2.64	6.44	**18.8**	3.63	0.32 J	3.58	7.5 or SB
Barium	35.6	29.3	36.4	36.7	261	46.7	25.6	45.6	300 or SB
Beryllium	**0.46**	**0.26**	**0.22**	**0.34**	**0.37**	**0.47**	**0.32**	**0.45**	0.16 or SB
Cadmium	0.34	0.38	0.44	0.12 J	**4.64**	0.58	0.32	0.56	1 or SB
Calcium	600	223	459	616	6160	1990	606	764	SB
Chromium	**14.6**	**10.6**	**12.4**	**23.2**	**33.8**	**14**	9.04	**19**	10 or SB
Cobalt	7.64	6.76	5.72	7.01	10.7	11.2	5.69	7.95	30 or SB
Copper	9.35	8	**35.6**	20	**409**	10.3	12	15.1	25 or SB
Iron	**14800**	**15300**	**14200**	**20500**	**38400**	**18500**	**12500**	**21200**	2,000 or SB
Lead	37.5	6	38.2	7.59	2060	28.8	4.75	10.4	SB****
Magnesium	1940	2090	1550	1820	2140	2210	1590	2950	SB
Manganese	206	382	189	241	472	1590	199	334	SB
Mercury	0.052	**0.014**	**0.57**	**0.14**	**2.35**	**0.72**	0.0095	0.015	0.1
Nickel	**21.7**	11.7	11.9	9.89	**46.1**	10.4	8.96	**13.7**	13 or SB
Potassium	632	967	1080	1530	894	511	981	1800	SB
Selenium	< 0.57	< 0.57	< 0.55	< 0.57	< 0.61	< 0.58	< 0.54	< 0.56	2 or SB
Silver	< 0.91	< 0.92	< 0.88	40.4	< 0.98	< 0.94	< 0.86	6.72	SB
Sodium	< 114	920	1210	1170	< 122	636	631	990	SB
Thallium	< 6.16	< 6.21	< 5.94	9.1	0.61 J	14.6	< 5.83	< 6.05	SB
Vanadium	23.5	19.9	21.2	31.2	53.3	21.8	18.6	33.4	150 or SB
Zinc	**359**	**37**	**70.7**	**29.1**	**672**	**39.9**	**29.4**	**46.3**	20 or SB
Cyanide	NR	NR	NR	NR	NR	NR	NR	NR	***

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**** - Background levels for lead vary widely. Average levels in undeveloped rural areas range from 4-81 ppm, while levels in metropolitan/suburban areas range from 200-500 ppm.
(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
J - Estimated concentration; compound present below quantitation limit.
NR - Not run
SB - Site background.
Note: - Numbers in bold exceed cleanup objective.

SOIL DATA SUMMARY
NORTH FIRST STREET SITE
Site No.: 115-193

Sample ID:	S-03B	S-03C	S-03D	S-04B	S-04C	S-04D	S-04E	S-05A	RECOMMENDED
Lab ID:	J4677-3	J4677-4	J4677-6	J4660-2	J4660-3	J4660-4	J4660-5	J4655-7	SOIL CLEANUP
Sampling Date:	12/10/99	12/10/99	12/10/99	12/9/99	12/9/99	12/9/99	12/9/99	12/6/99	OBJECTIVES (a)
Pesticides/PCBs (mg/kg)									
PCB 1248	< 0.00906	< 0.00914	< 0.00882	< 0.00971	< 0.00955	< 0.00955	< 0.0093	< 0.00947	-
PCB 1260	< 0.006	< 0.00606	< 0.00584	< 0.00643	< 0.00632	< 0.00632	< 0.00616	< 0.00627	-
Total PCBs:	ND	ND	ND	ND	ND	ND	ND	ND	10
Metals (mg/kg)									
Aluminum	4,400	7,190	3,850	4,920	8,980	2,740	3,280	4,700	SB
Antimony	<1.14	<1.14	<1.15	< 1.2	< 1.54	< 1.21	< 1.16	< 1.21	SB
Arsenic	<0.68	2.96	0.66 J	< 0.72	2	1.97	**4.41**	6.11	7.5 or SB
Barium	146	58.8	19.9	43.6	69.8	23	30.5	174	300 or SB
Beryllium	**0.18** J	**0.37**	0.12 J	**0.48**	**0.62**	< 0.24	**0.46**	**0.42**	0.16 or SB
Cadmium	**2.85**	0.79	0.12 J	0.48	0.46	0.24 J	0.58	**1.51**	1 or SB
Calcium	20,000	520	392	1250	2290	392	266	9,470	SB
Chromium	**14.6**	**27.4**	8.17	**10.8**	**18.8**	6.41	**16**	**17**	10 or SB
Cobalt	7.52	9.01	2.88	6.24	8.78	3.75	7.54	5.83	30 or SB
Copper	**573**	11.6	6.21	8.40	15.4	8.71	14.7	**116**	25 or SB
Iron	**29,600**	**27,100**	8,200	**10,200**	**17,000**	**6,900**	**2,090**	**22,100**	2,000 or SB
Lead	752	7.98	3.45	4.08	1.54	3.15	8.70	405	SB****
Magnesium	12,900	2,630	1,220	2,090	4,820	1,550	1,310	1,900	SB
Manganese	369	569	137	617	296	432	193	420	SB
Mercury	**1.06**	0.0082 J	0.0085 J	0.045	0.042	0.033	0.033	**0.44**	0.1
Nickel	**39.6**	**15.3**	7.25	**17.5**	**18.9**	7.87	10.3	**16.8**	13 or SB
Potassium	694	2,120	662	1,180	2,370	443	738	606	SB
Selenium	<0.57	<0.57	<0.57	< 0.6	< 0.77	< 0.61	< 0.58	< 0.61	2 or SB
Silver	<0.91	<0.91	<0.92	< 0.96	< 1.23	< 0.97	< 0.93	< 0.97	SB
Sodium	<114	1,310	539	1,250	146 J	538	1,210	< 121	SB
Thallium	<6.16	<6.16	52.7	3.6 J	< 8.32	3.39 J	< 6.26	0.14 J	SB
Vanadium	30.1	44.5	11.5	18.1	32.8	9.56	31.2	21.2	150 or SB
Zinc	**495**	**45.6**	15.5	**36.6**	**49.3**	20	**35.3**	**369**	20 or SB
Cyanide	NR	NR	NR	NR	NR	NR	NR	< 0.006	***

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**** - Background levels for lead vary widely. Average levels in undeveloped rural areas range from 4-61 ppm, while levels in metropolitan/suburban areas range from 200-500 ppm.
(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
J - Estimated concentration; compound present below quantitation limit.
NR - Not run.
SB - Site background.
Note: - Numbers in bold exceed cleanup objective.

SOIL DATA SUMMARY
NORTH FIRST STREET SITE
Site No.: 115-193

Sample ID: / Lab ID: / Sampling Date:	S-05B J4655-8 12/6/99	S-06A J4652-6 12/3/99	S-07 J4652-4 12/3/99	S-06B J4655-9 12/6/99	S-06B J4655-1 12/6/99	S-06C J4655-2 12/6/99	RECOMMENDED SOIL CLEANUP OBJECTIVES (a)
Pesticides/PCBs (mg/kg)							
PCB 1248	< 0.00882	< 0.00963	< 0.00906	< 0.00963	< 0.00963	< 0.00833	-
PCB 1260	< 0.00584	0.0311	< 0.006	< 0.00638	< 0.00638	< 0.00552	-
Total PCBs:	ND	0.0311	ND	ND	ND	ND	10
Metals (mg/kg)							
Aluminum	6,380	4380	5620	5720	6210	4100	SB
Antimony	< 1.11	13.2	11.5	< 0.01	< 1.21	< 1.2	SB
Arsenic	2.75	**36.9**	4.9	< 0.006	4.84	4.72	7.5 or SB
Barium	33	95.8	44.5	63.2	28.5	18.7	300 or SB
Beryllium	**0.4**	**0.25**	**0.3**	**0.29**	**0.48**	**0.29**	0.16 or SB
Cadmium	0.56	**1.5**	< 0.34	0.92	0.82	0.46	1 or SB
Calcium	773	1810	560	12900	420	457	SB
Chromium	**18.6**	**24.9**	**13.4**	**12.6**	**17.1**	**11.8**	10 or SB
Cobalt	7.9	5.24	5.87	7.02	8.23	5.28	30 or SB
Copper	16.5	**83.7**	21.3	**43.7**	13.2	8.56	25 or SB
Iron	**17,000**	**17100**	**14400**	**11900**	**19400**	**12000**	2,000 or SB
Lead	8.37	414	10.7	878	8.92	12.2	SB****
Magnesium	1,990	1840	1860	2970	1680	1730	SB
Manganese	285	232	336	175	301	233	SB
Mercury	0.014	**3.28**	0.041	**0.55**	0.028	0.006 J	0.1
Nickel	12	**24.8**	**15.9**	**14.3**	11.9	**13.1**	13 or SB
Potassium	938	755	900	2070	815	678	SB
Selenium	< 0.56	**5.46**	**2.1**	< 0.005	< 0.61	< 0.6	2 or SB
Silver	< 0.89	< 0.97	< 0.92	< 0.008	< 0.97	< 0.96	SB
Sodium	779	< 121	355	206	713	726	SB
Thallium	< 5.99	< 0.97	0.46 J	< 0.054	< 6.53	< 6.48	SB
Vanadium	30.3	85.8	18.4	18.9	29.4	20.7	150 or SB
Zinc	**35.3**	**206**	**33**	**165**	**57.1**	**29.3**	20 or SB
Cyanide	< 0.0060	NR	NR	< 0.006	0.009	0.007	***

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(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
J - Estimated concentration; compound present below quantitation limit.
NR - Not run.
SB - Site background.
Note: - Numbers in bold exceed cleanup objective.

SOIL DATA SUMMARY
NORTH FIRST STREET SITE
Site No.: 115-193

Sample ID: / Lab ID: / Sampling Date:	S-09A J4655-3 12/6/99	S-09B J4655-4 12/6/99	S-10A J4678-5 12/8/99	S-10B J4678-6 12/8/99	S-10C J4678-9 12/8/99	S-11A J4678-7 12/8/99	S-11B J4678-8 12/8/99	RECOMMENDED SOIL CLEANUP OBJECTIVES (a)
Pesticides/PCBs (mg/kg)								
PCB 1248	< 0.00906	< 0.00882	0.369	0.312	0.127	0.168	0.108	-
PCB 1260	< 0.006	< 0.00584	< 0.00616	< 0.0059	< 0.00654	< 0.00606	< 0.00622	-
Total PCBs:	ND	ND	0.369	0.312	0.127	0.168	0.108	10
Metals (mg/kg)								
Aluminum	3960	4480	6730	5910	6370	4510	8380	SB
Antimony	< 1.14	< 0.01	< 1.17	< 1.14	< 1.22	< 1.2	< 1.19	SB
Arsenic	**11.8**	0.38	5.62	1.71	3.62	1.8	3.93	7.5 or SB
Barium	58.4	25.1	45	36.3	33.1	38.6	41.8	300 or SB
Beryllium	**0.39**	**0.27**	**0.41**	**0.34**	**0.4**	**0.35**	**0.36**	0.16 or SB
Cadmium	**1.05**	0.37	0.7	0.41	0.51	0.72	0.55	1 or SB
Calcium	1470	1890	380	366	207	912	538	SB
Chromium	**11.8**	**11**	**16.3**	**12.1**	**14.6**	**133**	**43.9**	10 or SB
Cobalt	5.51	3.86	6.79	4.73	5.75	6.72	6.78	30 or SB
Copper	84.5	10.3	21.6	6.78	7.37	17.9	15	25 or SB
Iron	**14400**	**10000**	**15600**	**11000**	**14800**	**19100**	**16700**	2,000 or SB
Lead	137	6.94	63.9	7.68	4.75	38.8	76.3	SB****
Magnesium	1060	1540	2050	1740	1990	1430	2030	SB
Manganese	209	127	246	261	228	452	376	SB
Mercury	**1.44**	0.023	**0.18**	**0.28**	0.016	**0.13**	0.074	0.1
Nickel	**17.9**	9.66	**13.2**	9.35	10.4	12.7	13	13 or SB
Potassium	496	594	901	886	1170	798	1110	SB
Selenium	< 0.57	< 0.005	< 0.58	< 0.57	< 0.61	< 0.6	< 0.6	2 or SB
Silver	< 0.91	< 0.008	< 0.94	< 0.91	< 0.98	1.08	< 0.95	SB
Sodium	< 114	338	473	724	875	< 120	793	SB
Thallium	< 6.16	< 0.054	< 6.32	< 6.16	< 6.59	< 6.48	< 6.43	SB
Vanadium	17.2	14.8	23.2	17.2	25.7	27	24.9	150 or SB
Zinc	**168**	**31.6**	**62.7**	**22.7**	**28.6**	**127**	**49.7**	20 or SB
Cyanide	< 0.006	< 0.006	< 0.006	< 0.006	0.006	< 0.006	< 0.006	***

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**** - Background levels for lead vary widely. Average levels in undeveloped rural areas range from 4-61 ppm, while levels in metropolitan/suburban areas range from 200-500 ppm.
(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
J - Estimated concentration; compound present below quantitation limit.
NR - Not run.
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Note: - Numbers in bold exceed cleanup objective.

SOIL DATA SUMMARY
NORTH FIRST STREET SITE
Site No.: 115-193

Sample ID: / Lab ID: / Sampling Date:	S-12A J4678-3 12/8/99	S-12B J4678-4 12/8/99	S-13A J4655-6 12/6/99	S-13B J4655-5 12/6/99	ER-1 J4655-10 12/6/99	ER-1 J4655-10 12/6/99	RECOMMENDED SOIL CLEANUP OBJECTIVES (a)
Pesticides/PCBs (mg/kg)							
PCB 1248	< 0.00971	< 0.00922	< 0.0104	< 0.00898	< 0.000094	NR	-
PCB 1260	< 0.00643	< 0.00611	< 0.00691	< 0.00595	< 0.000084	NR	-
Total PCBs:	0	0	0	0	0	NR	10
Metals (mg/kg)							
Aluminum	4540	2460	6510	4780	0.023 J	0.039 J	SB
Antimony	< 1.24	< 1.14	< 1.3	< 1.15	0.002 J	0.003 J	SB
Arsenic	3.97	2.96	**8.24**	3.55	0.006 J	< 0.0067	7.5 or SB
Barium	32.4	116	93.5	35.7	0.005 J	0.007 J	300 or SB
Beryllium	**0.5**	**0.34**	**0.42**	**0.36**	0.001 J	0.001 J	0.16 or SB
Cadmium	0.62	**1.03**	**1.01**	0.56	0.002 J	0.002 J	1 or SB
Calcium	573	1620	2380	611	0.21 J	0.38 J	SB
Chromium	**13.3**	9.58	**16.8**	**14.5**	0.002 J	0.002 J	10 or SB
Cobalt	5.33	5.02	6.71	5.98	< 0.011	0.002 J	30 or SB
Copper	12.2	**112**	**99.7**	13	0.001 J	0.004 J	25 or SB
Iron	**14000**	**11500**	**18300**	**15800**	0.015 J	0.021 J	2,000 or SB
Lead	50.3	239	238	14.3	0.002 J	0.005	SB****
Magnesium	1410	1170	1510	1570	0.073 J	0.13 J	SB
Manganese	253	124	350	369	0.002 J	0.004 J	SB
Mercury	0.06	**0.78**	**0.59**	0.026	0.000018 J	0.00002 J	0.1
Nickel	10.7	10.5	**17.4**	10.5	0.003 J	0.004 J	13 or SB
Potassium	604	261	861	814	0.28 J	0.35 J	SB
Selenium	< 0.62	< 0.57	< 0.65	< 0.57	0.014	0.009	2 or SB
Silver	< 0.99	< 0.91	< 1.04	< 0.92	< 0.0089	0.001 J	SB
Sodium	605	< 114	< 130	680	1.72	2.3	SB
Thallium	< 6.70	< 6.16	< 7.02	< 6.21	< 0.06	< 0.06	SB
Vanadium	20.2	12.8	28.5	23.5	0.002 J	0.003 J	150 or SB
Zinc	**32.6**	**226**	**200**	**44**	0.018	0.042	20 or SB
Cyanide	< 0.006	0.006	< 0.006	< 0.006	NR	< 0.006	***

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**** - Background levels for lead vary widely. Average levels in undeveloped rural areas range from 4-61 ppm, while levels in metropolitan/suburban areas range from 200-500 ppm.
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NR - Not run.
SB - Site background.
Note: - Numbers in bold exceed cleanup objective.

S-04) and methylene chloride (at S-02, S-03, and S-04) were also detected in some of these samples with concentrations exceeding the cleanup objectives. However, both compounds are common laboratory artifacts or associated with equipment decontamination. Other VOCs detected in the soil samples were reported in concentrations below the cleanup objectives.

The remaining sample that exceeded the total VOC concentration cleanup objective, S-09B, was collected near the northeast corner of the former Pfizer property, in the area where the mycelium waste was disposed. Constituents above the cleanup objectives at this location include toluene, ethylbenzene, and xylenes. This location is downgradient of the asphalt parking area and the constituents may be associated with migration of the BTEX constituents of that area. In comparison to the soil samples previously collected by MEG in 1993 (Boring B-3), the BTEX concentrations have increased at least 3 orders of magnitude.

Acetone (0.218 mg/kg) was also detected slightly above the cleanup objective (0.2 mg/kg) in the sample collected from the 4 to 8 foot bgs interval of boring B-6. No other VOCs were detected in concentrations exceeding the cleanup objectives in samples collected at B-6. At borings B-5 (near former 2,000 gallon UST), B-7 (historic fill at former Pfizer property), B-8 (downgradient of the sulfuric acid AST), B-10, B-11, B-12, and B-13, no VOCs were detected in the soil samples at concentrations exceeding the cleanup criteria. Borings B-10 through B-13 were advanced adjacent to the fuel oil storage ASTs.

The soil cleanup objectives for total SVOC concentrations (500 mg/kg) was not exceeded in any soil samples collected during this investigation. The highest detected total SVOC concentration (61.2 mg/kg) occurred at the sample collected at boring S-06 from 4 to 8 feet bgs. This sample also had concentrations of six individual SVOCs exceeding their respective cleanup objectives. The individual SVOCs that were detected above their respective cleanup objectives include the following:

Compound	Cleanup Objective (mg/kg)	Total Exceedances (of 33 samples)	High Concentration (mg/kg)	Sample Location of High Exceedance
Phenol	0.03 or MDL	17	0.887	S-02/0-4 ft bgs
2-methylphenol	0.1 or MDL	9	0.91	S-04/12-16 ft bgs
Pentachlorophenol	1.0 or MDL	1	0.464	S-06/0-4 ft bgs
benzo(a)anthracene	0.224 or MDL	11	4.61	S-06/4-8 ft bgs
Chrysene	0.4 or MDL	7	4.69	S-06/4-8 ft bgs
benzo(b)fluoranthene	1.1	4	3.67	S-06/4-8 ft bgs
benzo(k)fluoranthene	1.1	4	3.74	S-06/4-8 ft bgs
benzo(a)pyrene	0.061 or MDL	12	4.4	S-06/4-8 ft bgs
dibenzo(a,h)anthracene	0.014 or MDL	6	0.516	S-06/0-4 ft bgs

As shown by the data in the above table, the exceedances are generally an order of magnitude or less than the cleanup objectives. Of the 33 samples collected, only 11 samples had at least three SVOCs detected in concentrations exceeding the cleanup objectives and 7 had four or more SVOC exceedances. These seven samples include S-02 from 0 to 4 feet bgs (7), S-03 from 12 to 16 feet bgs (4), S-05 from 0 to 4 feet bgs (5) S-06 from 0 to 4 feet bgs (8), S-06 from 4 to 8 feet bgs (6), S-07 from 0 to 4 feet bgs (4), and S-12 from 4 to 8 feet bgs (4) with the number in parentheses indicating the SVOC exceedances for that sample.

Only eight samples had detectable PCB concentrations. However, the total PCB concentrations were below the soil cleanup objectives (10 mg/kg). PCB Aroclor 1260 was detected in only one sample, S-06 from 0 to 4 feet bgs, at 0.0311 mg/kg. Aroclor 1248 was detected in the remaining seven samples with a high concentration in the sample collected from the 12 to 16 foot bgs interval at boring B-01 (2.06 mg/kg). PCBs were detected in three of eight surface or near surface samples (0 to 4 feet bgs) with the highest concentration (0.369 mg/kg) detected at S-10. This concentration is below the surface soil cleanup objectives for PCBs (1.0 mg/kg). Pesticides were not detected in any samples collected at this site during this investigation.

Results of the metals analyses showed concentrations of ten metals exceeding the cleanup objectives. A summary of these metals is included in the following table.

Metal	Cleanup Objective (mg/kg)	Total Exceedances (of 33 samples)	High Concentration (mg/kg)	Sample Location of High Exceedance
Arsenic	7.5 or SB	4	36.9	S-06/0-4 ft bgs
Beryllium	0.16 or SB	31	0.62	S-04/8-12 ft bgs
Cadmium	1 or SB	7	4.64	S-02/0-4 ft bgs
Chromium	10 or SB	29	133	S-11/0-4 ft bgs
Copper	25 or SB	8	573	S-03/4-8 ft bgs
Iron	2,000 or SB	33	38,400	S-02/0-4 ft bgs
Mercury	0.1	14	3.26	S-06/0-4 ft bgs
Nickel	13 or SB	15	46.1	S-02/0-4 ft bgs
Selenium	2 or SB	2	5.46	S-06/0-4 ft bgs
Zinc	20 or SB	31	495	S-03/4-8 ft bgs

With the exception of three samples (S-02 8 to 12 ft bgs, S-03/12 to 16 ft bgs, and S-04/12-16 ft bgs), at least 4 metals were detected in each sample with concentrations exceeding the cleanup objectives. The sample with the most exceedances (10 was collected at the S-06 from 0 to 4 feet

bgs. Typically, the samples collected from the near surface interval (0 to 4 feet bgs) had the most exceedances which is not uncommon for an urban setting.

4.2 GROUNDWATER

The results of the groundwater samples collected from the monitoring wells (Table 3) show that VOCs were either not detected or detected in concentrations below the NYSDEC Class GA groundwater standards in the samples collected at MW-1, MW-2, and MW-3. However, at MW-4, several VOCs were detected including 13 compounds with concentrations exceeding the NYSDEC Class GA groundwater standards. These compounds included vinyl chloride (2.1 µg/l), chloroethane (11.4 µg/l), acetone (958 µg/l), methylene chloride (10.4 µg/l), 1,1-dichloroethane (18.8 µg/l), c-1,2-dichloroethene (14.9 µg/l), 2-butanone (52.9 µg/l), benzene (32 µg/l), toluene (17,800 µg/l), ethylbenzene (3,620 µg/l), total xylenes(18,910 µg/l), isopropylbenzene (9.1 µg/l), and 1,2,4-trimethylbenzene (12.6 µg/l). The total VOC concentration at MW-4 was 41.7 mg/l. A duplicate sample, identified as MW-5, detected similar concentrations. MW-4 is the closest downgradient monitoring well to the asphalt parking lot at the Kent Street portion of the site.

The SVOC results of these samples showed total detected concentrations ranging from 2.16 µg/l at MW-3 to 61.2 µg/l at MW-4. No SVOC concentrations exceeded the Class GA groundwater standards. Only six (6) SVOCs were detected and no more than three (3) were detected in any groundwater sample. No pesticides or PCBs were detected in these samples. Metals that were detected in concentrations exceeding their respective groundwater standards include arsenic, iron, lead, magnesium, manganese, sodium, and thallium. The iron, manganese, sodium, and thallium (where detected) concentrations exceeded the Class GA standards in each of the samples and are likely indicative of the regional groundwater quality rather than resulting from site impacts. As expected, the results of the filtered sample were generally less than the concentrations of the unfiltered sample. Arsenic (30 µg/l) at both MW-1 and MW-4 and lead (87 µg/l) at MW-3 were detected at concentrations exceeding the Class GA standards (both 25 µg/l) in the filtered sample but below the standards in the unfiltered sample. No potential sources of either metal were identified near either monitoring well.

Results of the groundwater samples collected from the soil borings (Table 4) advanced during this investigation are generally consistent with the soil samples collected at the same location. Samples W-01, W-02, and W-04 had elevated BTEX concentrations, consistent with the soil samples. The total BTEX concentrations detected in groundwater at these borings is 7.44 mg/l, 35.2 mg/l, and 8.11 mg/l, respectively. These results are also consistent with previous samples collected by others although at lower concentrations. No other VOCs were detected in sample W-01. Seven other VOCs were detected at concentrations exceeding the Class GA standards including 1,2-DCA (10 µg/l) and PCE (11.2 µg/l) from the W-02 sample. At W-04, acetone

Table 3 (Page 1 of 2)

MONITORING WELL SAMPLING RESULTS SUMMARY

CONSOLIDATED EDISON

Former North First Street Oil Storage Facility

Sample ID Lab ID Date Collected	MW-1 J4656-5 11/30	MW-2 J4656-4 11/30	MW-3 J-4678 12/8	MW-4 J4656-1 11/30	MW-5 J4656-6 11/30	TB-1 J4656-7K 11/30	NYSDEC CLASS GA STANDARDS (b)
Volatile Organic Compounds (ug/L)							
Vinyl Chloride	< 0.25	< 0.25	<0.41	**2.1**	< 0.25	< 0.25	2
Chloroethane	< 0.3	< 0.3	<0.25	**11.4**	**9.1**	< 0.3	5
Acetone	< 1.48	< 1.48	<1.3	**958**	**936**	< 1.48	50 GV
Methylene Chloride	< 0.41	< 0.41	<0.3	**10.4**	**9**	< 0.41	5
t-1,2-Dichloroethene	< 0.22	< 0.22	<0.28	1.1	0.91	< 0.22	5
Methyl t-butyl ether	< 0.28	< 0.28	<0.23	3.5	3.4	< 0.28	NS
1,1-Dichloroethane	< 0.14	< 0.14	<0.18	**18.8**	**16.2**	< 0.14	5
c-1,2-Dichloroethene	< 0.3	< 0.3	<0.34	**14.9**	**14.6**	< 0.3	5
2-Butanone	< 2.5	< 2.5	<0.82	**52.9**	**54.3**	< 2.5	50 GV
Benzene	< 0.1	< 0.1	<0.14	**32**	**28.4**	< 0.1	1
4-Methyl-2-pentanone	< 0.5	< 0.5	<0.45	222	222	< 0.5	NS
Toluene	< 0.15	< 0.15	2	**17,800**	**15,500**	< 0.15	5
Ethylbenzene	< 0.19	< 0.19	<0.21	**3,620**	**3,070**	< 0.19	5
m,p-xylene	< 0.28	< 0.28	4.1	**14,800**	**12,800**	< 0.28	5
o-xylene	< 0.16	< 0.16	0.94	**4,110**	**3,830**	< 0.16	5
Isopropylbenzene	< 0.26	< 0.26	<0.21	**9.1**	**7.8**	< 0.26	5
n-Propylbenzene	< 0.21	< 0.21	<0.28	3.3	2.6	< 0.21	5
p-Ethyltoluene	< 0.16	< 0.16	<0.34	13.4	11.6	< 0.16	NS
1,3,5-Trimethylbenzene	< 0.34	< 0.34	<0.30	4.5	4	< 0.34	5
1,2,4-Trimethylbenzene	< 0.22	< 0.22	<0.25	**12.6**	**11.6**	< 0.22	5
1,2-Dichlorobenzene	< 0.14	< 0.14	<0.19	2.5	2.7	< 0.14	3
Total VOCs:	ND	ND	7.04	41,702.5	36,334.21	ND	
Semivolatile Organic Compounds (ug/L)							
1,2-Dichlorobenzene	< 1.51	< 1.51	<0.19	1.3 j	1.5 j	*	3
Benzoic acid	< 10.3	< 10.3	<10.3	11.6	8.6 j	*	NS
Acenaphthene	2.8	< 1.78	<1.78	< 1.78	< 1.78	*	20 GV
Di-n-butylphthalate	0.9 j	< 2.38	<2.38	0.77 j	0.94 j	*	50
Fluoranthene	<2.2	<2.2	0.44 j	<2.2	<2.2	*	50
Pyrene	<2.0	<2.0	0.42 j	<2.0	<2.0	*	50
bis(2-Ethylhexyl)phthalate	0.55 j	4.3	1.3 b	2.1	2	*	5
Total SVOCs:	4.3	4.3	2.16	15.8	13.04	*	

(b) - Division of Water Technical and Operational Guidance Series 1.1.1 (June 1998).
GV - Guidance Value.
NS - No Standard.
ND - Compound not detected at analytical reporting limit.
Note - Numbers in bold exceed standard.

Table 3 (2 of 2)

MONITORING WELL SAMPLING RESULTS SUMMARY

CONSOLIDATED EDISON

Former North First Street Oil Storage Facility

Sample ID Lab ID Date Collected	MW-1 J4656-5 11/30	MW-2 J4656-4 11/30	MW-3 J-4678 12/8	MW-4 J4656-1 11/30	MW-5 J4656-6 11/30	TB-1 J4656-7K 11/30	NYSDEC CLASS GA STANDARDS (b)
Pesticides/PCBs (ug/L)	ND	ND	*	ND	ND	*	1.0/10
TAL Unfiltered Metals (ug/L)							
Aluminum	140 J	620	3,360	3,610	5,040	*	NS
Antimony	< 11	< 11	<11	< 11	< 11	*	3
Arsenic	30	18	<6.7	32	20	*	25
Barium	340	170	100 j	160	170	*	1000
Beryllium	< 2.2	< 2.2	<2.2	<2.2	< 2.2	*	3 GV
Cadmium	< 3.3	< 3.3	5	1 J	< 3.3	*	5
Calcium	107,000	80,300	59,400	134,000	135,000	*	NS
Chromium	< 5.6	< 5.6	6	9	10	*	50
Cobalt	< 11	< 11	<11	16	17	*	NS
Copper	3 J	4 J	29	66	28	*	200
Iron	46,900	21,000	23,900	27,900	30,700	*	300
Lead	1 J	3	87	13	13	*	25
Magnesium	22,900	79,600	13,300	40,000	41,000	*	35000 GV
Manganese	1520	880	780	8,170	8,390	*	300
Mercury	0.036 J	0.038 J	<0.050	0.078	0.066	*	0.7
Nickel	2 J	2 J	8 j	22	25	*	100
Potassium	32,600	16,300	25,700	11,600	12,700	*	NS
Selenium	< 5.6	5 J	<5.6	< 5.6	< 5.6	*	10
Silver	< 8.90	< 8.90	<8.9	2 J	< 8.90	*	50
Sodium	195,000	33,200	157,000	139,000	145,000	*	20000
Thallium	30 J	38 J	27 j	50 J	53 J	*	0.5 GV
Vanadium	< 11	6 J	12	17	20	*	NS
Zinc	45	53	200	110	120	*	2000 GV
TAL Filtered Metals (ug/L)							
Aluminum	< 150	< 170	62 j	< 170	< 170	*	NS
Antimony	< 11	< 11	<11	< 11	< 11	*	3
Arsenic	22	24	<6.7	23	8	*	25
Barium	230	110	45 j	130	120	*	1000
Beryllium	< 2	< 2	< 2.2	< 2	< 2	*	3 GV
Cadmium	< 3.3	< 3.3	<3.3	< 3.3	< 3.3	*	5
Calcium	112,000	78,500	60,400	152,000	125,000	*	NS
Chromium	5	< 5.6	<5.6	< 5.6	< 5.6	*	50
Cobalt	< 10	< 11	<11	2 J	3 J	*	NS
Copper	< 10	< 11	<11	< 11	< 11	*	200
Iron	24,300	480	10,700	14,000	10,400	*	300
Lead	6	< 2.2	3	2 J	< 2.2	*	25
Magnesium	24,600	7,720	13,200	43,700	36,300	*	35000 GV
Manganese	1,300	570	710	91,200	7,480	*	300
Mercury	0.019	0.015 J	<0.050	0.027 J	0.015 J	*	0.7
Nickel	2 J	< 11	<11	6 J	5 J	*	100
Potassium	35,300	16,300	25,800	11,300	9,470	*	NS
Selenium	< 5	5 J	<5.6	< 5.6	< 5.6	*	10
Silver	1 J	1 J	<8.9	1 J	2 J	*	50
Sodium	215,000	32,700	170,000	155,000	137,000	*	20000
Thallium	< 54	48 J	<60	71	71	*	0.5 GV
Vanadium	4 J	< 11	<11	2 J	1 J	*	NS
Zinc	96	53	73	74	46	*	2000 GV
Cyanide	8	< 6	<6	< 6	8	*	200

(b) - Division of Water Technical and Operational Guidance Series 1.1.1 (June 1998).
GV - Guidance Value
J - Estimated concentration, compound present below quantitation limit.
ND - Not detected at analytical detection limits.
NS - No Standard.
Note - Numbers in bold exceed standard.
* - Compound not analyzed.

TABLE 4 (Page 1 of 2)

GROUNDWATER SAMPLE ANALYTICAL RESULTS SUMMARY

CONSOLIDATED EDISON

Former North First Street Oil Storage Facility

Sample ID:	W-01		W-02		W-04R		S-06		W-08		NYSDEC
Laboratory ID:	J4660-1		J4677-1		J4661-2		J4652-1		J4661-1		CLASS GA
Date Collected:	12/9/99		12/9/99		12/13/99		12/3/99		12/13/99		STANDARDS (b)
Volatile Organic Compounds (ug/l)											
Acetone	<13		<1.30		**2,100**		<1.48		<1.3		50 GV
Carbon Disulfide	<2.1		<0.21		<2.1		4.1		<0.21		
Methylene Chloride	<3		**9.7**		**20.5**		<0.41		<0.3		5
1,1,1-Trichloroethane	<3.1		**9.2**		<3.1		<0.2		<0.31		5
Benzene	<1.4		**2**		<1.4		<0.1		<0.14		1
1,2-Dichloroethane	<1.9		**9.6**		<1.9		<0.2		<0.19		0.6
Trichloroethene	<2.7		2		<2.7		<0.2		<0.27		5
Toluene	**1,230**		**11100**		**5,860**		<0.15		<0.16		5
Tetrachloroethene	<2.8		**11.2**		<2.8		<0.11		<0.28		0.7
Ethylbenzene	**992**		**4080**		**380**		<0.19		<0.21		5
m,p-xylene	**3,800**		**15500**		**1,390**		<0.28		<0.45		5
o-xylene	**1,410**		**4560**		**484**		<0.16		<0.27		5
Isopropylbenzene	**7.1**		**29.4**		<2.1		<0.26		<0.21		5
n-Propylbenzene	<2.8		4.5		<2.8		<0.21		<0.28		5
p-Ethyltoluene	<3.4		**17.2**		<3.4		<0.16		<0.34		5
1,3,5-Trimethylbenzene	<3		4.1		<3		<0.34		<0.3		5
1,2,4-Trimethylbenzene	<2.5		**9.8**		<2.5		<0.22		<0.25		5
Naphthalene	<1.8		<0.18		<1.8		3.1		<0.18		13
Total VOCs:	7,439.1		35,290.90		10,234.5		7.2		ND		
Semivolatile Organic Compounds (ug/l)											
Benzyl alcohol	<1.43		0.81	J	NR		<1.85		<1.38		NS
2,4-Dimethylphenol	<1.57		0.41	J	NR		<1.3		<1.92		50
Acenaphthene	<0.97		<1.78		NR		0.90	J	<1.78		20 GV
Diethylphthalate	<3.28		0.69	J	NR		<3.1		<2.51		50
Phenanthrene	<0.67		<1.98		NR		0.57	J	<1.98		50 GV
Di-n-butylphthalate	<2.94		<2.38		NR		1.80	J	<2.38		50
Pyrene	<0.61		<2.00		NR		0.54	J	<2.00		50 GV
bis(2-Ethylhexyl)phthalate	0.51	JB	<0.93		NR		2.50		0.81	J	5
Benzo(g,h,i)perylene	<0.63		<2.34		NR		0.64	J	<2.34		NS
Total SVOCs:	0.51		1.91		NR		6.95		0.81		
Pesticides/PCBs	ND		ND		NA		ND		ND		

< - Not detected at analytical reporting limit.

1 - Duplicate sample was recollected at MW-9 and originally labeled MW-7.

2 - Sample collected at mW-6 was erroneously labeled MW-8.

3 - This is a duplicate analysis of MW-9.

(b) - Division of Water Technical and Operational Guidance Series 1.1.1 (June 1998).

j - Estimated concentration; compound present below quantitation limit.

GV - Guidance Value.

NS - No standard.

Note - Numbers in bold exceed standard.

TABLE 4 (Page 2 of 2)
GROUNDWATER SAMPLE ANALYTICAL RESULTS SUMMARY
CONSOLIDATED EDISON
Former North First Street Oil Storage Facility

Sample ID:	W-01		W-02		W-04	S-06		W-08		NYSDEC
Laboratory ID:	J4660-1		J4677-1		J4661-2	J4652-1		J4661-1		CLASS GA
Date Collected:	12/9/99		12/9/99		12/13/99	12/3/99		12/13/99		STANDARDS (1)
Unfiltered Metals (µg/l)										
Aluminum	221,000		26,000		NR	87,500		7,190		NS
Antimony	<11		<11		NR	**28**		<11	U	3
Arsenic	<6.7		<6.7		NR	**190**		<6.7	U	25
Barium	**2,330**		**1,190**		NR	**1,200**		220		1000
Beryllium	**21**		3		NR	**5**		<2.2	U	3 GV
Cadmium	**34**		2	J	NR	1	J	2.9	J	5
Calcium	144,000		211,000		NR	713,000		95,300		NS
Chromium	**1,160**		**100**		NR	**230**		**570**		50
Cobalt	294,000		57		NR	77		13		NS
Copper	**720**		57		NR	**570**		<11	U	200
Iron	**1,850,000**		**71,500**		NR	**156,000**		**113,000**		300
Lead	**320**		**39**		NR	**2,950**		19		25
Magnesium	**139,000**		**92,500**		NR	**503,000**		28,800		35000 GV
Manganese	**20,100**		**14,700**		NR	**3,140**		**57,900**		300
Mercury	0.03	J	0.051		NR	<0.05		**9**		0.7
Nickel	**740**		80		NR	**160**		**110**		100
Potassium	23,600		39,800		NR	42	J	22,100		NS
Selenium	<5.6		<5.6		NR	**42**		<5.6	U	10
Silver	24		1	J	NR	<8.9		6.5	J	50
Sodium	**266,000**		**951,000**		NR	**3,730,000**		**250,000**		20000
Thallium	<60		34	J	NR	<60		<60	U	0.5 GV
Vanadium	1,170		90		NR	220		34		NS
Zinc	1,870		230		NR	**2,180**		290		2000 GV
Filtered Metals (µg/l)										
Aluminum	520		63	J	NR	210		120	J	NS
Antimony	<11		<11		NR	**9**	J	<11	U	3
Arsenic	<6.7		<6.7		NR	12		<6.7	U	25
Barium	200		420		NR	520		**81**	J	1000
Beryllium	<2.2		<2.2		NR	<2.2		<2.2	U	3 GV
Cadmium	<3.3		<3.3		NR	<3.3		<3.3	U	5
Calcium	146,000		171,000		NR	330,000		93,600		NS
Chromium	3	J	<5.6		NR	<5.6		<5.6	U	50
Cobalt	17		13		NR	<11		<11	U	NS
Copper	<11		<11		NR	15		<11	U	200
Iron	**3,730**		**15,600**		NR	**310**		120		300
Lead	2	J	3		NR	9		1.4	J	25
Magnesium	**82,800**		**75,200**		NR	**563,000**		26,400		35000 GV
Manganese	**12,200**		**11,500**		NR	240		**4,540**		300
Mercury	0.018	J	0.039	J	NR	0.01	J	<0.05	U	0.7
Nickel	45		22		NR	3	J	9.4	J	100
Potassium	17,500		28,900		NR	263,000		18,800		NS
Selenium	<5.6		<5.6		NR	**28**		<5.6	U	10
Silver	2	J	2	J	NR	<8.9		<8.9	U	50
Sodium	**440,000**		**892,000**		NR	**4,200,000**		**244,000**		20000
Thallium	**62**		**59**	J	NR	<60		<60	U	0.5 GV
Vanadium	<11		1	J	NR	5	J	<11	U	NS
Zinc	110		78		NR	7	J	68		2000 GV
Cyanide	<6		<6		NR	48		<6		200

(2,100 µg/l) and methylene chloride (20.5 µg/l) were also detected at concentrations exceeding the Class GA standards. Only naphthalene (3.1 µg/l) was detected in the sample collected at S-06, and this concentration was below its standard. No VOCs were detected in the groundwater sample collected at W-08. S-06 and W-08 represent groundwater conditions at the former Pfizer property.

No SVOCs were detected at concentrations exceeding the standards in the groundwater samples collected from the borings at this site. The total detected SVOC concentrations ranged from 0.51 µg/l at W-01 to 6.95 µg/l at S-06. In addition, no pesticides or PCBs were detected in these samples.

The results of the metals analyses of the groundwater samples collected from borings are generally consistent with the results of samples collected from the monitoring wells. Concentrations of iron, manganese, sodium, and thallium (where detected) were above the standards in both the filtered and unfiltered samples at each boring. These results are further indication of the regional groundwater quality. As expected, the filtered sample results were less than the unfiltered sample results. Ten metals were detected in concentrations that exceeded the standards in the unfiltered analyses but were below the standards in the filtered analyses. The only exceptions were the antimony and selenium concentrations detected at S-06 and the magnesium concentrations detected at W-01, W-02, and S-06. The antimony concentrations for the unfiltered and filtered samples at S-06 were 28 and 9 µg/l, respectively. For selenium, the respective concentrations were 42 and 28 µg/l. Unfiltered magnesium concentrations for samples W-01, W-02, and S-06 were 139, 92.5, and 503 mg/l whereas the filtered concentrations were 82.8, 75.2, and 563 mg/l, respectively. The groundwater sample collected at S-06 had the most exceedances (14) of the metal standards in the filtered sample. For the filtered analyses, the W-01, W-02, and S-06 samples each had five metals with concentrations exceeding the class GA standards. Boring S-06 was advanced near the southwest corner of the Pfizer property with the objective of assessing the historic fill.

4.3 SEDIMENT

Results of both the manhole (M-01) and storm drain (D-01) samples (Table 5) show essentially little or no VOC, pesticide and PCBs impact. However, several SVOCs were detected including six (6) with concentrations exceeding the soil cleanup objectives.

Methylene chloride was detected in both the M-01 (0.0177 mg/kg) and D-01 (0.0084 mg/kg) samples. Methyl ethyl ketone (0.0019 mg/kg) was detected in the M-01 sample but not in the D-01 sample. No other VOCs were reported in concentrations above the method detection limits. Similarly, no pesticides were reported above the detection limits. Only one PCB, Aroclor 1260,

SEDIMENT SAMPLE ANALYTICAL RESULTS SUMMARY

Consolidated Edison - Former North First Street Oil Storage Terminal Site

Sample ID Lab ID Date Collected	D-01 J4652-5 12/02/1999	M-01 J4652-3 12/02/1999	RECOMMENDED SOIL CLEANUP OBJECTIVES (a)
Volatile Organic Compounds (mg/kg)			
Methylene Chloride	0.0084	0.0177	0.1
Methyl Ethyl Ketone	<0.00082	0.0019	0.3
Total VOCs:	0.00840	0.01960	10.0
SemiVolatile Organic Compounds (mg/kg)			
Naphthalene	0.269	0.172	13.0
2-Methylnaphthalene	0.174	0.122	36.4
Acenaphthylene	0.303	0.190	41.0
Acenaphthene	0.262	0.108	50***
Dibenzofuran	0.179	0.097	6.2
Fluorene	0.269	0.126	50***
Phenanthrene	3.46	1.89	50***
Anthracene	0.713	0.486	50***
Di-n-butylphthalate	0.903	0.389	8.1
Fluoranthene	6.82	3.92	50***
Pyrene	6.17	2.99	50***
Butylbenzylphthalate	2.2	0.756	50***
Benzo(a)anthracene	**3.28**	**1.94**	0.224 or MDL
Chrysene	**4.03**	**2.11**	0.4
bis(2-Ethylhexyl)phthalate	9.43	4.88	50***
Benzo(b)fluoranthene	**3.45**	**1.87**	1.1
Benzo(k)fluoranthene	**3.27**	**1.89**	1.1
Benzo(a)pyrene	**3.24**	**1.72**	0.061 or MDL
Indeno(1,2,3-cd)pyrene	2.47	0.791	3.2
Dibenzo(a,h)anthracene	**0.895**	**0.349**	0.014 or MDL
Benzo(g,h,i)perylene	2.6	**0.727**	50***
Total SVOCs:	54.387	27.523	500.0

(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.

*** As per TAGM #4046, Total VOCs < 10 ppm, Total SVOCs < 500 ppm, and individual SVOCs < 50 ppm.

j - Estimated concentration; compound present below quantitation limit.

MDL - Method Detection Limit.

ND - Not detected at analytical detection limit.

Note: - Numbers in bold exceed cleanup objective.

NR - Compound not analyzed.

Table 5 (Page 2 of 2)

SEDIMENT SAMPLE ANALYTICAL RESULTS SUMMARY

Consolidated Edison - Former North First Street Oil Storage Terminal Site

Sample ID Lab ID Date Collected	D-01 J4652-5 12/02/1999	M-01 J4652-3 12/02/1999	RECOMMENDED SOIL CLEANUP OBJECTIVES (a)
PCBs (mg/kg)			
Aroclor 1260	0.039	0.0612	1.0/10
TPH (mg/kg)	520	356	
Metals (mg/kg)			
Aluminum	11,300	7,650	SB
Antimony	31.2	29.3	SB
Arsenic	**28.8**	**32.6**	7.5 or SB
Barium	**356**	**528**	300 or SB
Beryllium	**0.56**	**0.45 J**	0.16 or SB
Cadmium	**14.4**	**11.6**	1 or SB
Calcium	15,200	5,990	SB
Chromium	**424**	**140**	10 or SB
Cobalt	24.6	14.7	30 or SB
Copper	**2,080**	**849**	25 or SB
Iron	**37,700**	**34,500**	2,000 or SB
Lead	2,030	1,920	SB****
Magnesium	9,890	3,790	SB
Manganese	438	249	SB
Mercury	**23.2**	**32.3**	0.1
Nickel	**236**	**117**	13 or SB
Potassium	1,100	540	SB
Selenium	**9.27**	**8.88**	2 or SB
Silver	6.48	3.08	SB
Sodium	<256	<223	SB
Thallium	9.36	5.98	SB
Vanadium	130	127	150 or SB
Zinc	**1,750**	**1,250**	20 or SB
Cyanide	0.012	0.012	***
TCLP Metals (mg/l)			
Arsenic	<0.0067	<0.0067	5
Barium	0.92	0.71	100
Cadmium	0.052	0.040	1
Chromium	0.008	0.013	5
Lead	0.26	0.420	5
Mercury	0.000074	0.00005	0.2
Selenium	0.012	0.006	1
Silver	0.003 **J**	0.0013 J	5

(a) - NYSDEC Technical Administrative Guidance Memorandum, January 1994.
*** - Some forms of Cyanide are complex and stable, while other forms are pH dependent and unstable. Site-specific form(s) of Cyanide should be taken into consideration when establishing soil cleanup objectives.
**** - Background levels for lead vary widely. Average levels in undeveloped rural areas range from 4-61 ppm, while levels in metropolitan/suburban areas renge from 200-500 ppm.
J - Estimated concentration; compound present below quantitation limit.
SB - Site background.
Note: - Numbers in bold exceed cleanup objective.
NR - Compound not analyzed.

was detected in both the M-01 (0.612 mg/kg) and D-01 (0.039 mg/kg) samples. All VOCs, pesticides, and PCB concentrations were below the soil cleanup objectives.

The six (6) SVOCs that were detected in concentrations above the soil cleanup objectives in both the M-01 and D-01 samples include benzo(a)anthracene (1.94 and 3.28 mg/kg), chrysene (2.11 and 4.03 mg/kg), benzo(b)fluoranthene (1.87 and 3.45 mg/kg), benzo(k)fluoranthene (1.89 and 3.27 mg/kg), benzo(a)pyrene (1.72 and 3.24 mg/kg), and dibenzo(a,h)anthracene (0.349 and 0.895 mg/kg) respectively. The total detected SVOC concentrations were 27.5 and 54.4 mg/kg, respectively. TPH results of the two samples are 356 mg/kg and 520 mg/kg, respectively.

Eleven metals were detected in concentrations exceeding the soil cleanup objectives. These metals include arsenic, barium, beryllium, cadmium, chromium, copper, iron, mercury, nickel, selenium, and zinc. With the exception of the copper concentration in the storm drain sample and the mercury and zinc concentrations in both samples, the exceedances were generally an order of magnitude or less. The copper concentration detected in the storm drain sample was 2,080 mg/kg, above the cleanup objective of 25 mg/kg. Mercury concentrations detected in the manhole and storm drain samples were 32.3 and 23.2 mg/kg, respectively, above the cleanup objective of 0.1 mg/kg. Zinc concentrations were 1,250 mg/kg and 1,750 mg/kg, respectively, above the cleanup objective of 20 mg/kg. These samples were also submitted for TCLP metals analyses with the results indicating no exceedances of the maximum concentrations for toxicity characterization.

4.4 SUMMARY

BTEX constituents were detected above cleanup objectives/standards in both soil and groundwater samples collected from borings advanced in the asphalt parking area adjacent to Kent Avenue. These results confirm previous results of a liquid sample collected in this area by others. The highest concentrations detected in both the soil and groundwater were from samples collected at boring S-02, which is adjacent to the neighboring building to the south. The concentration levels detected in these samples and the previous liquid sample are higher than what would be expected from the No. 6 fuel oil that is stored in the Con Edison 10,000 gallon UST that is in this area. In addition, the UST has consistently past tank tightness testing, according to Con Edison personnel and Con Edison's records. Therefore, the source of these constituents are believed to originate from an off site source, likely the adjacent property to the south.

BTEX constituents were also detected in a soil sample collected from the S-09 boring that was advanced near the northeast portion of the former Pfizer property. Because this area is downgradient of the asphalt parking area, the source of these constituents is likely from the same source as described above. A second potential source is a suspected 550 gallon UST that may

have existed at the northern portion of the site according to the December 1992 Phase I ESA Report (H2M, 1992). However, the UST area was not identified and the geophysical survey indicated that a UST could not be located.

The BTEX constituents were also detected in a groundwater sample collected from the existing MW-4 located in the sidewalk adjacent to River Street, approximately halfway between Metropolitan Avenue and North First Street. The well was installed to serve as an upgradient well for the fuel oil storage tanks. The total detected VOC concentration detected in a sample collected from this well was 41.7 mg/l, higher than the results of samples collected adjacent to the fuel oil tank. This results suggests that the BTEX constituents are migrating and the extent of the migration may now be beneath the oil storage tanks. If the BTEX constituents detected at each area originate from the same source, the extent of the BTEX impacted area is at least 70 feet long and 100 feet wide, conservatively, which is the approximate distances from the eastern property limit to MW-4 and from soil boring S-09 to MW-4, respectively. The impacted area likely extends beyond these areas.

SVOCs were detected in concentrations above the cleanup objectives at four of the five borings advanced on the former Pfizer property. These concentrations are generally an order of magnitude or less above the cleanup objectives. Results of groundwater samples collected from two borings (S-06 and S-08) advanced on the former Pfizer property indicate that there is little or no SVOC impact to the groundwater. SVOC cleanup objective exceedances were also detected in samples collected at borings S-10 and S-12. These borings were advanced adjacent to the oil storage tanks. No source of the SVOC constituents was identified in the previous site related documents or during the field activities.

No pesticides were detected in any sample collected at the site during this investigation. PCBs were detected in eight (8) soil samples, but at concentrations below the cleanup objective. PCBs and pesticides were not detected in any groundwater samples collected at the site during this investigation.

Metal concentrations detected in the soil are consistent with concentrations normally detected in urban fill. The metal concentrations detected in the groundwater samples are likely indicative of the regional quality. Following filtration, the metal concentrations decreased as expected. Therefore, the metal concentration exceedances detected in the unfiltered groundwater samples are likely attached to colloidal particles suspended in the groundwater.

The results of the manhole and storm drain sediment samples suggest some impact from the site activity has occurred at these areas. No VOCs exceeded the cleanup objectives in either sample, but concentrations of 6 SVOCs exceeded the objectives. No pesticides or PCBs exceeded the cleanup objectives in either sample. In both samples, eleven metals were detected in

concentrations above the objectives. In general, the SVOC and metal exceedances were an order of magnitude or less above their respective cleanup objectives.

At present, Con Edison is accepting bids on the subject site as part of their divestiture plan in accordance with the Public Service Commission's (PSC) requirement to liquidate properties for the potential future use as a power generation sites. However, it is unclear at this time whether the site will actually be used for this purpose, commercial or residential.

5. CONCEPTUAL REMEDIAL ALTERNATIVES

The purpose of this section is to identify and assess potential remedial alternatives that may be considered for the North First Street site. The Phase I Investigation (September 1999), historical data and the Phase II investigation conducted in November/December 1999 were used identify the areas of concern that may require some level of remediation. The remedial approach described herein was developed based on the limited data available and various assumptions regarding subsurface constraints, groundwater flow and the nature and extent of contamination.

5.1 GROUNDWATER IMPACTS

A 10,000 gallon underground storage tank (UST) formerly used for fuel storage is located on the site between River Street and Kent Avenue. Historically, there has been no evidence of a fuel leak, however, high concentrations of xylenes and toluene were detected in a boring (1996) advanced during the installation of cathodic protection. Xylene and toluene contamination was detected at levels exceeding 50% – 60%, indicative of pure product. These concentration levels are not typically associated with fuel oils; therefore, the source of the contamination most likely originates from an off-site facility. As discussed in the previous chapter of this report, groundwater data was collected from the four existing monitoring wells on-site. The data revealed fairly high concentrations of VOCs in the eastern most well (MW-4) presumed to be from the same source detected in 1996 around the 10,000-gallon fuel tank.

The historical data in conjunction with the recent data collected in 1999 reveals that the site groundwater is impacted by VOCs and some level of remediation would likely be required. The source for the contamination is unknown but presumed to be an adjacent property owner to the Con Edison facility. Based on this information, it appears that additional investigation is required to better delineate the source and extent of the groundwater contamination. For the purposes of this report, various assumptions were made regarding the extent of contamination in order to formulate a conceptual remedial action plan.

5.2 SOIL AND SEDIMENT IMPACTS

The site property located to the south, known as the former "Pfizer site" includes two molasses storage tanks and a sulfuric acid tank (reportedly cleaned). Historical remediation in this area includes soil excavation and disposal, however, borings gathered in December 1999 reveal that the site soils in this area exceed recommended soil cleanup objectives for various semi-volatile organic compounds and metals. The semi-volatile compounds detected suggest the contamination is due to fuel oil number 4, 5, or 6, or lubricating oils. Metals detected in exceedance of recommended clean-up levels include arsenic, mercury, copper, nickel and zinc. High levels of iron were also detected but may be indicative of the site background iron levels.

Sediment samples collected from drain penetrations and a manhole at the former Pfizer site also reveal the presence of semi-volatile organic compounds and metals in exceedance of recommended soil cleanup objectives. In general, the same compounds detected in the soils were also detected in the drain and manhole; however, the mercury, copper and nickel concentrations detected were ten to thirty times greater than the concentrations detected in the soil borings. Remedial action in the form of hot spot soil excavation and disposal is likely to be required in this area, however, the data is fairly weak and better delineation would be required to delineate areas of concern and boundaries of excavation. Various assumptions were made in developing the conceptual remedial approach described in this section.

Historical information revealed that a 550 gallon UST was possibly located in the northern portion of the former Pfizer site. Data collected in that area revealed that a UST does not currently exist in this area. However, the boring advanced near the northeast corner of the former Pfizer property shows that some BTEX constituents were detected at concentrations exceeding cleanup objectives. As discussed above in the groundwater impacts section, further investigation to delineate the extent of the BTEX constituents is required for this area.

5.3 MISCELLANEOUS ITEMS

There is historical evidence that a mycelium and sulfuric acid heating coil may have been disposed on site. The data gathered in December 1999 revealed that some SVOCs and metals were detected at concentrations exceeding the cleanup objectives in this area. Remedial action encompassing limited hot spot soil excavation in the former Pfizer site may be required for this area.

Miscellaneous containers of toxic or hazardous materials should be properly disposed of off-site. This includes a lead containment tub located in the building on the former Pfizer site. The six (6) fuel oil storage tanks should be cleaned and closed in accordance with applicable procedures. These tanks are reportedly removed from service and certified gas free in accordance with

applicable bulk storage regulations. The 234 gallon AST that stored fuel for the emergency backup generator and the 3,000 gallon AST used to store foamite for fire suppression should be cleaned and properly closed in accordance with applicable procedures if not intended for use by the prospective future owners.

5.4 CONCEPTUAL REMEDIAL ACTION

Of the impacts listed above, the groundwater condition seems to require the most attention due to the concentrations of volatiles detected in the shallow groundwater which exceed 40 parts per million of total volatile organic compounds (VOCs) criterion of New York Department of Environmental Conservation (NYSDEC). Although the groundwater use in the immediate area is limited and the classification of the directly impacted surface waters (East River) is not as restrictive as other water bodies, it is expected that additional investigation will be required to identify and stop the source of the VOC contamination prior to considering a groundwater remedial alternative. However, it is likely that some form of groundwater remediation may be required by NYSDEC in the future. However, the responsible party can not be determined based on the current investigation. Therefore, the following clean up alternatives are presented only as possible scenarios. Con Edison may not be responsible party and any groundwater remediation may be responsibility of other(s). In general, the major remedial action goal for the site is to prevent human exposure (inhalation, ingestion, and dermal contact) to the VOC contaminants in the shallow, on-site groundwater. A secondary remedial action goal is to limit further off-site migration of the shallow groundwater contamination. The specific remedial action objectives for the groundwater may be established by the NYSDEC groundwater standards. Achievement of these objectives is believed to be protective of human health and the environment.

A wide array of alternatives exists for groundwater remediation. These alternatives range from a no action alternative/natural attenuation to active pump and treat applications. The objective of this remedial action conceptual plan is to propose remedial activities that would address and remediate contaminated groundwater at the site, identify potential treatment and containment technologies that will satisfy the objectives and screen the technologies to eliminate those that cannot be implemented technically at the site.

Pump and treat alternatives have been screened out of this conceptual plan due to the usually high costs, required footprints and remediation life cycle costs. In addition, chemical remediation, bioremediation and biowalls are not discussed although, pending NYSDEC approval, could be considered viable alternatives to the options presented herein if long-term remediation were acceptable to the parties involved. If agreeable to the goals of Con Edison and NYSDEC, and depending upon the required remediation schedule, further investigation into these technologies is warranted.

Remedial alternatives are developed and then evaluated considering various criteria. These evaluation criteria generally are (1) protection of human health and the environment, (2) compliance with recommended guideline values, (3) reduction of toxicity, mobility, and volume, (4) short term effectiveness, (5) long term effectiveness and permanence, (6) implementability, and (7) cost. These seven criteria serve as the basis for conducting detailed analyses and for subsequently selecting an appropriate remedial action. The process of alternative development, screening, and evaluation is done in context with remedial action objectives developed for the site and the quantities of contaminated materials found to present based on the data gathered. The eighth and ninth criteria, community and state acceptance, are also to be considered in evaluating the remedial alternatives

Based on the data available and other project issues such as available time frames to perform remediation, site conditions and subsurface constraints the traditional approach has been streamlined to better reflect the actual project requirements.

5.5 REMEDIAL ACTION OBJECTIVES

Remedial action objectives are developed for a site to determine the levels to which contaminant concentrations must be reduced to protect human health and the environment. For the purposes of this study, the recommended soil cleanup objectives and Class GA groundwater standards will be considered. It is important to note that groundwater class GA standards are one of the more restrictive classifications and the actual remedial goals (established by the NYSDEC) should be less restrictive than the class GA requirements.

5.6 QUANTITIES OF CONTAMINATED MEDIA

The remedial action objectives discussed in the previous section were used to estimate the quantities of contaminated media present at the North First Street site. The estimated quantities of contaminated shallow groundwater are used to evaluate potential remedial alternatives for the site. The quantity of contaminated shallow groundwater of concern for the North First Street site is estimated to be 2.4 million gallons which assumes a 62,500 square feet of impact area to a depth of 25 feet and a soil porosity of 20%, but does not include groundwater migration into and out of the contaminated area.

The quantity of contaminated soils and sediment for the North First Street site is estimated to be 500 cubic yards (CY); or a total area encompassing 2,500 square feet to depths of about 5 feet. This estimate is preliminary and assumes hot spot excavations including drain and manhole refurbishment and closure.

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Alternative 1 for Groundwater remediation is Air Sparging/Soil Vapor Extraction/Vapor Treatment. This alternative considers the installation of an air sparging/soil vapor extraction (AS/SVE) system to remediate the shallow groundwater contamination at the site. Off-gas treatment and long-term groundwater monitoring are also implemented as part of this alternative. There are several reported advantages of using the air sparging technology over other methods for remediating contaminated groundwater including:

- Cost savings because there is no need to pump, handle, and treat groundwater at the surface; only contaminated vapor is extracted and treated in this technology.
- Integration with other remediation techniques.
- Flexibility of design.
- Successful implementation at numerous sites.

Some limitations reported for this technology include:

- Some constituents (such as metal compounds) may form complexes with the soil matrix, which may decrease volatilization rates.
- Heterogeneous soils may cause channeling (the preferential movement of air though high conductivity layers), thus limiting the effectiveness of the treatment.
- Aquifer clogging may occur when increased iron precipitation or biomass accumulation caused by oxygen injection changes subsurface characteristics.
- Soils in the unsaturated zone may become incidentally contaminated during the extraction of contaminated vapors.
- Extra planning and design may be warranted to attain sufficient air delivery to the saturated zone while preventing undesirable effects such as vapor migration and groundwater mounding.
- Subsurface constraints such as underground utilities, building foundations and fill materials may interfere with the construction and/or effectiveness of the remediation;
- Generally, the technology can not effectively remediate the areas under the existing fuel storage tanks; specifically tank "B: complex" where the plume may conceptually lie; groundwater flow patterns are generally unknown without groundwater elevation data. The primary concern is the flow pattern under the tank complex.
- Due the shallowness of the groundwater and the potentially large surface area that must addressed, vertical SVE wells may be numerous and costly. Likewise, horizontal SVE wells, which are better suited for shallow vadose zones, may be limited due to construction constraints (i.e. streets of New York City) and limited by access.

Air sparging/soil vapor extraction is a demonstrated in-situ physical/chemical treatment alternative for remediating contaminated groundwater, as per EPA's Superfund Innovative Technology Evaluation (SITE) program. Air sparging is an in-situ technology employed to

volatilize contaminants from the groundwater to the unsaturated zone. SVE then removes the volatilized contamination from the unsaturated zone to the ground surface, typically for vapor-phase treatment.

In AS/SVE technology, compressed air is injected into air sparge wells at controlled pressures and volumes to introduce air channels into the contaminated saturated zone. The channels induce in-situ air stripping of dissolved VOCs and volatilize trapped and adsorbed phase contamination present in the aquifer. In addition, aerobic biodegradation of the contaminants may also occur, depending on site-specific conditions. The channels containing contaminants travel from the saturated zone up to the unsaturated zone. The injection sparge wells are arranged such that the entire area requiring treatment is effectively aerated, which may involve creating overlapping zones of influence.

An SVE system then collects vapor-phase VOCs and transports them to the surface for subsequent treatment. The SVE system consists of vapor extraction points (VEPs) placed in the unsaturated zone above the contaminated groundwater and a vacuum system at the ground surface to remove vapors from the VEPs.

Unlike conventional groundwater remediation systems, air sparging does not require groundwater to be pumped to and treated at the surface. The technology is most applicable to VOCs, SVOCs, and non-volatile aerobically biodegradable organic contaminants. Air sparging has been used at sites with high yield aquifers and relatively course-grained (moderate to high permeability) homogeneous material that provides an effective contact between air and the contaminated medium being treated. The subsurface conditions at the North First Street site are not ideal for SVE due to the soils type (and typical permeability). However, successful SVE systems have been instituted in applications with similar subsurface conditions and the paved surfaces typical for that area will greatly reduce short-circuiting of soil vapors. It is strongly recommended that a pilot test be performed prior to any final design.

Air compressors or blowers are typically used to deliver a stream of air under pressure to the subsurface via the sparging wells, and vacuum pumps are utilized for the removal of contaminants in the vapor phase. The aboveground AS/SVE system components also typically include a vapor treatment system and a process control system to monitor and adjust air delivery and removal equipment for maximum remediation efficiency.

For the purposes of this report, a preliminary assessment of the AS/SVE system configuration, radii of influence, and air flow rates has been made based on historical application and reported subsurface conditions. At the North First Street site, the air sparging system would include the installation of approximately six air injection sparging wells, each consisting of 2-in diameter Schedule 40 PVC, to address the shallow groundwater contamination plume. The number of

sparging wells was derived based on a total plume area of approximately 62,500 SF and radii of influence of approximately 25 ft in each sparge well. Figure 2 shows approximate locations of the air injection wells. Each well will be mounted flush with the existing ground surface and installed to approximate depths of 15 - 25 ft bgs. A 15-hp air compressor unit should be capable of producing a free flow rate of approximately 60 scfm (approximately 10 scfm per injection point). The conceptual plans shows the air sparging wells forming a curtain of treatment in what is assumed to be the center of the plume area. This approach is necessary since active air sparging under the tank fields where the plume may lie, is not viable unless the tanks were demolished. Pilot testing and field measurements in the design phase of the work will more accurately determine the exact number and placement of each of the air sparging wells, along with specific subsurface air distribution patterns expected to result.

Approximately 6 – 8 vapor extraction points (VEPs) are estimated to be necessary to address the removal of VOCs transported though the unsaturated zone. Depending on the nature of the site soils this number may double specifically if the soils are heterogeneous with varying degrees of permeability. The installation of shallow SVE trenches can also be considered as an alternative to vapor extraction wells. The trenches are advantageous in that they can cover a larger surface area when compared to a well; however, the construction of these trenches in the streets of New York City may be difficult. Pilot testing and field measurements in the design phase of the work will determine the exact number, placement, and depth of each of the VEPs. Each well will be mounted flush with the existing ground surface and installed within the unsaturated zone. Each VEP will be 2 inches in diameter, and constructed of Schedule 40 PVC. A vacuum blower (approximately 10 hp) with a flow rate of approximately 120 –160 scfm would be used for the SVE system.

Components of the air sparging/SVE system include air compressor blower(s), inlet filter(s), and associated piping; a vacuum blower(s), filter(s), associated piping, and moisture separator; vapor-phase granulated activated carbon (GAC) units (described below); piping; system control equipment (i.e., valves, meters, electronics, gauges, etc.); and a structure to house system components and vapor treatment equipment. A part-time operator will be needed to operate and supervise the AS/SVE process and treatment plant.

Operation and maintenance costs include electricity to operate the system; periodic repair and replacement of system parts/components; routine operator inspection of the system; and system monitoring. System inspection and monitoring activities consist of routine visits to the site to inspect the air sparging and SVE components and collect real-time air measurements, as necessary.

Prior to final design, a pilot-scale treatability study will be performed to determine the overall effectiveness of the AS/SVE technology along with configurations (aerial locations and depths)

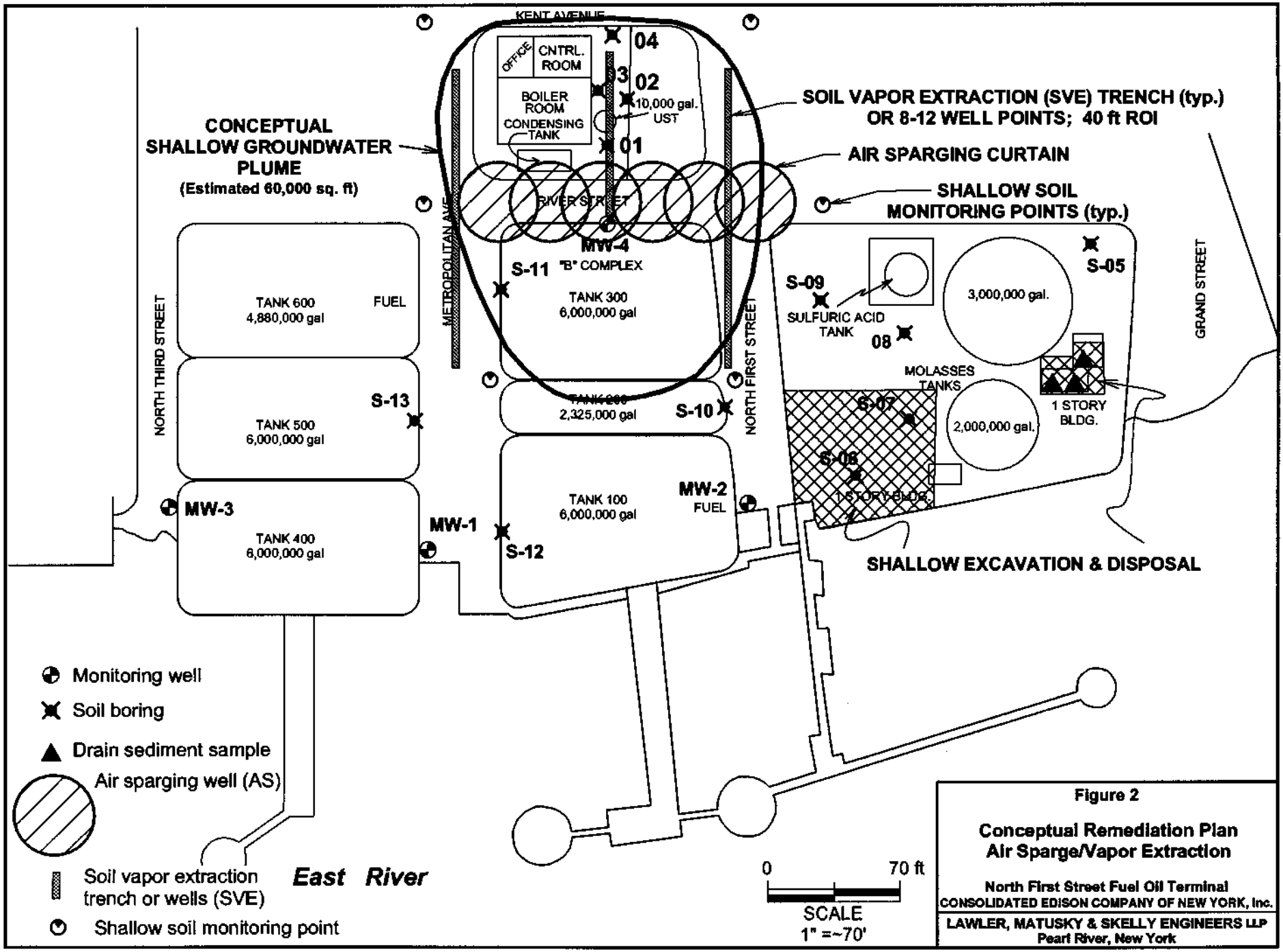

Figure 2

Conceptual Remediation Plan
Air Sparge/Vapor Extraction

North First Street Fuel Oil Terminal
CONSOLIDATED EDISON COMPANY OF NEW YORK, Inc.

LAWLER, MATUSKY & SKELLY ENGINEERS LLP
Pearl River, New York

of sparging wells, VEPs, and system piping at the site. Site-specific design parameters, such as zones of air distribution, injection air pressures, injection flow rates, and mass removal efficiency, can be obtained from a pilot test. A pilot scale test can also evaluate vapor phase treatment approaches. In addition, the extent of channeling at the site can be evaluated. The results of the pilot test will also be used to better estimate the run time and power requirements of the system.

It is assumed that the remedial objectives for the shallow groundwater contaminant plume at the North First Street site will be met in three – five years. The actual cleanup time may be longer than three – five years; better estimates of cleanup time can be made based on the pilot-scale treatability study. Remedial objectives are considered to be achieved when all compliance monitoring results meet specified criteria in two consecutive sampling episodes.

VOCs in the vapor phase are collected from each VEP and pumped with a vacuum extraction blower to a vapor treatment system. The overall vapor phase flow rate for the shallow contaminant plume is expected to be approximately 120 - 160 scfm. Most likely in New York City air emissions will require treatment by granular activated carbon (GAC). A preliminary review of the VOC constituents and respective vapor phase concentrations indicates that an emission stack will probably be required as well. However, the ultimate configuration of the entire vapor recovery/treatment system, including should be based on the results from the pilot study. Air monitoring and inspection of the vapor treatment system after startup may also determine system requirements.

The concentration of total VOCs in the groundwater exceeds 40 ppm. Although the exact partitioning rates from the air to water, and the soil to gas partitioning is unknown without pilot test data, it would appear vapor treatment will be required for this site. The primary constituents such as toluene and xylene are generally amiable to GAC adsorption, however, the others, such as vinyl chloride, are not. GAC was the assumed vapor phase treatment option for the air sparging/SVE alternative. However, other vapor phase treatment options (i.e., catalytic oxidation and UV treatment) should be evaluated during the final design and treatability study.

To confirm that the AS/SVE system is achieving remedial objectives, groundwater samples will be collected from piezometers installed for system performance monitoring and analyzed for VOCs. The results of these analyses will be used to determine whether remedial action objectives are being satisfied, and whether changes in system design, configuration, and operation are required. Long-term groundwater monitoring will be conducted on a periodic basis to determine if remedial objectives are being met. It is assumed that groundwater monitoring will be conducted twice per year for five years beyond remediation system startup.

The continued need for monitoring can be re-evaluated and possibly discontinued at any time during the 5-yr period. For example, if groundwater contaminant levels remain below the site

remedial action objectives for two consecutive sampling events, the monitoring program may be discontinued. If contaminant levels continue to exceed the remedial action objectives at the end of the 5-yr period, the monitoring program and system operation will be extended and/or other remedial actions may be taken.

Alternative 2 for groundwater treatment is In-Well Vapor Stripping/Vapor Treatment. This alternative includes remediating the shallow, on-site groundwater at the North First Street site by implementing in-well vapor stripping, an in-situ remediation technology, and off-gas treatment. This alternative also includes long-term monitoring of the groundwater plume. The reported advantages of using the in-well vapor stripping technology over other methods for remediating contaminated groundwater include:

- Cost savings because there is no need to pump, handle, and treat groundwater at the surface; only contaminated vapor is extracted and treated in this technology.
- System can be designed so that soils in the unsaturated zone do not become incidentally or temporarily contaminated during groundwater remediation.
- Simplicity of design.
- Limited maintenance requirements.

Some limitations reported for this technology include:

- Possible clogging of well screens due to precipitation of iron or other nutrients present in the subsurface.
- Potential to spread contaminants in the subsurface if the system is not properly designed or constructed.
- Lower effectiveness in shallow aquifers (due to limited area for groundwater recirculation).
- Subsurface constraints such as underground utilities, building foundations and fill materials may interfere with the construction and/or effectiveness of the remediation;
- Generally, can not effectively remediate the areas under the existing fuel storage tanks; specifically tank "B: complex where the plume may conceptually lie; groundwater flow patterns are generally unknown without groundwater elevation data. The primary concern is the flow pattern under the tank complex.

Several commercial variations of the in-well vapor stripping process have been developed. Three main types of in-well vapor stripping systems include the Unterdruck-Verdampfer-Brunnen (UVB) or "vacuum vaporizer well" system, the NoVOCs™ system, and the Density Driven Convection (DDC) system. The UVB in-well vapor stripping system was selected for analysis because of several reasons:

- The large amount of information and research readily available in the literature.

- Flexibility of the system to operate under various site conditions.
- Decreased moisture content in vapors to be treated.
- Lower likelihood of well screens to become clogged by iron precipitates.
- Previous demonstration at sites with other physical and contaminant characteristics similar to the North First Street site..

In-well vapor stripping (also known as in-situ vacuum, vapor, or air stripping) is a demonstrated in-situ physical/chemical treatment alternative for remediating contaminated groundwater, as per EPA's Superfund Innovative Technology Evaluation (SITE) program. The technology involves the creation of groundwater circulation patterns, or "cells", in the subsurface surrounding specially designed wells and simultaneous aeration within the wells to volatilize VOCs from the circulating groundwater. Contaminated vapors are typically extracted from the wells and treated at the surface; however, unlike conventional groundwater remediation systems, in-well vapor stripping does not require groundwater to be pumped to and treated at the surface. This in-well air stripping technology is most applicable to VOCs. However, modifications of the basic remedial process are proposed for applications to treat SVOCs, pesticides, and inorganics. In-well vapor stripping has been used in unconfined and confined aquifers and applied to geologic materials with a range of characteristics.

An in-well stripping well consists of an inner and an outer casing that are hydraulically separated from one another, usually by a packer or divider plate. This separation ensures one-directional flow of groundwater into the well at its base (through a lower screened interval) and out of the well near the water table (through an upper screened interval). Air is injected into the well through a gas injection line and diffuser, releasing bubbles into contaminated groundwater in the well. These bubbles aerate the water and form a type of air-lift pumping system (due to an imparted density gradient) that causes groundwater to flow upward in the well. As the bubbles rise, VOC compounds in the water are transferred from the dissolved state to the vapor state through an air stripping process.

The air/water mixture rises in the well until it encounters the dividing device within the inner casing. The divider is designed and located within the well to maximize volatilization. The air/water mixture flows from the inner casing to the outer casing through the upper screen. A vacuum is applied in the outer casing, and contaminated vapors are drawn upward through the annular space between the two casings and typically treated at the ground surface. The partially treated groundwater, from which some of the VOCs have been removed, re-enters the subsurface through the upper screen and infiltrates back to the aquifer and the zone of contamination where it is eventually cycled back into the well. This pattern of groundwater movement forms a circulation cell in the subsurface around the well that allows groundwater to undergo sequential treatment cycles until remedial objectives are achieved. The treated water may also be diverted to a re-injection gallery upgradient of the in-well stripping to flush out the system. A continuous

organic-rich vapor stream is created as contaminant concentrations in groundwater are significantly reduced.

At the North First Street site, the in-well vapor stripping system would include the installation of three – four groundwater circulation/stripping wells (8-in. diameter) to address the shallow, on-site groundwater contamination plume based on contaminant depths and radii of influence expected to be achieved (Figure 3). Each well will be mounted flush with the existing ground surface and installed to approximate depths of 25 ft bgs. The estimated groundwater flow rate in each well is 10 - 50 gallons per minute (gpm). Aquifer pump testing and field measurements in the design phase of the work will more accurately determine the construction details and placement of each of the in-well vapor stripping wells, along with specific groundwater circulation/treatment patterns expected to result.

Components of the in-well vapor stripping system include: air injection blowers and associated piping; vacuum extraction blowers (for vapor collection) and associated piping; a moisture separator and condensate storage container; system control equipment (i.e., valves, meters, electronics, gauges, etc.); an iron sequestering/pH control system; and a structure to house system components and vapor treatment equipment. A part-time operator will be needed to operate and supervise the in-well vapor stripping process and treatment plant.

Operation and maintenance costs include electricity to operate the system; periodic repair and replacement of system parts/components; iron control chemical replenishment; routine operator inspection and maintenance of the system; and system monitoring. System inspection, maintenance, and monitoring activities consist of routine visits to the site to inspect and clean the in-well vapor stripping components and collect real-time air measurements, as necessary.

Prior to final design, a pilot-scale treatability study and aquifer pump test will be performed to determine the overall effectiveness of the in-well vapor stripping technology and well/piping configurations at the site. A pilot scale test can also determine optimal operating pressures and flow rates to remove contaminants from the groundwater and evaluate the airflow distribution and vapor phase treatment approaches. In addition, control of iron and pH in the subsurface can be evaluated. The results of the pilot test will also be used to better estimate the run time and power requirements of the system.

To confirm that the in-well vapor stripping system is achieving remedial objectives, periodic groundwater sampling will be conducted. It is assumed that groundwater samples would be collected from existing monitoring wells at the site and analyzed for VOCs. The results of these analyses will be used to determine whether remedial action objectives are being satisfied, and whether changes in system design, configuration, and operation are required. Groundwater monitoring is assumed to be conducted twice per year for five years beyond remediation system

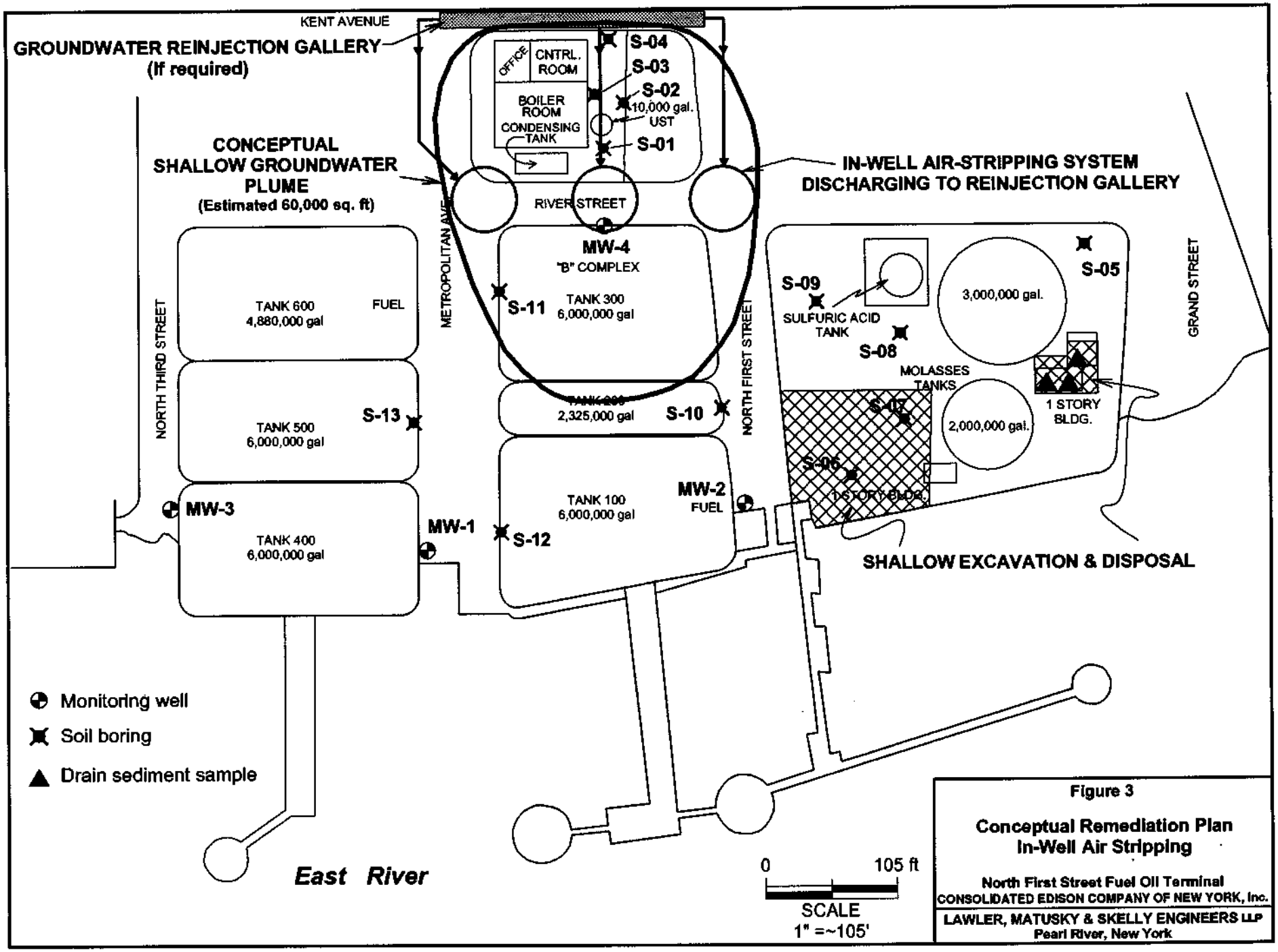

Figure 3

Conceptual Remediation Plan
In-Well Air Stripping

North First Street Fuel Oil Terminal
CONSOLIDATED EDISON COMPANY OF NEW YORK, Inc.

LAWLER, MATUSKY & SKELLY ENGINEERS LLP
Pearl River, New York

startup. The continued need for monitoring can be re-evaluated and possibly discontinued at any time during the 5-yr period. For instance, if groundwater contaminant levels remain below the site remedial action objectives for two consecutive sampling events, the monitoring program may be discontinued. If contaminant levels continue to exceed the remedial action objectives at the end of the 5-yr period, the monitoring program, and system operation, will be extended and/or other remedial actions may be taken.

5.7 HOT SPOT EXCAVATION AND DISPOSAL

Based on the soil data gathered in December 1999, it appears that some areas (Figures 2 and 3) will likely require hot spot soil excavations and disposal of hazardous or non hazardous soils. This remedial approach is readily implementable and advantageous since it eliminates the source of contamination and reduces long-term liabilities and monitoring requirements. For the purposes of this estimate, it is assumed that 500 CY of various soils require disposal to depths no greater than 5 feet. This includes the soils and sediment associated with the Pfizer site drains and manholes.

It was further assumed that the excavations would have to hand excavated to depths of 4 feet to avoid subsurface utilities. The collected soils would be staged on site, sampled and properly disposed of in accordance with applicable requirements. For the purposes of this estimate, it is assumed that 80% of soils would be non-hazardous and 20% would classified as hazardous wastes.

Subsequent to the hot spot excavation, this approach assumes that end point sampling would be required to ensure that the soils were remediated to maximum extent possible.

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Appendix A

Work Plan for the North First Street Site (dated November 29, 1999)

WORK PLAN
FORMER NORTH FIRST STREET OIL STORAGE TERMINAL

WORKPLAN FOR PHASE II ENVIRONMENTAL SITE ASSESSMENT FORMER NORTH FIRST STREET OIL STORAGE TERMINAL BLOCK 2362, LOT 3 & BLOCK 2376, LOT 6, 214 KENT AVENUE BROOKLYN, NEW YORK

Prepared for

Consolidated Edison Company of New York, Inc.
Long Island City, New York

Prepared by

LMS Engineers, LLP
Pearl River, NY

November 29, 1999

WORKPLAN FOR PHASE II
ENVIRONMENTAL SITE ASSESSMENT
FORMER NORTH FIRST STREET OIL STORAGE TERMINAL
BLOCK 2362, LOT 3 & BLOCK 2376, LOT 6, 214 KENT AVENUE
BROOKLYN, NEW YORK

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1. OBJECTIVE

This work plan as part of the Phase II environmental site assessment (ESA) investigation for the North First Street Oil Storage Terminal Site has been formulated after reviewing the Phase I documents and other site documentation provided by Con Edison. Documentation that was formulated to identify recognized environmental conditions on the site, generally as that term has been defined by ASTM was reviewed. The next stage of the process is to perform site sampling to confirm or refute any significant contamination on the site relative to regulatory standards and guidelines. The scope is designed to characterize contamination. If impacted areas are identified, additional samples may be collected to delineate such conditions, if possible.

The North First Street Oil Storage Terminal site is bordered by North 3rd Street to the north, the East River to the west, Grand Street Park and Grand Street to the south, and River Street to the east. A portion of the site is bounded by Metropolitan Avenue to the north, River Street to the west, Kent Avenue to the east, and an adjoining warehouse property to the south. The site consists of two areas containing large, above ground, oil storage tanks, the former Pfizer property to the south, and a building containing offices, a boiler room, and control room with an adjacent parking lot to the east. The former Pfizer property was previously used for transfer and storage of molasses and sulfuric acid for cough syrup production. Based on the site's proximity to the East River, groundwater is expected to flow westward.

2. BACKGROUND

A Phase I ESA report, dated 10 September 1999, was prepared by Holzmacher, McLendon, and Murrell, P.C. (H2M). The Phase I report identified a number of recognized environmental conditions at the site:

- There is a suspected 550 gallon underground storage tank at the northern portion of the Pfizer property and a 2,000 gallon UST near the southeast corner of the Pfizer property that lack appropriate closure documents and may constitute recognized environmental conditions. Documentation or investigation of these tanks may be required.

- In a December 1992 Phase I document for the former Pfizer portion of the Site, excavation of mycelium and sulfuric acid heating coil-impacted areas was recommended. Reportedly, the mycelium and sulfuric acid impacted areas were excavated to visually clean soils. However, no endpoint samples were collected. Therefore, some shallow soil sampling is planned for this area.

- The Phase I report stated that asbestos and lead containing paint materials noted at the property were in good condition. Therefore, these materials were not identified as a

significant environmental concern. However, any potential construction or remediation activities should consider these materials.

- The Phase I report concludes that because the site has a long-term industrial nature and previous site operations are not readily apparent, local impacted areas may be present. Groundwater conditions up and downgradient of the Site, as well as shallow soil conditions, should be investigated. For this reason, several samplings are recommended at locations distributed across the site, rather than in designated source areas. The unknown site history is not a sufficient rationale to constitute a recognized environmental condition in our opinion, but the sampling described above will assess materials present at the site.

- The Phase I report mentions several containers of toxic or hazardous materials such as diesel fuel, foamite, tar, grease, etc. exist at the Site. Residual materials in storage tanks, such as ethylene glycol and petroleum, and lead containment liners should be properly disposed at an appropriate off site facility.

- The Phase I report concludes that floor penetrations at the south structure of the former Pfizer property may be potential sources. These locations will be inspected, traced if possible, and sampled if the penetrations discharge to onsite areas.

- Two elevated stainless steel tanks were discussed in the Phase I report. These tanks are situated in the tank filling structure and contained an unknown liquid. The size of the tanks is also unknown. No evidence of leakage or overfilling was discussed in the Phase I report. Therefore, these tanks will be inspected to evaluate their previous use. If the tanks contain residual materials, the residuals will be sampled, if possible, for waste disposal parameters so that potential remedial actions can be evaluated. Also, the volume of material remaining in the tanks will be estimated for disposal.

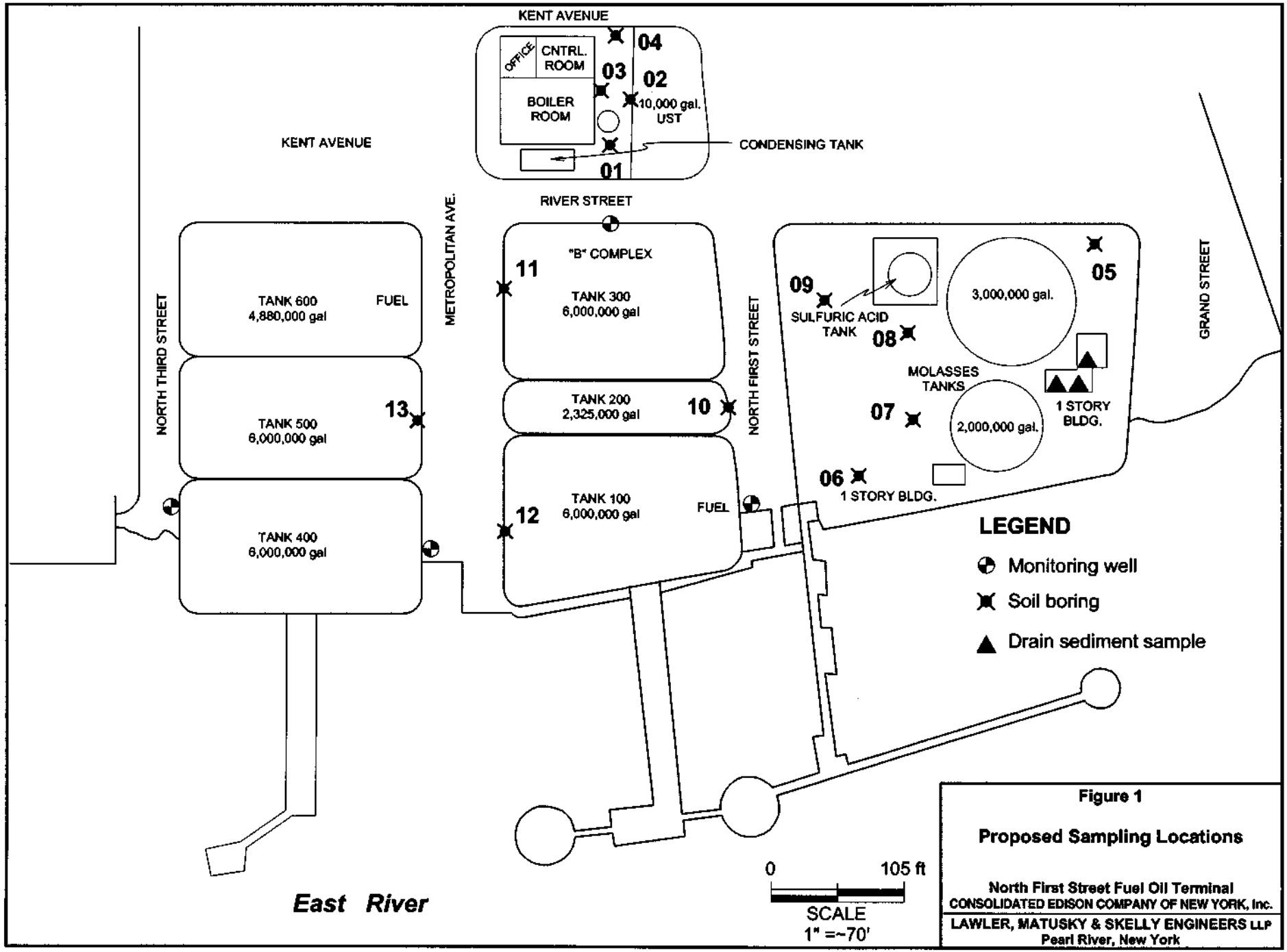
- Information provided by Con Ed has shown that product containing volatile organics was encountered in soil borings advanced for the cathodic protection installation associated with the 10,000 gallon UST. The VOCs detected included xylene and toluene. The source of these compounds has not been identified. Therefore, borings will be advanced within the vicinity of the UST to characterize the subsurface conditions in this area.

- An inventory of toxic/hazardous material on site including a material description, loeation and volume should be performed. This will be useful for formulation of any remedial action and associated cost estimate required in the Phase II Report.

3. FIELD INVESTIGATIONS

3.1 GEOPHYSICAL SURVEY

We recommend the use of a geophysical method to search for the suspected 550 gallon UST possibly located at the northern portion of the Pfizer property (Figure 1). Because the suspected location is vague, the area is not indicated on the site map. If the UST is not located, then no separate sampling may be necessary at that portion of the site. The geophysical methods proposed for this facility will be either ground penetrating radar, magnetometry, or a combination


KENT AVENUE
OFFICE
CNTRL. ROOM
BOILER ROOM
04
03
02
10,000 gal. UST
01
CONDENSING TANK
KENT AVENUE
RIVER STREET
METROPOLITAN AVE.
NORTH THIRD STREET
NORTH FIRST STREET
GRAND STREET
TANK 600
4,880,000 gal
FUEL
TANK 500
6,000,000 gal
TANK 400
6,000,000 gal
"B" COMPLEX
11
TANK 300
6,000,000 gal
TANK 200
2,325,000 gal
10
13
TANK 100
6,000,000 gal
FUEL
12
09
SULFURIC ACID TANK
08
05
3,000,000 gal.
MOLASSES TANKS
07
2,000,000 gal.
1 STORY BLDG.
06
1 STORY BLDG.
LEGEND
Monitoring well
Soil boring
Drain sediment sample
East River
0
105 ft
SCALE
1" =~70'
Figure 1
Proposed Sampling Locations
North First Street Fuel Oil Terminal
CONSOLIDATED EDISON COMPANY OF NEW YORK, Inc.
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Pearl River, New York

of the two methods. During the geophysical survey, the suspect area (approximately 0.5 acre) will be traversed to identify subsurface anomalies. Any anomalies will be reviewed to determine the potential source of the readings. If an anomaly indicative of a UST is detected, soil borings or test pits will be advanced downgradient of the anomaly to evaluate the subsurface conditions.

3.2 SAMPLING OF BUILDING AND STRUCTURES

The site now contains three buildings: two (2) one-story buildings on the former Pfizer property and a building containing an office, control room and boiler house at the property adjacent to Kent Avenue. A manhole and two floor drains were identified in one of the former Pfizer site buildings. Both the floor drains and the manhole are believed to drain to the East River. The floor drains and the manhole will be inspected to document their integrity and probed to assess the bottom conditions. If sediment exists within the floor drains or manhole, the material will be sampled for TCL VOCs, SVOC, pesticides/PCBs, and TAL Metals and cyanide (Table 1). Specific analytical methods and detection limits are described in the QA/QC plan.

The sample collection will include use of either a hand auger or trowel, as appropriate to remove material from the floor drains/manhole as accessible. The portion of the sample collected for VOCs will be immediately transferred to laboratory supplied sample containers. A photoionization detector or equivalent will be used to obtain a headspace reading of the material. The remainder of the sample will be transferred to decontaminated stainless steel bowls, homogenized, and then transferred to the appropriate containers.

3.3 SURFACE SOIL SAMPLING

Because ASTs, existing buildings, surface cover the majority of the site remediated areas, and asphalt paved areas, surface soil samples will not be collected. Subsurface conditions will adequately represent near surface conditions.

3.4 SUBSURFACE SAMPLING

3.4.1 Site Set Up

Before any subsurface samples are collected, the utilities will be marked at the site. A utility clearance will be requested by contacting New York One-Call so that all known utilities are identified and that the utility companies are informed work is occurring in this area. In addition, a subcontract utility locating firm such as Eastern Locating will locate on-site utilities. The utility locating firm will use m-scopes or similar devices in an attempt to identify the orientations of potential utilities near the subsurface sampling activity. For an added precaution, the upper five feet of the sampling location will be excavated by non-mechanical means. Non-mechanical

TABLE 1
Sampling Summary
North First Street

Boring No.	Objective	Sample Depth	Proposed Analyses
X01	Assess conditions downgradient of the 10,000 gallon UST	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X02	Assess conditions immediately adjacent to Paint facility	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X03	Assess conditions where solvent liquid was encountered	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X04	Assess upgradient conditions	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X05	Confirm previous excavation reached non-impacted material.	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X06	Assess subsurface conditions between old building foundation and bulkhead	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X07	Evaluate historic fill	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X08	Confirm previous excavation reached non-impacted material.	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X09	Confirm previous excavation reached non-impacted material.	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X10	Assess subsurface conditions south of Tank 200	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X11	Assess subsurface conditions north of Tank 300	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X12	Assess subsurface conditions north of Tank 100	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH
X13	Assess subsurface conditions south of Tank 500	0 - 2 Water table Other interval	PCBs, TPH, lead VOC, SVOC VOC, SVOC, PCBs, TPH

TABLE 1
Sampling Summary
North First Street

Groundwater Sampling

X01	Assess conditions downgradient of the 10,000 gallon UST	Hydropunch/Geoprobe	VOC, SVOC, metals[1], PCBs
X02	Assess conditions immediately adjacent to Paint facility	Hydropunch/Geoprobe	VOC, SVOC, metals[1], PCBs
X03	Assess conditions where solvent liquid was encountered	Hydropunch/Geoprobe	VOC, SVOC, metals[1], PCBs
X04	Assess upgradient conditions	Hydropunch/Geoprobe	VOC, SVOC, metals[1], PCBs
X05	Confirm previous excavation reached non-impacted material.	Hydropunch/Geoprobe	VOC, SVOC, metals[1], PCBs
X06	Assess subsurface conditions between old building foundation and bulkhead	Hydropunch/Geoprobe	VOC, SVOC, metals[1], PCBs
NTMW1	Assess site groundwater conditions	Monitoring well	VOC, SVOC, metals[1], pest/PCBs
NTMW2	Assess site groundwater conditions	Monitoring well	VOC, SVOC, metals[1], pest/PCBs
NTMW3	Assess site groundwater conditions	Monitoring well	VOC, SVOC, metals[1], pest/PCBs
NTMW4	Assess site groundwater conditions	Monitoring well	VOC, SVOC, metals[1], pest/PCBs

Sediment Sampling

SED-1	Floor Drain inside 1-Story Building		VOC, SVOC, metals, pest/PCBs
SED-2	Floor Drain with Dirt Floor inside 1-Story Building		VOC, SVOC, metals, pest/PCBs
SED-3	Manhole inside 1-Story Building		VOC, SVOC, metals, pest/PCBs

QA\QC Sampling

Field Blanks	Soil Groundwater Sediment	4 2 1	
Trip Blanks	Groundwater	3	
MS\MSD	Soil Groundwater Sediment	2 2	
Duplicates	Soil Groundwater Sediment	1 1 0	

excavation may be performed by hand excavating, super sucking, air lancing, or similar methods as appropriate. Proposed sampling locations may be adjusted if utilities limit access to a specific area.

To avoid excavation shoring (which is required at 5 feet for a person getting into the hole), an alternative plan is to excavate to 4.5 feet bgs, and then continue hand post augering in a smaller hole so that a fiberglass rod can be inserted approximately one foot below) to ensure utility clearance to 5.5 feet bgs.

3.4.2 Soil Borings

Thirteen (13) borings are proposed to be advanced at the site to the water table with soil and/or groundwater analyses to be performed. Because four (4) monitoring wells currently exist at the site, no additional permanent groundwater monitoring wells are specified. However, groundwater samples will be collected at four to six locations by either geoprobe or hydropunch sampling to evaluate potential groundwater impacts. Table 1 lists the boring number, its objective, and proposed analytes.

Soil samples will be collected using split spoon samplers or Geoprobe samplers, as appropriate. Continuous soil samples at 2 or 4 foot intervals will be collected from ground surface to the completion depth of the boring. Upon removal from the borehole, the headspace of the sample will be screened using a photoionization deteetor or equivalent. A portion of each soil interval sample will be retained in a resealable plastic bag and allowed to warm. After approximately 15 minutes, the headspace of the rescalable bag will be monitored using the PID with the measurement recorded on the boring log.

For this investigation, at least one and a maximum of three (3) samples per boring will be collected for chemical analyses. The soil samples submitted for chemical analysis will be determined during the field activities and will be based on the headspace measurements and field observations of staining or odors. If no unusual field observations occur and headspace readings are at background levels, only one sample will be collected and that depth will be immediately above the water table. If multiple sample intervals have elevated headspace and staining or odors, the samples submitted to the lab will be based on the field geologist's discretion with a bias to the intervals with the higher headspace measurements and heavy staining or odors.

Locations of all soil borings will be measured from existing and permanent site features. The measurements will be collected in a way that each location can be revisited if necessary. The measurements will be recorded in a field logbook or on a boring log as appropriate.

3.4.3 Groundwater Sampling

Groundwater samples will be collected following the specific procedures based on the appropriate drilling method (i.e., hydropunch or geoprobe). For this investigation, four (4) groundwater samples from borings (hydropunch/ geoprobe microwell) are proposed for collection. The location of these samples will be determined during the field activities and will be biased on the headspace results and field observations. If no elevated headspace readings are measured and no staining or odors noted, the groundwater samples will be collected at areas where potential sources are suspected. Table 1 indicates the suspected potential source areas where the groundwater samples may be collected.

Because this site has four existing monitoring wells, no monitoring well installations are planned. However, groundwater samples will be also collected from these existing wells to assess groundwater conditions at the site. Sampling results of base neutral compounds are available for these wells with the results indicating little or no compounds detected. Results for other parameters are either non-existent or not available. Therefore, groundwater will be sampled for VOCs, SVOCs, pesticides/PCBs, metals and cyanide.

The sampling activity will commence by opening the well and immediately collecting a headspace reading to assess any vapors that may be present. A depth to groundwater measurement will then be collected to determine the groundwater elevation and the amount of water to be removed for each well volume. Each well will be purged of 3 to 5 well volumes before the groundwater samples are collected. The purged groundwater will be contained in 55-gallon drums and handled following the waste handling procedures described below. Following purging, the wells will be allowed to recover until either 90% of the initial static water level or two (2) hours after completion of purging, whichever occurs first. Groundwater samples will be collected by lowering a dedicated polyethylene bailer below the water surface and then raising it from the well. The VOC containers will be filled first, followed by SVOCs, pesticides/PCBs, and metals/cyanide. A trip blank for VOCs will accompany the sample containers from the laboratory through the field sampling and delivery to the laboratory.

Based on the proximity of the site to the bulkhead, potential riprap, and subsurface concrete pads/foundations, the use of a drill rig may be preferred over Geoprobing. However, the Geoprobe will be used initially to limit the amount of drill cuttings generated during the subsurface sampling and to access tight areas where a drill rig may not be suitable.

All downhole equipment that is exposed to potentially impacted materials will be decontaminated before re-use at another location. Decontamination procedures are described below.

3.5 SURFACE WATER SAMPLING

No quantitative surface water sampling is recommended. However, during the site sampling activities, the bulkhead will be inspected on at least one occasion at low tide for any visual discharges. Any oil sheens or discolored leachate will be noted, sampled and tested.

3.6 SEDIMENT SAMPLING

A manhole and two floor drains within the truck weighing structure will be sampled provided sediment exists within these features. The approximate locations of the manhole and floor drains within the truck weighing station are shown on Figure 1. The purpose of the sediment samples is to assess the nature of materials that may have accumulated or passed through the drainage system during the previous site operations. For this investigation, three (3) sediment samples from the drains and manhole are proposed.

The floor drains will first be inspected to document their integrity, probed to assess the bottom, and then sampled if material is present. The sediment samples collected from the floor drains and/or manholes will be collected using a hand auger or equivalent. The hand auger will be advanced into the material and removed once material is retained within the sampling tool. Upon removal from the floor drain/manhole, a sample will be immediately collected for VOCs. The material will then be transferred to a decontaminated stainless steel bowl, homogenized and transferred to the appropriate laboratory supplied sample containers for SVOCs, pesticides/PCBs, and metals analyses. All equipment that has come in direct contact with the material that was sampled will be decontaminated before re-use.

No sediment samples will be collected from the perimeter of the site within East River. Sediment samples were previously collected following the Phase I of the Pfizer property. The results of these samples showed that sediments have the common constituents of the East River sediment.

4. SAMPLE HANDLING

All materials that are sampled will be transferred to laboratory supplied sample containers immediately following collection. In general, the portion of the sample collected for VOCs will be transferred to the sample containers first. Upon collection, each container will be labeled according to the sample identification. The parameter, date, time, person collecting the sample, preservative and site location will also be indicated on the sample label. The sample containers will then be placed in an iced cooler maintained at 4° Celsius. A chain of custody will be prepared to accompany the sample containers from collection through delivery to the laboratory. Sample coolers will be secured with chain of custody seals. All sample coolers will be delivered

to the analytical laboratory (Environmental Testing Laboratories) by overnight or laboratory provided courier as available. Any samples submitted to the laboratory will be protected by Bubble wrap or other packaging materials to limit potential container breakage. Coolers forwarded by overnight courier will be adequately secured with packaging tape to prevent the cooler from opening during shipment.

5. EQUIPMENT DECONTAMINATION

Before any onsite work occurs, a decontamination area will be constructed (pallets with plastic sheets over, etc.) to collect the rinse water or fluids generated during equipment decontamination. Any downhole equipment will be decontaminated before reuse at another location. Decontamination of drill rig equipment will include steam cleaning to remove particulates. The steam cleaning will occur in a decontamination pad so that the fluids generated by the process can be contained. Split spoon samplers will be washed with a non-phosphate detergent and rinsed with tap water.

To the extent practical, LMS will use laboratory decontaminated equipment during this project. However, if there is a need to decontaminate equipment during the field activities, the decontamination fluids will be contained. The decontamination process will include non-phosphate soap and water wash followed by a tap water rinse. Distilled water will then be used to remove the soap residue. Depending on the parameters to be sampled, additional rinsates may be used. A low pH acid will be used to decontaminate metals. Hexane will be used to decontaminate organics. If any rinsates are used, distilled water will be used to wash the rinsate. The equipment will then be allowed to air dry before re-use. Any contained decontamination fluids will be handled as described in the waste handling procedures proposed in the following section.

6. WASTE HANDLING

Any impacted (by visual, olfactory smell or other field screening observation) materials removed from the subsurface, either soil or water, will be containerized in drums provided by Con Ed. In addition, decontamination fluids will also be containerized. All containers will be labeled by date, material contained, source of the material at minimum and a contact name, organization, and telephone number. The containers will be stored in an area designated by the on-site Con Ed representative. Samples of the material contained in the drums will be collected and analyzed so that the material can be properly disposed of at a later date.

A temporary drum storage area will be constructed to contain any materials generated during the site investigation. Wastes generated at the North First Street property will be stored in a temporary waste storage area with proper secondary containment and limited access. The soil

and water will be characterized for waste disposal as described below. The drums will be labeled as investigative waste pending analysis.

The drums will be moved with a non-permitted vehicle or manually to the temporary storage area (maximum of one drum per shipment) after they have been properly secured and labeled.

The temporary storage area must accommodate at least 20 drums with appropriate aisle spacing of 2.5 feet for drum inspection. The temporary storage area will be constructed polyethylene sheeting (minimum 10-mil).

The drums must be stored on pallets to provide adequate inspection for leaks. Drums must not be stacked on top of each other and must be stored upright.

The drums must be securely closed when in storage. If the drum tips over and the contents cannot leak, the drum is considered securely closed.

Drums may be opened only to transfer material into or out of them.

The drum storage area must be inspected for leaks, spills, and drips on a daily basis.

Drums must be securely covered when in storage.

A drum log will be maintained indicating origin date, a general description of contents, any sampling of the drum contents, and daily inspections of the drum storage area.

Upon completing waste characterization, drums disposal will be arranged by Con Edison.

6.1 TYPES AND AMOUNTS OF WASTES

The following types and quantities of wastes are expected to be generated by each activity:

Activity	Location	Soil	Water
Boring locations	All locations	Less than one 5-gallon pail per location (Impacted soil only)	One or two 55-gallon drums from equipment decontamination
Sediment sampling	Truck weighing Station	No soil	10 gallons from washing the sampling tools
Well Sampling	Four existing monitoring wells	No soil	Two 55-gallon drums per well. One or two 55-gallon drums from equipment decontamination

6.2 WASTE CHARACTERIZATION ANALYSIS

Wastes generated during the investigation will be analyzed as indicated below:

Matrix	Analytical Method
SOLIDS	
TCLP-Organics (VOCs and SVOCs)	SW846
PCB	SW846
TCLP-metals	SW846
Total Petroleum Hydrocarbons	USEPA 418.1
LIQUIDS	
PCB	SW846
Flash-point	SW846
Total Organic Halogens	SW846
TCLP-Organics (VOCs and SVOCs) or EPA D018-D042 – Hazardous Waste Components List)	SW846

7. HEALTH AND SAFETY

A site-specific health and safety plan has been prepared for this site (see separate document). All personnel involved with the activities associated with this work plan will be required to read and sign the plan.

8. SCHEDULE

The activities associated with this plan are scheduled to begin on 29 November 1999. The fieldwork may extend to approximately 15 December 1999. However, the work may not be continuous throughout that time period. A draft report of the results will be provided by 21 December 1999.

QUALITY ASSURANCE PLAN

for

Environmental Site Assessments

Prepared for:

CONSOLIDATED EDISON
Company of New York Inc.
4 Irving Place
New York, NY 10004

Prepared By:

LAWLER, MATUSKY & SKELLY ENGINEERS
Environmental Science & Engineering Consultants
One Blue Hill Plaza
Pearl River, New York 10965

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QUALITY ASSURANCE PLAN

LMS maintains company policies and procedures to ensure that samples collected and any analytical analyses performed are completed with a high degree of quality. These policies and procedures ensure a high degree of confidence that the resulting data represent the matrix being sampled. QA/QC starts with the design of the sampling program and ends with the summarized analytical data submitted in the final report. This Quality Assurance Plan (QAP) describes all of these policies and procedures.

1 QUALITY ASSURANCE PLAN DESCRIPTION

The QAP is subdivided into eight sections as follows:

- ***QAP Organization and Responsibilities*** - This section identifies key personnel that are necessary for each activity during a study.

- ***Quality Assurance Plan Objectives*** - This section identifies the QA objectives set forth in this QAP. The following objectives are presented:

- QA/QC requirements
- Accuracy
- Precision
- Sensitivity
- Representativeness
- Completeness
- Comparability

- ***Field Sampling Procedures*** - This section describes LMS' sampling objectives for this project.

- ***Sample Custody*** – This section describes field and laboratory sample custody.

- ***Calibration and Maintenance Procedures*** - This section presents the calibration and maintenance procedures for field and laboratory equipment.

- ***Data Reduction, Review, and Reporting*** - Described here are the procedures that will be used to reduce, review, and report laboratory data.

- ***Data Assessment*** - Described in this section are the procedures used to assess the precision and accuracy of all environmental monitoring and measurement data.

- ***Corrective Actions*** - This section discusses the general procedures used when samples do not meet QA specifications.

2 ORGANIZATION AND RESPONSIBILITIES

To carry out an effective QAP, each individual responsible for a given component of the project must be aware of the QA objectives and procedures of his or her particular work and of the overall project. Responsibilities of project personnel follow:

2.1 Quality Assurance Officer (QAO) Responsibilities

The QAO is responsible for ongoing surveillance of project activities, for ensuring conformance to this plan, and for evaluating the effectiveness of its requirements. The QAO has access to any personnel or subcontractors, as necessary, to resolve technical problems and to take corrective action as appropriate and has the authority to recommend that work be stopped when that work appears to jeopardize quality. The QAO may periodically audit field activities and is available to respond to immediate QA/QC problems. The primary responsibilities of the QAO are to:

1. Monitor the correction of QC problems and alert task leaders where similar problems might occur.
2. Develop and maintain project QA files for sampling, monitoring, and field records.
3. Participate in QA audits.
4. Recommend changes to the project manager to improve the effectiveness of the project in attaining its QA objectives for field sampling and monitoring activities.
5. Review proposed additions and changes to this QAP.
6. Review deliverables for technical content and quality objectives.

2.2 Organization of QA/QC Tasks

Project QA will be maintained under the direction of the QAO, in accordance with this QAP. QC for the specific tasks will be the responsibility of the individuals and organizations listed below:

GENERAL RESPONSIBILITY	SCOPE OF WORK	RESPONSIBILITY OF QUALITY CONTROL
Field sampling	Supervision of environmental sampling	Project Geologist
Contract laboratory analyses	Analysis of water and soil samples by NYSDEC ASP procedures	Environmental Testing Laboratory
Data review	Review for completeness and Compliance	Dr. B.C. Williams

3 QAP OBJECTIVES

3.1 Overview

Quality data can be assured if the QA objectives set forth in this QAP are met. Data quality is measured by how well the data meet the QA/QC goals of the project. In this plan, "Quality Assurance" and "Quality Control" are defined as follows:

- ***Quality Assurance*** - The total integrated program for assuring reliability of monitoring and measurement data.
- ***Quality Control*** - The routine application of procedures for obtaining prescribed standards of performance in the monitoring and measurement process.

QA elements to be evaluated include accuracy, precision, sensitivity, representativeness, and completeness. Reporting of the data must be clear, concise and comprehensive. Other QC elements that are important to this project are blank contamination, instrument calibration, completeness of field data, sample holding times, sample preservation, and sample custody.

3.2 QA/QC Requirements

Data generated from the NYSDOH ELAP certified analytical laboratory will be used to assess environmental contamination, if present, at the Con Edison Project Sites. The QA requirements for all subcontracted analytical laboratory work performed on this project are described below. QA elements to be evaluated include accuracy, precision, sensitivity, representativeness, and completeness. The data generated by the analytical laboratory for environmental sample analyses are required to be sensitive enough to achieve detection levels low enough to meet required quantitation limits as specified in NYSDEC Analytical Services Protocol (NYSDEC ASP, 10/95). The analytical results meeting the required quantitation limits will provide data sensitive enough to

meet the DQOs of this investigation as described in the workplan. Reporting of the data must be clear, concise, and comprehensive. The QC elements that are important to this project are completeness of field data, sample custody, sample holding time, sample preservation, sample storage, instrument calibration and blank contamination.

- ***Initial Instrument Calibration*** - Calibration curves will be developed for each of the compounds to be analyzed. Standard concentrations and a blank will be used to produce the initial curves. The development of calibration curves and initial calibration response factors must be consistent with method requirements presented in the most recent version of NYSDEC ASP (10/95).

  For Target Analyte List (TAL) metals, an atomic absorption calibration curve is obtained with the use of a blank and at least three calibration standards which cover a range of concentrations appropriate for the sample, for each metal analyzed. One atomic absorption standard must be at the contract required quantitation limit (CRQL), with the exception of mercury. For ICP systems, the instrument will be calibrated according to the manufacturer's recommendations; at least two standards must be used. Results for the standards must be within ±5% of the true value and will be evaluated using NYSDEC ASP criteria.

- ***Continuing Instrument Calibration*** - The initial calibration curve will be verified by the analytical laboratory every 12 hrs by analyzing one calibration standard. The standard concentration will be the midpoint concentration of the initial calibration curve. The calibration check compound must come within 25% relative percent difference (RPD) of the average response factor obtained during initial calibration. If the RPD is greater than 25%, corrective action must be taken as provided in the specific methodology.

  TAL initial calibration curves will be verified by analyzing a standard at every wavelength used for a given analyte, at a frequency of 10% or every 2 hours during an analysis run, whichever is more frequent. The standard used for continuing calibration purposes will be at or near the mid-point concentration of the calibration curve. Deviations of the continuing calibration standards from the original curve must be within control limits and will be evaluated using NYSDEC ASP criteria.

- ***Method Blanks*** - Method blank or preparation blank is prepared from an analyte-free matrix that includes the same reagents, internal standards and surrogate standards as the related samples. It is carried through the entire sample preparation and analytical procedure. A method blank analysis will be performed once for each 12 hr period during the analysis of samples for volatiles and once for each batch or 20 samples (whichever is most frequent) for semivolatiles and metals. An acceptable method blank will contain less than five (5)

times the CRQL of methylene chloride, acetone, and 2-butanone. For all other target compounds, the method blank must contain less than or equal to the CRQL of any single target compound. For non-target peaks in the method blank, the peak area must be less than 10% of the nearest internal standard. The method blank will be used to demonstrate the level of laboratory background and reagent contamination that might result from the analytical process itself.

- ***Field Blank*** - A field blank consists of two sets of identical, laboratory-cleaned sample containers. The first set is filled at the laboratory with deionized laboratory-grade water. The water used is from the same source as that used for the laboratory method blank. In the field, this water will be passed through the field sampling equipment into an additional second set of containers that will then be taken back to the laboratory to be analyzed for the compounds of interest. The purpose of a field blank is to determine whether the field sampling equipment is cross-contaminating samples and a single field blank will be collected for each day of field activities

- ***Trip Blank*** - Trip blanks consist of a single set of sample containers filled at the laboratory with deionized, laboratory-grade water. The water used will be from the same source as that used for the laboratory method blank. The containers will be carried into the field and handled and transported in the same way as the samples collected that day. Analysis of trip blanks for volatile organic compounds (VOCs) are used to identify contamination from the air, shipping containers, or from other items coming in contact with the samples. A complete set of trip blanks will be provided with each shipment of samples to the certified laboratory.

- ***Duplicates*** - Duplicate samples are two or more samples considered representative subsamples of the same source. The samples are identically processed throughout the measurement system. A groundwater or soil field duplicate (blind duplicate) will be analyzed for the appropriate parameters. Laboratory duplicate analyses will be performed on liquid and solid matrices at a rate of one for every twenty (20) field samples. The results of the duplicate analyses will be used to assess the precision of the measurement systems.

- ***Surrogate Spike (SS) Analysis*** - Surrogate standard determinations will be performed on all samples and blanks analyzed by the analytical laboratory. All samples and blanks will be spiked with the appropriate surrogate compounds (as indicated by the methodology) before purging or extraction in order to monitor preparation and analyses of samples. Surrogate spike recoveries shall fall within the advisory limits in accordance with the NYSDEC ASP protocols for samples falling within the quantitation limits without dilution.

- ***Matrix Spike/Matrix Spike Duplicate/Matrix Spike Blank (MS/MSD/MSB) Analysis***

  MS, MSD and MSB analyses will be performed to evaluate the matrix effect of the sample upon the analytical methodology along with the precision of the instrument by measuring recoveries. The MS/MSD/MSB samples will be analyzed for those organic at a rate of one for approximately every 20 field samples of a similar matrix. The RPD will be calculated from the difference between the MS and MSD recoveries.

  Matrix spike blank analysis will be performed to indicate the appropriateness of the spiking solution(s) used for the MS/MSD.

- ***Spike and Duplicate Analyses***. Spike and duplicate analyses will be performed to evaluate the matrix effeet of the sample upon the analytical methodology along with the precision of the instrument by measuring recoveries. The spike and duplicate samples will be analyzed for TAL metals plus cyanide at a rate of one for approximately every 20 field samples.

3.2.1 **Accuracy**

Accuracy is defined (SW846, 3rd ed.) as "the nearness of a real or the mean (x) of a set of results to the true value. Accuracy is assessed by means of reference samples and percent recoveries." Accuracy includes both precision and recovery and is expressed as percent recovery (%REC). The matrix spike sample is used to determine %REC. The laboratory calculates %REC from the results of the MS samples. These results are used to assess the effect of matrix interference on the laboratory's ability to detect environmental contaminants. The MS %REC is calculated by the following equation:

$$\%\ REC = \frac{SSR - SR}{SA} x\ 100$$

where:

SSR = Spike sample results
SR = Sample results
SA = Spike added from spiking mix

3.2.2 **Precision**

Precision is defined (SW846, 3rd ed.) as "the measurement of agreement of a set of replicate results among themselves without assumption of any prior information as to the true result.
Precision is assessed by means of duplicate/replicate sample analyses."

Analytical precision is expressed in terms of RPD. The RPD is calculated using the following formula:

$$RPD = \frac{D_1 - D_2}{(D_1 + D_2)/2} \times 100$$

where:

RPD = Relative percent difference
D_1 = First sample value
D_2 = Second sample value (duplicate)

3.2.3 **Sensitivity**

The sensitivity objectives for this plan require that data generated by the analytical laboratory achieve quantitation levels low enough to meet the required detection limits specified by NYSDEC ASP (Table 1).

3.2.4 **Representativeness**

Representativeness is a measure of the relationship of an individual sample taken from a particular site to the remainder of that site, and the relationship of a small aliquot of the sample (i.e., the one used in the actual analysis) to the sample remaining on site. The use of standardized techniques and statistical sampling methods influences the representativeness of an aliquot of sample to the sample at the site.

3.2.5 **Completeness**

Completeness is a measure of the quantity of data obtained from a measurement system as compared to the amount of data expected from the measurement system. Completeness is defined as the percentage of all results that are not affected by failing QC qualifiers, and should be between 70 and 100% of all analyses performed. The objective of completeness in laboratory reporting is to provide a thorough data support package. The laboratory data package provides documentation of sample analysis and results in the form of summaries, QC data, and raw analytical data. The laboratory will be required to submit data packages that follow NYSDEC ASP reporting format that, at a minimum, will include the following components:

1. All sample chain-of-custody forms.
2. The case narrative(s) presenting a discussion of any problems and/or procedural

TABLE 1
(1 of 2)

QUANTITATION LIMITS
Con Edison Phase II Investigations

PARAMETER	CRQL SOIL/ SOLIDS mg/kg	CRQL WATER µg/l
VOCs	refer to ASP[1] page C-40	refer to ASP[1] page C-40
SVOCs	refer to ASP[1] page C-42	refer to ASP[1] page C-42
Pesticides	refer to ASP[1] page C-12	refer to ASP[1] page C-12
Herbicides	refer to ASP[1] page C-36	refer to ASP[1] page C-36
PCBs	refer to ASP[1] page C-12	refer to ASP[1] page C-12
TAL METALS	See Table 1 (2of 2)	refer to ASP[1] page C-15
CN^-	CLP[2] NA	CLP[2] 10

1 - See NYSDEC ASP, Volume 1, October 1995 update.
2 - As free cyanide - the sum of HCN and CN as CN.

NA - Not available.

TABLE 1
(2 of 2)

QUANTITATION LIMITS
Con Edison Phase II Investigations

PARAMETER	CRQL*
TAL METALS (mg/kg)	
Aluminum	20
Antimony	6
Arsenic	1
Barium	20
Beryllium	0.5
Cadmium	0.5
Calcium	500
Chromium	1
Cobalt	5
Copper	2.5
Iron	10
Lead	0.3
Magnesium	500
Manganese	1.5
Mercury	0.01
Nickel	4
Potassium	500
Selenium	0.5
Silver	1
Sodium	500
Thallium	1
Vandandium	5
Zinc	2

* - CRQLs are based on the NYSDEC ASP CRQLs for water samples based on standard digestion conditions.
ICP: 1.00 g into 100 ml
Hg: 0.20 g into 100 ml

changes required during analyses. Also presented in the case narrative are sample summary forms.

3. Documentation demonstrating the laboratory's ability to attain the contract specified detection limits for all target analytes in all required matrices.

4. Tabulated target compound results and tentatively identified compounds.

5. Surrogate spike analysis results (organics).

6. Matrix spike/matrix spike duplicate/matrix spike blank results.

7. Spike and duplicate results.

8. QC check sample and standard recovery results.

9. Blank results (field, trip, and method).

10. Internal standard area and RT summary.

3.2.6 **Comparability**

Comparability is the degree to which analytical data generated from an individual laboratory can be compared with those from another laboratory in terms of use of standardized industry methods and equivalent instrumentation and techniques. No split samples are expected to be taken for this project.

4 FIELD SAMPLING PROCEDURES

The specific procedures for the different field sampling protocols to be used are provided in the site-specific field sampling plan. All field teams will be required to adhere strictly to the procedures provided in the work plans. Prior to field activities, all site personnel will be trained in health and safety techniques and site-specific operations in order to conform with the site specific project Health and Safety Plan (HASP).

The objective for all sampling is to obtain samples that are characteristic of the site and the medium being sampled (e.g., soil, water and sediments). Established sampling protocols are used to:

1 Prevent cross contamination between sampling points.

2 Obtain a fresh sample.

3 Obtain a sample representative of the medium sampled.

4 Ensure, by appropriate and timely preservation of the sample, that the analytical results are reliable.

5 Document the sampling point in space and time.

5 SAMPLE CUSTODY

The handling of samples in the field and in the laboratory will conform to sample custody procedures presented in this section. Field custody procedures involve proper sample identification, chain-of-custody forms, and packaging and shipping procedures. Laboratory custody begins with the receipt of samples at the laboratory and continues through sample storage, analysis, data reporting, and data archiving. This section provides the procedures that will be followed during the course of the project to ensure proper sample custody.

5.1 Field Custody Procedures

The following elements are important for maintaining the field custody of samples:

1. Sample identification
2. Sample labels
3. Custody records
4. Shipping records
5. Packaging procedures

Sample labels are attached to all sampling bottles before field activities begin and each label will contain an identifying number. A numbering system is used to prevent duplicate identification. Each number has a suffix that identifies the site from which the sample was taken. Approximate sampling locations are marked on a map with a description of the sample location. The number, type of sample, and sample identification are entered into the field logbook.

A chain-of-custody (COC) form is initiated at the laboratory and accompanies the sample bottles from the laboratory into the field. Upon receipt of the bottles and cooler, the sampler signs and dates the first "Received" blank space. After each sample is collected and appropriately identified, entries are made on the chain-of-custody form that will include:

- Site name and address
- Samplers' names and signatures
- Names and signatures of persons involved in chain of possession

- Sample number
- Number of containers
- Sampling station identification
- Date and time of collection
- Type of sample and the analyses requested
- Preservatives used (if any)
- Pertinent field data (pH, temperature, turbidity, etc.)

After sampling has been completed, the sampler will return the samples to the laboratory. The sampler will sign and date the next "Relinquished" blank space. One copy of the custody form will remain in the field and the remaining copies will accompany the samples to the laboratory. All samples will be received by the laboratory within 48-hrs of collection. Samples will be received by laboratory personnel, who will assume custody of the samples and sign and date the next "Received" blank.

5.2 Laboratory Custody Procedures

Upon receipt by the analytical laboratory, samples will proceed through an orderly processing sequence specifically designed to ensure continuous integrity of both the sample and its documentation.

All samples will be received by the laboratory's sample control group and will be carefully checked for label identification and complete and accurate chain-of-custody records. The sample will be tracked from storage through the laboratory system until the analytical process is completed and the sample is returned to the custody of the sample control group for disposal. Generally, access to NYSDOH ELAP certified laboratories are restricted to prevent unauthorized contact with samples, extracts, or documentation.

6 CALIBRATION AND MAINTENANCE PROCEDURES

6.1 Field Equipment

The calibration of each instrument is checked prior to each day's use. Date and time of the calibration check, serial and model number, and signature of the calibrating technician are entered into the field logbook. If the instrument readings are incorrect, the instrument is either recalibrated by the technician or returned to the LMS warehouse. At the warehouse the technical equipment

coordinator will calibrate and/or repair the instrument as necessary. For major overhauls the instruments are returned to the manufacturer.

Preventive maintenance of field equipment is performed routinely before each sampling event; more extensive maintenance is performed based on hours of use. The LMS Equipment Coordinator under the supervision of the Laboratory Director has overall responsibility for the preventive maintenance program.

6.2 **Laboratory Equipment**

The calibration procedures for the analytical equipment used by the off-site analytical laboratory will follow instrument manufacturer's recommendations and guidelines established for NYSDEC ASP (October 1995). The maintenance procedures for the analytical equipment used by the subcontracted laboratory will follow manufacturer's instructions.

7 ANALYTICAL PROCEEDURES

Analytical procedures for each of the Con Edison Sites are described in detail in the site-specific field sampling plans. All analytical procedures are in accordance with NYSDEC ASP (10/95). A summary of anticipated analytical methods and protocol are presented in Table 2. The required holding times and preservation methods for each analytical fraction are provided in Table 3. The type and frequency of quality control samples for each type of matrix sampled is discussed in Section 3.1.

8 DATA REDUCTION, REVIEW AND REPORTING

The process of data reduction, review, and reporting ensures that assessments or conclusions based on the final data accurately reflect actual site conditions. This plan presents the specific procedures, methods, and format that will be employed for data reduction, review, and reporting of each measurement parameter determined in the laboratory and field. Also described in this section is the process by which all data, reports, and work plans are proofed and checked for technical and numerical errors prior to final submission.

8.1 **Data Reduction**

Data reduction is the process by which raw analytical data generated from the laboratory instrument systems are converted into usable mass concentrations. The raw data, which may take the form of area counts, instrument responses, or observations, are processed by the laboratory and converted into concentrations expressed in μg/kg (ppb) for soil samples and ug/l (ppb) for water samples.

TABLE 2

ANALYTICAL SUMMARY TABLE

Con Edison Phase II Investigations

MATRIX	ANALYSIS	PROTOCOL ASP	METHOD
Solids and Water	VOCs		8260
	SVOCs		8270
	Pesticides		8081
	PCBs		8082
	TAL Metals		6000/7000
	CN-1		335.2

TABLE 3

CONTAINERS, PRESERVATIVES, AND HOLDING TIMES
NYSDEC ASP, 10/95 REVISION
Con Edison Phase II Investigations

PARAMETER	CONTAINER	PRESERVATIVE	MAXIMUM HOLDING TIME
VOCs	Glass, teflon lined septa	4° C[1]	7 days
SVOCs	Glass, teflon lined septa	4° C	5 days after VTSR* until extraction; 40 days for analysis
Pest/PCBs	Glass, teflon lined septa	4° C	5 days after VTSR* until extraction; 40 days for analysis
TAL Metals (except mercury)	Plastic, glass	HNO_3 to pH<2	6 months
Mercury	Plastic, glass	HNO_3 to pH<2	26 days
Total Cyanide	Plastic, glass	4° C, NaOH to pH > 12	12 days

* - Verified time of sample receipt.
- HCL will not be used to preserve water samples for VOCs.

Data reduction also includes the process by which raw field data are summarized in tables and graphs, from which quantitative or qualitative assessments can be derived by further integration and evaluation.

Field data obtained during sampling are summarized on appropriate field forms. This information is used to assess field conditions at the time of sampling and is summarized and analyzed along with the chemistry data in the final report. Occasionally, the reduction of actual field data requires correcting measurement data for the measurement system's baseline value. The data will be adjusted only after the raw data has been submitted to LMS' QAO and prior to preparation of the final report.

8.2 Review

LMS' QAO will review the data prior to use in the reports. The QAO will evaluate the analytical laboratory's ability to meet the DQOs.

8.2.*1* ***Field Data.*** Data collected and/or reduced in the field will be reviewed initially for correctness of format, calculation, and completeness by the crew chief. The criteria used to review field data will include the following:

- Checking to see that inventory and station numbers are correct
- Checking to see that specified sampling and preservation methods were followed
- Verifying that sufficient sample volume is collected to conduct requested analyses
- Noting any anomalies or unusual circumstances in data sampling and collection
- Verifying that calibration procedures were followed
- Verifying that data are reported in correct units
- Checking 100% of all field calculations
- Verifying that samples were properly shipped with the appropriate chain-of-custody documentation
- Verifying that QC samples were prepared and taken

Further review of such data will be performed by the LMS crew chief prior to data integration and evaluation. All assigned data reduction or analytical procedures will be verified for accuracy and content by at least two professionals qualified and experienced in evaluating the particular technical specialty.

8.2.2 ***Analytical Laboratory Report Review.*** The QAO or designee, under the QAO's supervision, will review each analytical data package for completeness (i.e., have all the analyses requested been performed) and general protocol compliance. If information is found to be missing from the data package the analytical laboratory will be contacted and requested to submit any lacking information.

8.3 Reporting

8.3.1 ***Field Data Reporting.*** All field measurements and observations will be recorded in project logbooks or field data records. All data will be recorded directly and legibly into field logbooks, with all entries signed and dated. If entries are changed, the change will not obscure the original entry. The reason for the change will be stated, and the correction and explanation will be signed and dated at the time the correction is made. Field data records will be organized into standard formats whenever possible, and retained in permanent files.

8.3.2 ***Laboratory Data Reporting.*** All sample data packages submitted by the analytical laboratory will be required to be reported in conformance to the NYSDEC ASP (10/95) Category B data deliverable requirements. The analytical laboratory test reports for all samples submitted will contain the following information:

1. Date of sampling
2. Description of samples
3. Description of analytical method
4. Analytical results of all samples plus field and method blanks
5. Results of duplicate and spike analyses
6. Method detection limits and precision and accuracy statements for parameters analyzed

9 INTERNAL QUALITY CONTROL

9.1 Overview

QC checks will be performed to ensure the collection of representative and valid data. Internal QC refers to all data compilation and contaminant measurements. QC checks will be used to monitor project activities to determine whether QA objectives are being met. All specific internal QC checks to be used are identified in this section.

9.2 **Field Quality Control**

On each day of field sampling, approximately 5% of field measurements will be checked by duplicate measurement. The crew chief will spot-check sampling procedures and containers to check against possible contamination. The crew chief will double-check that all sample containers are properly sealed and labeled and that all field forms, including the chain-of-custody forms, are properly completed, dated, and signed.

After fieldwork is completed, a comparison of field and trip blank data will be used to check on the quality of the fieldwork. Also, the results of duplicate and spiked samples will be used to check on the accuracy of sampling techniques. If the QAO and crew chief find that corrective action is needed, such action will be implemented immediately. If the analysis of field and trip blanks indicates extensive contamination, resampling may be necessary.

9.3 **Analytical Laboratory Quality Control**

The analytical laboratory is required to exercise internal control in a manner consistent with the requirements of this plan. Control checks and internal QC audits are required by the NYSDEC ASP methods. These include reference material analysis, blank analysis, MS/MSD, spike and duplicate analysis, cleanups, instrument adjustments and calibrations, standards, and internal audits.

The laboratory will perform the QC checks with the following frequency:

- Reagent and method blanks will be analyzed at a rate of one per batch.
- One MS, one MSD and one MSB will be analyzed per 20 samples for organics.
- One Spike and Duplicate will be analyzed per 20 samples for inorganics.
- Performance evaluation samples will be analyzed at a rate of once per calendar quarter.

10 OFFICE QUALITY CONTROL

10.1 **Technical Checks**

One qualified professional will proof and check all final reports for technical errors and/or inconsistencies. Twenty percent of all final reports will be subsequently checked again by a qualified professional. Checks will be made of all references and protocols cited to ensure they are correct. Procedural descriptions will be reviewed to ensure they are accurate with referenced protocol.

10.2 Numerical Checks

One qualified professional will proof and check all final reports for transcription and/or calculation errors. Twenty percent of all final reports will be subsequently checked again by a qualified professional. All data will be checked to ensure no transcription errors have occurred. Data tables will also be checked to see that any criteria cited for comparison purposes is appropriate and correctly referenced. All calculations will be checked to ensure that they will be properly presented and that resulting values are achievable. If any results cannot be duplicated the calculations will be independently checked for accuracy.

11 PERFORMANCE AND SYSTEMS AUDITS

Performance audits, when performed, will be used to monitor project activities to assure compliance with project DQOs. The following text summarizes the field audits that are conducted periodically.

11.1 Field Audits

Internal audits of field activities are periodically conducted by LMS. Where subcontractors are used for field activities, LMS will assume overall responsibility for the field procedures used. All field activities will be routinely monitored by the LMS on-site crew chief to ensure that work is done correctly. Field audits will be periodically conducted by LMS' QAO to ensure that appropriate procedures are being utilized by all crews. All sampling and analyses work will be reviewed routinely by the crew chief in charge of the particular task. All data sheets obtained in the field will be initialed and dated by crew chief after review and acceptance of the services performed.

Any field audit performed will include monitoring and evaluation of sample collection, sample holding times, preservation techniques, field QC, and equipment calibration. These audit forms will be kept on file with LMS' QAO for one year after completion of the project, then will be transferred to storage and held for an additional five years.

11.2 Analytical Laboratory Audit

Laboratory audits are not required for the project. The analytical laboratory must maintain complete NYSDOH ELAP certification throughout the project. If required, a performance and system audit will be conducted by LMS on the subcontracted laboratory. The audit will assess the laboratory capacity and capability with respect to the objectives of this project. The results and

conclusions of the laboratory audit will be kept on file with LMS' QAO for one year after project completion, then will be transferred to storage and held for an additional 5 years.

12 CORRECTIVE ACTION

12.1 Field Corrective Action

In the event a field audit is conducted by LMS' QAO, instances of nonconformance will be identified and reported to the LMS project manager, who will initiate corrective actions, if necessary. These actions can range from altering solvent washes used in decontamination to changing the sampling strategy to obtain representative samples. The project QAO and the project manager will have the ability to stop all work if audit results warrant such action.

12.2 Analytical Laboratory Corrective Action

Corrective actions will be implemented if unsatisfactory performance and/or system audit results indicate that problems exist. Corrective action may also be implemented if the results of a data assessment or internal QC check warrants such action.

Instances of nonconformance identified in internal audits or by data assessments will be addressed by taking corrective action. Such action(s) will be initiated by the analytical laboratory QA manager who is responsible for assessing the action for its appropriateness and completeness. The QA manager will also be responsible for filing a noncompliance report to laboratory management. QC charts will be used to monitor day-to-day variations in precision and accuracy.

Short-term corrective actions will be initiated as a result of malfunctioning equipment or improper use of analytical methodologies. Long-term actions will be initiated through the laboratory QAO who assigns personnel to investigate the problem. A series of evaluations will then follow to assure the action is appropriate and the results complete.

13 REPORTS TO MANAGEMENT

13.1 Overview

An important aspect of the QA/QC program is the communication between the QA department and upper management. Regular appraisal by management of the quality aspects related to data gathering efforts will provide the mechanism whereby the established objectives will be met.

Reports to management will include:

- Periodic assessment of measurement data accuracy, precision, and completeness
- Results of performance audits
- Results of system audits
- Significant QA/QC problems and recommended solution
- Resolutions of previously stated problems

13.2 **Field Activities**

LMS will be responsible for documenting the results of all field audits. Audit results will be documented in the logbook for field audits. Status reports will be periodically submitted to describe the progress of the project. These will include compiled field data sheets, schedule corrective action documentation at appropriate intervals, and progress of the actions.

13.3 **Analytical Laboratory**

Laboratory noncompliance reports will be filed with the laboratory project manager. These reports will include a summary of accuracy and precision data, quality problems, and the status of any corrective actions implemented.

Meetings will be held between the laboratory management and the laboratory QA personnel to alert the appropriate staff of problems needing corrective action. The laboratory will submit a case narrative with each set of sample analyses. The narrative will describe any QA/QC problems encountered during sample analysis and any corrective actions taken by the laboratory.

LAWLER, MATUSKY & SKELLY ENGINEERS LLP

SITE-SPECIFIC

HEALTH AND SAFETY PLAN FORM

Site Name: Con Edison's North First Street Site **HASP Preparer:** Karen A. Wright

Address: 214 Kent Avenue **City/State:** Brooklyn, New York

Job No.: 115-193

APPROVALS

Project Manager: _____
Safety Officer: _____

PROJECT PERSONNEL: (See Table 1)

Project Manager: Ed Schwetz
On-Site Coordinator (OSC): John Nixon
On-Site Health and
Safety Officer (HSO): John Nixon
Phone: (914) 735-8300
Pager: (914) 972-9313
Cell Phone (if available):

John Nixon has over 2 years of experience in the hazardous waste investigation field, including the collection of all types of environmental samples, oversight of drilling operations, and overseeing health and safety operations.

LMS will be conducting the drilling operations. The drill rig will be grounded before drilling is initiated.

EMERGENCY SERVICES (complete here or have separate list available on-site):

Emergency Medical Facility (include map or written description of route to hospital):

	Location	Telephone
New York Methodist Hospital	894 Manhattan Avenue Brooklyn, NY	(718) 383-3377

See Figure 1 for route to Hospital. From site go southeast on Metropolitan Avenue to Kent Avenue and turn left. Go for 0.6 miles where Kent Avenue becomes Franklin Street. Continue on Franklin Street for 0.4 miles and turn right onto Greenpoint Avenue. Go 0.2 miles and turn right onto Manhattan Avenue. Hospital is located at corner of Greenpoint Avenue and Manhattan Avenue.

Ambulance Service:	911
Fire Department:	911
Police Department:	911
Rescue Service:	911
Poison Control Center:	(212) 764-7667

TABLE 1
PERSONNEL RESPONSIBILITIES AND TRAINING
Con Edison North First Street Site

Name	Title	Responsibilities	Training and Medical Surveillance	Date of Certification	Exp. Date of Certification
Ed Schwetz	Project Manager	Primary contact with Con Edison	40-hr OSHA HAZWOPER Training	03/27/1989	NA
			8-hr OSHA Supervisor Training	03/28/1989	NA
			8-hr OSHA Refresher	11/06/1999	11/06/2000
			Standard First Aid/CPR	05/05/1999	05/05/2002/ 05/05/2000
			Physical	06/22/1999	NA
			Fit Test	11/07/1999	11/07/2000
John Nixon	On-site Coordinator and Health and Safety Officer	Health and safety, oversight of LMS personnel and subcontractor personnel	40-hr OSHA HAZWOPER Training		NA
			8-hr OSHA Supervisor Training	11/ /97	NA
			8-hr OSHA Refresher	11/06/1999	11/06/2000
			Standard First Aid/CPR	04/1998 05/1999	04/2001 05/2000
			Physical		NA
			Fit Test		

Base source:
USGS Manhattan Quadrangle Map,
Central Park, NYC, photorevised 1979.

LSG Lasaki, Sternberg & Seely Engineers LLP
Consulting Engineers, New York, New York
Environmental Assessment & Remediation Consultants

Route to Hospital

Figure 1

DATE OF HEALTH AND SAFETY PLAN PREPARATION: November 12, 1999 (revised November 23, 1999)

TASK DESCRIPTION:

The objective of the project is to determine the presence/absence and if present evaluate the extent of contamination in the subsurface soil, sediment, and groundwater.

1) Installation of borings and collection of subsurface soil samples; analysis of soil samples for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, metals, and cyanide.
2) Collection of groundwater samples; analysis of groundwater samples for VOCs, SVOCs, pesticides/PCBs, metals, and cyanide.
3) Collection of sediment samples and analysis of the sediment samples for VOCs, SVOCs, pesticides/PCBs, metals, and cyanide.

PROJECT SCHEDULE:

The field work is scheduled to start on November 29, 1999 and be completed by December 15, 1999 with the draft report submitted by December 21, 1999.

HAZARDOUS/SUBSTANCES (known or suspected, contaminated media or in storage container, etc.):

PCBs in soil and potentially in sediment and groundwater. Other substances that may be encountered include ethylene glycol, sulfuric acid, asbestos, lead-based paint, mycelium, and other petroleum products.

HAZARD ASSESSMENT (toxic effects, including TLVs, IDLHs, reactivity, stability, flammability, and operational hazards with sampling, decontaminating, etc):

Chemical hazards may be encountered as part of this investigation. Table 2 provides information on specific chemical compounds that may be encountered during the field investigation. Air monitoring will be performed utilizing an HNU photo-ionization detector (PID) or equivalent and combustible gas indicator (CGI) to monitor for the presence or absence of atmospheric organic chemical compounds. Slip/trip hazards are always a possibility in any type of fieldwork and will be evaluated and removed if deemed necessary. Overhead/subsurface hazards may exist which would impact drilling of soil borings and monitoring wells. All utilities must be marked out in detail prior to the commencement of any drilling activities. Noise associated with use of the drilling equipment may be excessive (above 85 dB), therefore, ear plugs or ear muffs will be used as a precaution. Since the work is scheduled to be done in late fall, cold stress may be a hazard. Workers will wear appropriate clothing such as gloves and hard hat liners as protection against the cold. Each person will monitor their buddy for symptoms of hypothermia, i.e., shivering, vague or slurred speech, memory lapses, immobile or fumbling hands, lurching or a stumbling gait, drowsiness, or the inability to get up after a rest. Treatment includes getting the person out of the cold quickly, give warm liquids, dry clothes, and a blanket. Each person will also monitor their buddy for signs of frostbite, i.e., yellow or whitish skin. The easiest treatment for frostbite is to place the bare hand over the frostbitten part and to keep the part covered subsequently. The area should never be rubbed. The potential presence of mycelium presents a potential biological hazard. Table 3 provides a list of tasks, summarizes the hazards associated with the tasks, and provides the personal protective equipment (PPE) that will be employed. Also provided on the table is the action levels for the HNU and CGI that will be used to upgrade the level of protection.

SITE WORK ZONES (designate exclusion zone, contamination reduction zone and support zone):

See Figure 2. The exclusion zone is defined as the area where the actual work or samples will be collected. It is also the area where contact with contaminated material may occur. For this project it is defined as a 20-ft radius around each sample point. The contamination reduction zone (decontamination area) is the area where personal and equipment decontamination will take place. The support zone is located in a clean area of the site.

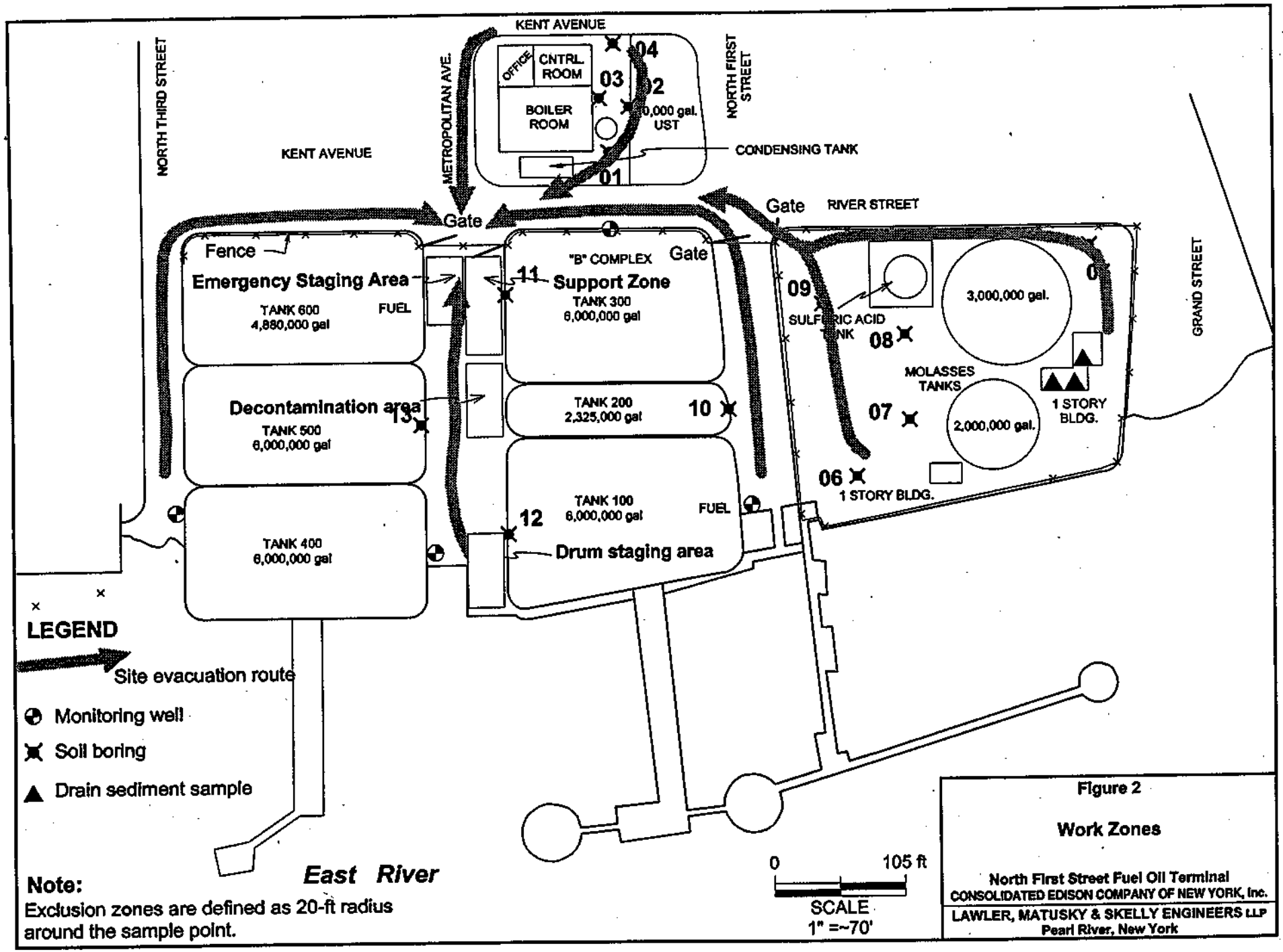
KENT AVENUE
NORTH THIRD STREET
METROPOLITAN AVE.
NORTH FIRST STREET
OFFICE
CNTRL. ROOM
BOILER ROOM
04
03
02
0,000 gal. UST
CONDENSING TANK
01
KENT AVENUE
Gate
RIVER STREET
Gate
Fence
Emergency Staging Area
TANK 600
4,880,000 gal
FUEL
"B" COMPLEX
Gate
11
Support Zone
TANK 300
6,000,000 gal
09
SULFURIC ACID TANK
3,000,000 gal.
0
08
MOLASSES TANKS
GRAND STREET
Decontamination area
TANK 500
6,000,000 gal
13
TANK 200
2,325,000 gal
10
07
2,000,000 gal.
1 STORY BLDG.
06
1 STORY BLDG.
TANK 100
6,000,000 gal
FUEL
12
TANK 400
6,000,000 gal
Drum staging area
LEGEND
Site evacuation route
Monitoring well
Soil boring
Drain sediment sample
East River
0
105 ft
SCALE
1" =~70'
Note:
Exclusion zones are defined as 20-ft radius around the sample point.
Figure 2
Work Zones
North First Street Fuel Oil Terminal
CONSOLIDATED EDISON COMPANY OF NEW YORK, Inc.
LAWLER, MATUSKY & SKELLY ENGINEERS LLP
Pearl River, New York

TABLE 2

CHARACTERISTICS OF CHEMICALS FOUND ON THE SITE
NORTH FIRST STREET SITE

COMPOUND	SYNONYMS	ACGIH TLV	NIOSH REL	OSHA PEL	NIOSH IDLH	LEL (% at °F)	UEL (%)	FLASH POINT (°F)	AUTOIG. TEMP (°F)	VP (mm at °F)	VD	IP (eV)	SOLU. (%)	ODOR THRESH. (ppm)	RESP. PROT.	TOXIC EFFECTS
Asbestos	Chrysotile; Amosite; Crocidolite; Tremolite; Anthophyllite; Actinolite NOTE: ACGIH TLV- Amosite (0.5 fibers/cc A1) Chrysotile (2 fibers/cc A1) Crocidolite (0.2 fibers/cc A1) Other forms (2 fibers/cc	0.1 fiber/cc, A1	Ca	0.1 fiber/cc	Ca	NA	NA	NA	NA	0	-	NA	insol	-	yes	Asbestosis (chronic exposure); dysp, intersital fib; restricted pulm function; finger clubbing; irrit eyes; [carc]
Chlorodiphenyl (42% chlorine)	Aroclor 1242; PCB; Polychlorinated biphenyl	1 mg/m3 skin	Ca 0.001 mg/m3	1 mg/m3 skin	Ca 5 mg/m3	NA	NA	NA	NA	0.001	-	?	insol		yes	Irrit eyes; chloracne; liver damage; repro
Chlorodiphenyl (54% chlorine)	Aroclor 1254; PCB; Polychlorinated biphenyl	0.5 mg/m3 skin A3	Ca 0.001 mg/m3	0.5 mg/m3 skin	Ca 5 mg/m3	NA	NA	NA	NA	0.000 06	-	?	insol		yes	Irrit eyes; chloracne; liver damage; repro
Ethylene glycol	1,2-Dihydroxyethane; 1,2-Ethanediol; Glycol; Glycol alcohol;	C 100 mg/m3 A4	-	-	-	3.2	15.3	232	748	0.06	-	?	misc		-	Irrit eyes, skin, nose, throat; nau, vomit, abdom pain, weak; dizz, stupor, convuls, CNS depres; skin sens
Lead	Lead metal, Plumbum	0.05 mg/m3 A3, BEI	0.1 mg/m3	0.050 mg/m3	100 mg/m3	NA	NA	NA	NA	NA	0	-	NA	insol	yes	Weak, lass; insom; facial pallor; pal eye, anor, low-wgt; malnut; constip, abdom pain, colic; anemia; gingival lead line; tremor; para wrist, ankles; encephalopathy; kidney disease; irrit eyes; hypotension

TABLE 2

CHARACTERISTICS OF CHEMICALS FOUND ON THE SITE
NORTH FIRST STREET SITE

COMPOUND	SYNONYMS	ACGIH TLV	NIOSH REL	OSHA PEL	NIOSH IDLH	LEL (% at °F)	UEL (%)	FLASH POINT (°F)	AUTOIG. TEMP (°F)	VP (mm at °F)	VD	IP (eV)	SOLU. (%)	ODOR THRESH. (ppm)	RESP. PROT.	TOXIC EFFECTS
Sulfuric Acid	Battery acid; hydrogen sulfate; Oil of vitriol; sulfuric acid (aqueous)	1 mg/m3 A2	1 mg/m3	1 mg/m3	15 mg/m3	NA	NA	NA	-	0.001	-	-	misc	-	yes	Irrit eyes, skin, nose, throat; pulm edema, bron; emphy; conj; stomatis; dental erosion; trachbronc; eye, skin burns; derm

TABLE 2

CHARACTERISTICS OF CHEMICALS FOUND ON THE SITE

North First Street Site

Abbreviation	Explanation
( )	Notice of intended change
-	Unknown
[carc]	Potential occupational carcinogen
A1	Confirmed human carcinogen
A2	Suspected human carcinogen
A3	Animal carcinogen
A4	Not classifiable as human carcinogen
A5	not suspected as human carcinogen
abdom	Abdominal
abnor	Abnormal/Abnormalities
ACGIHTLV	American Conferecne of Governmental Industrial Hygienists Threshold Limit Value
album	Albuminuria
anes	Anesthesia
anor	Anorexia
anos	Anosmia (loss of the sense of smell)
appre	Apprehension
arry	Arrythmias
Asphy	Asphyxia
aspir	Aspiration
BEI	Biological Exposure Index
BP	Blood pressure
breath	Breathing
bron	Bronchitis
broncopneu	Bronchopneumonia
bronspas	Bronchospasm
BUN	Blood urea nitrogen
C	Ceiling limit
Ca	Potential carcinogen
card	Cardiac
chol	Cholinesterase
cirr	Cirrhosis
CNS	Central nervous system
conc	Concentration
conf	Confusion
conj	Conjunctivitis
constip	Constipation
convuls	Convulsions
corn	Corneal
CVS	Cardiovascular system
cyan	Cyanosis
decr	Decreased
depres	Depressant/Depression
derm	Dermatitis
diarr	Diarrhea
dist	Disturbance
dizz	Dizziness
drow	Drowsiness
dysfunc	Dysfunction
dysp	Dyspnea (breathing difficulty)
emphy	Emphysema
eosin	Eosinophilia
epilep	Epileptiform
epis	Epistaxis (nosebleed)
equi	Equilibrium
eryt	Erythema (skin redness)
euph	Euphoria
fail	Failure
fasc	Fasiculation
FEV	Forced expiratory volume
fib	Fibrosis
fibr	Fibrillation
ftg	Fatigue
func	Function
GI	Gastrointestinal
gidd	Giddiness
halu	Hallucinations
head	Headache
hema	Hematuria (blood in urine)
hemato	Hematopoietic
hemog	Hemoglobinuria
hemorr	Hemorrhage
hyperpig	Hyperpigmentation
hypox	Hypoxemia (reduced oxygen in the blood)
inco	Incoordination
incr	Increase(d)
inebro	Inebriation
inflamm	Inflammation
inj	Injury
insom	insomnia

TABLE 2

CHARACTERISTICS OF CHEMICALS FOUND ON THE SITE

North First Street Site

Abbreviation	Explanation
irreg	Irregular/Irregularities
irrit	Irritation
irrity	Irritability
jaun	Jaundice
kera	Keratitis (inflammation of the cornea)
lac	Lacrimation (discharge of tears)
lass	Lassitude (weakness, exhaustion)
LEL	Lower Exposure Limit
leth	Lethargy (drowsiness or indifference)
leucyt	Leukocytosis (increased blood leukocytes)
leupen	Leukopenia (reduced blood leukocytes)
li-head	Lightheadedness
liq	Liquid
local	Localized
low-wgt	Weight loss
mal	Malaise (vague feeling of discomfort)
malnut	Malnutrition
methemo	Methemoglobinemia
misc	Miscible
mod	Moderate
molt	Molten
monocy	Monocytosis (increased blood monocutes)
mppcf	Million particles per cubic foot
muc memb	Mucous membrane
musc	Muscle
N.D.	Not yet determined
narco	Narcosis
nau	Nausea
nec	Necrosis
neph	Nephritis
ner	Nervousness
NIOSHIDLH	National Institute for Occupational Safety and Health Immediately Dangerous to Life or Health Concentrations
NIOSHREL	National Institute for Occupational Safety and Health Recommended Exposure Limit
numb	Numbness
opac	Opacity
OSHAPEL	Occupational Safety and Health Administration Permissable Exposure Limit
palp	Palpitations
para	Paralysis
pares	Paresthesia
perf	Perforation
peri neur	Peripheal neuropathy
periorb	Periorbital (siutated around the eye)
phar	Pharyngeal
photo	Photophobia (abnormal visual intolerance to light)
pneu	Pneumonia
pneuitis	Pneumonitis
PNS	Peripheral nervous system
polyneur	Polyneuropathy
prot	Proteinuria
pulm	Pulmonary
RBC	Red blood cell
repro	Reproductive
resp	Respiratory
resp	Respiratory
restless	Restlessness
retster	Retrosternal (occurig behind the sternum)
rhin	Rhinorrhea (discharge of thin nasal musus)
salv	Salivation
sens	Sensitization
sez	Seizure
short	Shortness
sneez	Sneezing
sol	Solid
soln	Solution
som	Somnolence (sleepiness, unnatural drowsiness)
ST	Short-term exposure limit
subs	Substernal (occuring beneath the sternum)
sweat	Sweating
sys	Systen
tacar	Tachycardia
tend	Tenderness

TABLE 2

CHARACTERISTICS OF CHEMICALS FOUND ON THE SITE

North First Street Site

Abbreviation	Explanation	Abbreviation	Explanation	Abbreviation	Explanation
terato	Teratogenic				
throb	Throbbing				
tight	Tightness				
trachbronc	Tracheogronchitis				
twitch	Twitching				
UEL	Upper Exposure Limit				
uncon	Unconsciousness				
unk	Unknown				
vap	Vapor				
venfib	Ventricular fibrillation				
verti	Vertigo (an illusion of movement)				
vesic	Vesiculation				
vis dist	Visual disturbance				
vomit	Vomiting				
weak	Weakness				
wheez	Wheezing				

TABLE 3 (page 1 of 2)
HAZARD ANALYSIS/HAZARD ASSESSMENT
Con Edison North First Street Site

Task	Risk	EH&S Program, Procedure or Guidance	Level of Protection	PPE/Equipment
Drilling; Sub-surface Soil Sampling	Utilities	Utility Markout/Test Pitting with Non-mechanical means	D	Hard hat while working near drill rig, steel toe and shank work hoots, upgrade to coated Tyvek suits, aprons, pants, or sleeves and nitrile gloves if contact with contaminated material is likely to occur, nitrile gloves while sampling. Ear plugs may be used when noise is excessive.
	Chemical	Air Monitoring		
	Noise (>85 dB)	Noise		
	Mechanical	Head Protection		
	Collapse	Excavation Standards		
Groundwater Sampling	Chemical	Air Monitoring	D	Steel toe and shank work boots, upgrade to coated Tyvek suits, aprons, pants, or sleeves and nitrile gloves if contact with contaminated material is likely to occur, nitrile gloves while sampling.
Sediment Sampling	Chemical	Air Monitoring	D	Steel toe and shank work boots, upgrade to coated Tyvek suits, aprons, pants, or sleeves and nitrile gloves if contact with contaminated material is likely to occur, nitrile gloves while sampling.

TABLE 3 (page 1 of 2)
HAZARD ANALYSIS/HAZARD ASSESSMENT
Con Edison North First Street Site

Note: Air Monitoring will be conducted using an HNU photo-ionization detector and combustible gas indicator. Action levels to be used are:

- CGI - if the reading on the CGI is >10% of the LEL work will stop until engineering controls, i.e., ventilation can be used to reduce the LEL.
- HNU - if the reading on the HNU is >5 units in the breathing zone for more than 5 min. upgrade to Level C respiratory protection will be used (full-face air purifying respirator fitted with combination organic vapor and HEPA cartridge.

SITE ACCESS (describe procedures to control site access):

The on-site HSO will keep a log book that will require everyone to sign in and out of the facility, on a daily basis (including all subcontractors and Consolidated Edison personnel). The HSO/OSC will meet with the Consolidated Edison representative when necessary to obtain any work permits or discuss any other project related activities.

MONITORING PROCEDURES TO BE PERFORMED: Monitoring the site for identity and concentration of contamination in all media:

The breathing zone (4-5 ft above the ground surface) will be monitored at least hourly or on a more frequent basis if changing conditions are noted using the HNU and/or CGI during designated activities (see Table 3).

Medical monitoring procedures:

All LMS employees who regularly are in the field receive an annual physical that is consistent with the requirements contained in 29CFR1910.120 (f). Any employee who may have to wear a respiratory has been medically certified to be able to wear one and has also been fit-tested. Fit-testing certificates (for those employees that may wear a respirator) and annual physical records are provided for all personnel that will be working on site.

Personnel monitoring procedures:

Not needed for this project.

DECONTAMINATION AND DISPOSAL

Decontamination Procedures (including contaminated personnel, surfaces, materials, instruments, equipment, etc.):

All sampling equipment, i.e. stainless steel spoons, etc. will be decontaminated at the LMS laboratory by washing with Alquinox detergent, rinsed with potable water, rinsed with a suitable solvent such as Hexane, rinsed with deionized water and air dried, prior to the commencement of on-site sampling activities. Drilling equipment, i.e., split-spoons, augers, will be steam cleaned between boreholes and split-spoons will be cleaned prior to re-advancement into a borehole, to prevent cross contamination. Groundwater samples will be collected using dedicated disposable bailers. Submersible pumps will be deeontaminated between monitoring well locations by running clean water through it; dedicated tubing will be used. All personnel will wash with soap and water after work is completed.

Disposal Procedures (contaminated equipment, supplies, disposables, washwater):

All decontamination water and drill cuttings (if evidence of contamination is observed) will be drummed and stored on site for subsequent disposal by Consolidated Edison. The drums will be stored at the locations shown on Figure 1. It is anticipated that the project will generate approximately 600 gallons of water and 5 yd^3 of soil that will be placed into thirteen 55-gal drums that will be provided by Consolidated Edison. Development and purge water generated from the monitoring wells will be containerized in properly labeled drums, characterized and shipped off-site. Disposable personal protective clothing will be put in bags and then stored in, properly labeled, 55 gallon drums, which will be provided by Consolidated Edison. Solid wastes will be sampled and analyzed for TCLP-benzene, PCs, TCLP-metals, and total petroleum hydrocarbons. Liquid wastes will be sampled and analyzed for PCBs, flash-point, total organic halogens, and TCLP-Organics (VOCs and SVOCs). Consolidated Edison will be responsible for disposing of all material generated by the project.

CHEMICAL PRODUCTS:

The following chemicals will be used during the course of the project. Material Safety Data Sheets (MSDS) for each of these chemicals are attached to this health and safety plan.

Chemical	Use	Quantity	NYCDEP/USEPA
Nitric Acid	Preservative	<100 ml	Yes
Sodium Hydroxide	Preservative	<100 ml	Yes
Hexane	Decon Chemical	<1 gal	Yes
Alquinox	Decon Chemical	<1 gal	No

PERMITS:

The following permits will be required to have on-site in order to conduct any work at the North First Street property: Consolidated Edison Work Permits.

EMERGENCY PROCEDURES

In event of personnel exposure (skin contact, inhalation, ingestion) the following three procedures will be implemented:

Skin Contact - Wash with soap and water.
Inhalation - Remove to fresh air, monitor for ABCs.
Ingestion - Call Poison Control Center and monitor ABCs.

In the event of personnel injury:

Check ABCs (Airway, Breathing and Circulation). Perform First Aid, CPR, or rescue breathing, if required. Call 911, if professional help is deemed necessary. At least one LMS person on-site is currently certified in American Red Cross Standard First Aid and Adult CPR.

In event of potential or actual fire or explosion:

Evacuate to Support Zone (see Figure 1 for evacuation plan). HSO will check log book to make sure that all personnel are accounted for before leaving site. Fire department to be contacted in case a fire breaks out.

In event of potential or actual ionizing radiation exposure:

Not Applicable.

In event of environmental accident (spread of contamination outside sites):

Stop spread of chemical as best as possible and contact Consolidated Edison Shift Supervisor and/or Field Representativeimmediatedly.

COMMUNICATION:

The buddy system will be employed. If there is a need to communicate between crew members walkie-talkies will be used. An air horn will be used to signal emergencies. Three long air horn blasts will signal that the site will be evacuated; the crew should stop work immediately, shut off equipment immediately and proceed to the support zone. Ten short air horn blasts will signal that there is a medical emergency. The person responsible for administering first aid will immediately report to the support zone to determine the nature of the medical emergency and take the necessary steps to care for the person. If walkie-talkies are being used, then the first aid person will respond via the walkie-talkie to determine the location and nature of the emergency, and then take the necessary steps to care for the person.

EMERGENCY EQUIPMENT:

A first aid kit that is also equipped with a CPR microshield and fire extinguisher will be available at all times during field work. The field crew will also be equipped with a cell phone and pager. In addition, absorbent pads (spill kit) will be available on-site to contain any spills that may occur.

PERSONNEL POTENTIALLY EXPOSED TO HAZARDOUS SUBSTANCES (As Applicable):

PERSONNEL POTENTIALLY EXPOSED TO HAZARDOUS SUBSTANCES (As Applicable):

Personnel authorized to enter site: See Table 1.

ALTERNATIVE WORK PRACTICES

(Describe alternative work practices or instruments not specified in this form. Indicate work practices specified in the chapter for which proposed alternative work practices will serve as substitute).

Prior to drilling all utilities will be marked out. It is not anticipated that the project will require any welding or confined space procedures. Test pits will be excavated with non-mechanical devices to clear utilities, therefore, the requirements for excavation contained in 29CFR1926.650-652 will be followed.

TASK-SPECIFIC LEVEL OF PROTECTION AND ACTION LEVELS

(see attached table 3 including specific description of protective gear and action levels to upgrade or downgrade LOP)

See Table 3.

SITE MAP

(Attach a site map. Map should be properly scaled and keyed to local landmarks).

See Figure 2.

TRAINING

(Provide description of minimum training, reference OSHA Sections).

At least two people will be onsite at all times. At a minimum one person shall have updated supervisory training as specified in 29CFR1910.120 e(4). All other personnel shall have at least the 40-hr updated training as specified in 29CFR1910.120 e(3). All personnel shall also have an up-to-date annual refresher as specified in 29CFR1910.120 e(8). If respirators are to be worn the personnel shall be trained in their use as specified in 29CFR1910.134. All of the training certificates for the above training will be available on-site, for each and every employee that will be participating in the scope of work. Table 1 provides a list of personnel and their training levels. In addition, at least one person on site will be trained in standard first aid and CPR.

AFFIDAVIT

All personnel who will be entering the exclusion zone must sign attached affidavit. LMS personnel must also read and comply with LMS' generic HASP.

AFFIDAVIT

I, _____ (name) of _____, (company name) have read the Health and Safety Plan (HASP) for the North First Street site. I agree to conduct all on site work in conformity with the requirements of the HASP. In addition, I acknowledge that failure to comply with the designated procedures in the Health and Safety Plan will lead to removal of me from the site.

Signed _____

Date _____



ALCONOFAX
Automated Product And Technical Data
S Y S T E M

ALCONOX, Inc.
9 EAST 40TH STREET, SUITE 200
NEW YORK, NY 10016
Tel: (212) 532-4040
Fax: (212) 532-4301

24 HOUR EMERGENCY NUMBER
(CHEM-TEL) (800) 255-3924

(E-MAIL) cleaning@alconox.com

(URL) http://www.alconox.com

Alconox®

Document #111

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION

Product Name (As appears on label)	**ALCONOX®**
CAS Registry Number	Not Applicable
Effective Date	January 1, 1998
Chemical Family	Anionic Powdered Detergent

II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

There are no hazardous ingredients in ALCONOX® as defined by the OSHA Standard and Hazardous Substance List 29 CFR 1910 Subpart Z.

III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (F):	Not Applicable
Vapor Pressure (mm Hg):	Not Applicable
Vapor Density (AIR=1):	Not Applicable
Specific Gravity (Water=1):	Not Applicable
Melting Point:	Not Applicable
Evaporation Rate (Butyl Acetate=1):	Not Applicable
Solubility in Water:	Appreciable—Soluble to 10% at ambient conditions.
Appearance:	White powder interspersed with cream colored flakes.

IV. FIRE AND EXPLOSION DATA

Flash Point (Method Used):	None
Flammable Limits:	**LEL:** No Data **UEL:** No Data
Extinguishing Media:	Water, dry chemical, CO_2, foam
Special Firefighting Procedures:	Self-contained positive pressure breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.
Unusual Fire and Explosion Hazards:	None

V. REACTIVITY DATA

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or Byproducts:	May release CO_2 on burning

VI. HEALTH HAZARD DATA

Route(s) of Entry:	**Inhalation?** Yes **Skin?** No **Ingestion?** Yes
Health Hazards (Acute and Chronic):	Inhalation of powder may prove locally irritating to mucous membranes. Ingestion may cause discomfort and/or diarrhea. Eye contact may prove irritating.
Carcinogenicity:	**NTP?** No **IARC Monographs?** No **OSHA Regulated?** No

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(E-MAIL) cleaning@alconox.com
(URL) http://www.alconox.com

ALCONOX® MATERIAL SAFETY DATA SHEET (cont'd)

Signs and Symptoms of Exposure: Exposure may irritate mucous membranes. May cause sneezing.

Medical Conditions Generally Aggravated by Exposure: Not Established. Unnecessary exposure to this product or any industrial chemical should be avoided. Respiratory conditions may be aggravated by powder.

Emergency and First Aid Procedures: **Eyes**—Immediately flush eyes with water for at least 15 minutes. Call a physician.
Skin—Flush with plenty of water.
Ingestion—Drink large quantities of water or milk. Do not induce vomiting. If vomiting occurs re-administer fluids. See a physician for discomfort.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken if Material is Released or Spilled: Material foams profusely. Recover as much as possible and flush remainder to sewer.

Waste Disposal Method: Material is biodegradable. Small quantities may be disposed of in sewer. Large quantities should be disposed of in accordance with local ordinances for detergent products.

Precautions to be Taken in Storing and Handling: Material should be stored in a dry area to prevent caking.

Other Precautions: No special requirements other than the good industrial hygiene and safety practices employed with any industrial chemical.

VIII. CONTROL MEASURES

Respiratory Protection (Specify Type): Dust mask—Recommended

Ventilation: **Local Exhaust**—Normal
Special—Not Required
Mechanical—Not Required
Other—Not Required

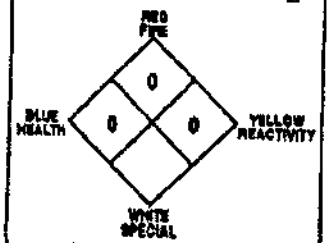
Protective Gloves: Impervious gloves are useful but not required.

Eye Protection: Goggles are recommended when handling solutions.

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: No special practices required.

National Fire Protection Association 704 labeling:



Degree of Hazard:
0=insignificant
1=slight
2=moderate
3=high
4=extreme

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH BUT NO WARRANTY IS EXPRESSED OR IMPLIED.



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Liqui-Nox®

Document #112

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION

Product Name (As appears on Label):	LIQUI-NOX®
CAS Registry Number:	Not Applicable
Date Prepared:	January 1, 1998
Chemical Family:	Anionic Liquid Detergent

II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

There are no hazardous ingredients in LIQUI-NOX® as defined by the OSHA Standard and Hazardous Substance List 29 CFR 1910 Subpart Z.

III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	214°F
Vapor Pressure (mm Hg):	No Data
Vapor Density (AIR =1):	No Data
Specific Gravity (Water=1):	1.075
Melting Point:	Not Applicable
Evaporation Rate (Butyl Acetate = 1):	Slower
Solubility in Water:	Completely soluble in all proportions.
Appearance:	Yellow liquid, nearly odorless

IV. FIRE AND EXPLOSION DATA

Flash Point:	None (Cleveland Open Cup)
Flammable Limits:	**LEL:** No Data **UEL:** No Data
Extinguishing Media:	Water, Dry Chemicals, CO_2, Foam
Special Firefighting Procedures:	Self-contained positive pressure breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.
Unusual Fire and Explosion Hazards:	None.

V. REACTIVITY DATA

Stability:	Stable
Conditions To Avoid:	None
Incompatibility (Materials To Avoid):	Oxidizing agents.
Hazardous Decomposition Or Byproducts:	May release SO_2 on burning.

VI. HEALTH HAZARD DATA

Routes of Entry:	**Inhalation?** No **Skin?** Yes **Ingestion?** Yes
Health Hazards (Acute and Chronic):	Skin contact may prove locally irritating, causing drying and/or chapping. Ingestion may cause discomfort and/or diarrhea.
Carcinogenicity:	**NTP?** No **IARC Monographs?** No **OSHA Regulated?** No

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(URL) http://www.alconox.com

LIQUI-NOX® MATERIAL SAFETY DATA SHEET (cont'd)

Signs and Symptoms of Exposure: Prolonged skin contact may cause drying and/or chapping.

Medical Conditions Generally Aggravated by Exposure: Not established. Unnecessary exposure to this product or any industrial chemical should be avoided.

Emergency and First Aid Procedures: **Eyes**—Immediately flush with water for at least 15 minutes
Skin—Flush with plenty of water
Ingestion—Drink large quantities of water or milk. See a physician for discomfort.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken if Material is Released or Spilled: Material foams profusely. For small spills recover as much as possible with absorbent material and flush remainder to sewer. Material is biodegradable.

Waste Disposal Method: Small quantities may be disposed of in sewer. Large quantities should be disposed of in accordance with local ordinances for detergent products

Precautions to be Taken in Storing and Handling: No special precautions in storing. Use protective equipment when handling undilute material.

Other Precautions: No special requirements other than good industrial hygiene and safety practices employed with any industrial chemical.

VIII. CONTROL MEASURES

Respiratory Protection (Specify Type): Not Required
Ventilation: **Local Exhaust**—Normal
Special—Not Required
Mechanical—Not Required
Other—Not Required

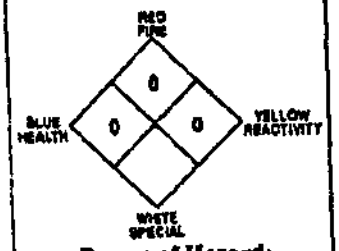
Protective Gloves: Impervious gloves are recommended.

Eye Protection: Goggles and/or splash shields are recommended.

Other Protective Clothing or Equipment: Not required

Work/Hygienic Practices: No special practices required.

National Fire Protection Association 704 labeling:



Degree of Hazard:
0=insignificant
1=slight
2=moderate
3=high
4=extreme

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH BUT NO WARRANTY IS EXPRESSED OR IMPLIED.

Please reduce your browser font size for better viewing and printing.

MSDS Material Safety Data Sheet

From: Mallinckrodt Baker, Inc.
222 Red School Lane
Phillipsburg, NJ 08865

MALLINCKRODT J.T.Baker

24 Hour Emergency Telephone: 908-859-2151
CHEMTREC: 1-800-424-9300

National Response in Canada
CANUTEC: 613-996-6666

Outside U.S. and Canada
Chemtrec: 202-483-7616

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

All non-emergency questions should be directed to Customer Service (1-800-582-2537) for assistance.

NITRIC ACID 1.0 N AND 2.0 N VOLUMETRIC SOLUTIONS

MSDS Number: N3659 --- *Effective Date: 11/06/97*

1. Product Identification

Synonyms: Azotic acid solution; nitric acid 6.3%; nitric acid 1.0 N volumetric solution; nitric acid 2.0 N volumetric solution; nitric acid 12.6%
CAS No.: 7697-37-2
Molecular Weight: 63.00
Chemical Formula: HNO3 in H2O
Product Codes:
J.T. Baker: 5639
Mallinckrodt: 3510

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Nitric Acid	7697-37-2	6.3 - 12.	Yes
Water	7732-18-5	> 87%	No

3. Hazards Identification

Emergency Overview

POISON! DANGER! OXIDIZER. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE. CORROSIVE. LIQUID AND MIST CAUSE SEVERE BURNS TO

ALL BODY TISSUE. MAY BE FATAL IF SWALLOWED. HARMFUL IF INHALED. INHALATION MAY CAUSE LUNG AND TOOTH DAMAGE.

J.T. Baker SAF-T-DATA(tm) Ratings (Provided here for your convenience)

Health Rating: 3 - Severe (Poison)
Flammability Rating: 0 - None
Reactivity Rating: 2 - Moderate
Contact Rating: 3 - Severe (Corrosive)
Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES
Storage Color Code: White (Corrosive)

Potential Health Effects

Nitric acid is extremely hazardous; it is corrosive, reactive, an oxidizer, and a poison.

Inhalation:
Corrosive! Inhalation of vapors can cause breathing difficulties and lead to pneumonia and pulmonary edema, which may be fatal. Other symptoms may include coughing, choking, and irritation of the nose, throat, and respiratory tract.
Ingestion:
Corrosive! Swallowing nitric acid can cause immediate pain and burns of the mouth, throat, esophagus and gastrointestinal tract.
Skin Contact:
Corrosive! Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and stain skin a yellow or yellow-brown color.
Eye Contact:
Corrosive! Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.
Chronic Exposure:
Long-term exposure to concentrated vapors may cause erosion of teeth and lung damage. Long-term exposures seldom occur due to the corrosive properties of the acid.
Aggravation of Pre-existing Conditions:
Persons with pre-existing skin disorders, eye disease, or cardiopulmonary diseases may be more susceptible to the effects of this substance.

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4. First Aid Measures

Immediate first aid treatment reduces the health effects of this substance.
Inhalation:
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion:
DO NOT INDUCE VOMITING! Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Skin Contact:
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
Eye Contact:
Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures

Fire:
Not combustible, but substance is a strong oxidizer and its heat of reaction with reducing agents or combustibles may cause ignition. Can react with metals to release flammable hydrogen gas.
Explosion:
May react explosively with combustible organic or readily oxidizable materials such as: alcohols, turpentine, charcoal, organic refuse, metal powder, hydrogen sulfide, etc.
Fire Extinguishing Media:
If involved in a fire, use water spray.
Special Information:
Increases the flammability of combustible, organic and readily oxidizable materials. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Neutralize with alkaline material (soda ash, lime), then absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

J. T. Baker NEUTRASORB(tm) or TEAM(tm) 'Low Na+' acid neutralizers are recommended for spills of this product.

7. Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect from physical damage and direct sunlight. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:
For Nitric Acid:
OSHA Permissible Exposure Limit (PEL):
2 ppm (TWA)
ACGIH Threshold Limit Value (TLV):
2 ppm (TWA); 4 ppm (STEL)
Ventilation System:
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.
Personal Respirators (NIOSH Approved):
If the exposure limit is exceeded, wear a supplied air, full-facepiece respirator, airlined hood, or full-facepiece self-contained breathing apparatus. Nitric acid is an oxidizer and should not come in contact with cartridges and canisters that contain oxidizable materials, such as activated charcoal. Canister-type respirators using sorbents are ineffective.
Skin Protection:
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Eye Protection:
Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance:
Colorless to yellowish liquid.
Odor:
Suffocating, acrid.
Solubility:
Infinitely soluble.
Specific Gravity:
No information found.
pH:
No information found.

% Volatiles by volume @ 21C (70F):
100 (as water and acid)
Boiling Point:
No information found.
Melting Point:
No information found.
Vapor Density (Air=1):
No information found.
Vapor Pressure (mm Hg):
No information found.
Evaporation Rate (BuAc=1):
No information found.

10. Stability and Reactivity

Stability:
Stable under ordinary conditions of use and storage. Containers may burst when heated.
Hazardous Decomposition Products:
When heated to decomposition, emits toxic nitrogen oxides fumes and hydrogen nitrate.
Hazardous Polymerization:
Will not occur.
Incompatibilities:
A dangerously powerful oxidizing agent, concentrated nitric acid is incompatible with most substances, especially strong bases, metallic powders, carbides, hydrogen sulfide, turpentine, and combustible organics.
Conditions to Avoid:
Heat and incompatibles.

11. Toxicological Information

For Nitric Acid: Investigated as a mutagen and reproductive effector.

--------\Cancer Lists\----------			
	---NTP Carcinogen---		
Ingredient	Known	Anticipated	IARC Category
----------	-----	----------	----------
Nitric Acid (7697-37-2)	No	No	None
Water (7732-18-5)	No	No	None

12. Ecological Information

Environmental Fate:
No information found.
Environmental Toxicity:

No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: NITRIC ACID (WITH NOT MORE THAN 70% NITRIC ACID)
Hazard Class: 8
UN/NA: UN2031
Packing Group: II
Information reported for product/size: 20L

International (Water, I.M.O.)

Proper Shipping Name: NITRIC ACID (WITH NOT MORE THAN 70% NITRIC ACID)
Hazard Class: 8
UN/NA: UN2031
Packing Group: II
Information reported for product/size: 20L

15. Regulatory Information

--------\Chemical Inventory Status - Part 1\--------

Ingredient	TSCA	EC	Japan	Australia
Nitric Acid (7697-37-2)	Yes	Yes	Yes	Yes
Water (7732-18-5)	Yes	Yes	Yes	Yes

--------\Chemical Inventory Status - Part 2\--------

Ingredient	Korea	--Canada-- DSL	NDSL	Phil.
Nitric Acid (7697-37-2)	Yes	Yes	No	Yes
Water (7732-18-5)	Yes	Yes	No	Yes

--------\Federal, State & International Regulations - Part 1\----------

Ingredient	-SARA 302- RQ	TPQ	------SARA 313------ List	Chemical Catg.
Nitric Acid (7697-37-2)	1000	1000	Yes	No
Water (7732-18-5)	No	No	No	No

--------\Federal, State & International Regulations - Part 2\----------

Ingredient	CERCLA	-RCRA- 261.33	-TSCA- 8(d)
Nitric Acid (7697-37-2)	1000	No	No
Water (7732-18-5)	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No
SARA 311/312: Acute: Yes Chronic: Yes Fire: No Pressure: No
Reactivity: Yes (Mixture / Liquid)

Australian Hazchem Code: 2PE
Poison Schedule: S6
WHMIS:
This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

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16. Other Information

NFPA Ratings: Health: 3 Flammability: 0 Reactivity: 0 Other: **Oxidizer**
Label Hazard Warning:
POISON! DANGER! OXIDIZER. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE. CORROSIVE. LIQUID AND MIST CAUSE SEVERE BURNS TO ALL BODY TISSUE. MAY BE FATAL IF SWALLOWED. HARMFUL IF INHALED. INHALATION MAY CAUSE LUNG AND TOOTH DAMAGE.
Label Precautions:
Do not get in eyes, on skin, or on clothing.
Do not breathe vapor or mist.
Use only with adequate ventilation.
Wash thoroughly after handling.
Keep from contact with clothing and other combustible materials.
Store in a tightly closed container.
Label First Aid:
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In all cases call a physician.
Product Use:

Laboratory Reagent.
Revision Information:

Disclaimer:
****

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Prepared by: Strategic Services Division
Phone Number: (314) 539-1600 (U.S.A.)

SULFURIC ACID, < 10%

MSDS Number: S8236 — *Effective Date: 09/24/97*

1. Product Identification

Synonyms: Sulfuric acid solution; Sulfuric Acid Volumetric Solutions 2.0 Normal and below
CAS No.: 7664-93-9
Molecular Weight: 98.07
Chemical Formula: H2SO4 in H2O
Product Codes:
J.T. Baker: 4699, 4703, 4704, 5640, 5641, 5642, 5690, 5692, 5693, 5694
Mallinckrodt: 6843, 7610, H366, H372, H381, H389, H392, H641

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Sulfuric Acid	7664-93-9	0.1 - 10%	Yes
Water	7732-18-5	90 - 99%	No

3. Hazards Identification

Emergency Overview

DANGER! CORROSIVE. LIQUID AND MIST CAUSE SEVERE BURNS TO ALL BODY TISSUE. MAY BE FATAL IF SWALLOWED OR CONTACTED WITH SKIN. HARMFUL IF INHALED. AFFECTS TEETH. CANCER HAZARD. STRONG INORGANIC ACID MISTS CONTAINING SULFURIC ACID CAN CAUSE CANCER. Risk of cancer depends on duration and level of exposure.

J.T. Baker SAF-T-DATA(tm) Ratings (Provided here for your convenience)

Health Rating: 2 - Moderate
Flammability Rating: 0 - None

Reactivity Rating: 1 - Slight
Contact Rating: 3 - Severe (Corrosive)
Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES
Storage Color Code: White (Corrosive)

Potential Health Effects

Inhalation:
Corrosive. Effects should be less severe than from exposure to higher concentrations of sulfuric acid. Symptoms may include irritation of the nose and throat, labored breathing, as well as lung edema, damage to the mucous membranes and upper respiratory tract.
Ingestion:
Corrosive. Effects should be less severe than from exposure to higher concentrations of sulfuric acid. Symptoms may include severe burns of the mouth, throat, and stomach. Circulatory collapse with clammy skin, weak and rapid pulse, shallow respirations, and scanty urine may follow ingestion or skin contact. Circulatory shock is often the immediate cause of death. May cause sore throat, vomiting, diarrhea.
Skin Contact:
Corrosive. Effects should be less severe than from exposure to higher concentrations of sulfuric acid. Symptoms may include redness, pain, and burns to the skin. Circulatory collapse with clammy skin, weak and rapid pulse, shallow respirations, and scanty urine may follow ingestion or skin contact. Circulatory shock is often the immediate cause of death.
Eye Contact:
Corrosive. Effects should be less severe than from exposure to higher concentrations of sulfuric acid. Symptoms may include blurred vision, redness, pain, and burns to eye tissue. Concentrated solutions can cause blindness.
Chronic Exposure:
Long term exposure to mist or vapors may cause damage to teeth. Chronic exposure to mists containing sulfuric acid is a cancer hazard.
Aggravation of Pre-existing Conditions:
Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

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4. First Aid Measures

First aid procedures given apply to concentrated solutions. Exposures to dilute solutions may not require these extensive first aid procedures.
Inhalation:
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.
Ingestion:
DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by

mouth to an unconscious person. Call a physician immediately.

Skin Contact:
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Excess acid on skin can be neutralized with a 2% solution of bicarbonate of soda. Call a physician immediately.

Eye Contact:
Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately.

5. Fire Fighting Measures

Fire:
Not combustible, but substance is a strong oxidizer and its heat of reaction with reducing agents or combustibles may cause ignition.

Explosion:
Contact with most metals causes formation of flammable and explosive hydrogen gas.

Fire Extinguishing Media:
Dry chemical, foam, water or carbon dioxide. Concentrated solutions are water reactive.

Special Information:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Structural firefighter's protective clothing is ineffective for fires involving this material. Stay away from sealed containers.

6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Neutralize with alkaline material (soda ash, lime), then absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

J. T. Baker NEUTRASORB(tm) or TEAM(tm) 'Low Na+' acid neutralizers are recommended for spills of this product.

7. Handling and Storage

Store in a cool, dry, ventilated storage area with acid resistant floors and good drainage. Protect from physical damage. Keep out of direct sunlight and away from heat and incompatible materials. Do not wash out container and use it for other purposes. When

diluting, always add the acid to water; never add water to the acid. When opening metal containers, use non-sparking tools because of the possibility of hydrogen gas being present. Protect from freezing. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

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8. Exposure Controls/Personal Protection

Airborne Exposure Limits:
For Sulfuric Acid:
-OSHA Permissible Exposure Limit (PEL):
1 mg/m3 (TWA).
-ACGIH Threshold Limit Value (TLV):
1 mg/m3 (TWA), 3 mg/m3 (STEL)
Ventilation System:
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.
Personal Respirators (NIOSH Approved):
If the exposure limit is exceeded, a full facepiece respirator with an acid gas cartridge and dust/mist filter may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.
Skin Protection:
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Eye Protection:
Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

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9. Physical and Chemical Properties

Appearance:
Clear, colorless solution.
Odor:
Odorless.
Solubility:
Miscible in water.
Specific Gravity:
ca. 1.0 (0.1%), 1.07 (10%)

pH:
1 N solution (ca. 5% w/w) = 0.3; 0.1 N solution (ca. 0.5% w/w) = 1.2; 0.01 N solution (ca. 0.05% w/w) = 2.1.
% Volatiles by volume @ 21C (70F):
> 95
Boiling Point:
No information found.
Melting Point:
3C (100%), -32C (93%), -38C (78%), -64C (65%).
Vapor Density (Air=1):
No information found.
Vapor Pressure (mm Hg):
No information found.
Evaporation Rate (BuAc=1):
No information found.

10. Stability and Reactivity

Stability:
Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products:
(The following information applies to concentrated solutions). Toxic fumes of oxides of sulfur when heated to decomposition. Will react with water or steam to produce toxic and corrosive fumes. Reacts with carbonates to generate carbon dioxide gas, and with cyanides and sulfides to form poisonous hydrogen cyanide and hydrogen sulfide respectively.
Hazardous Polymerization:
Will not occur.
Incompatibilities:
Potassium chlorate, potassium perchlorate, potassium permanganate, sodium, lithium, bases, organic material, halogens, metal acetylides, oxides and hydrides, metals (yields hydrogen gas), strong oxidizing and reducing agents and many other reactive substances.
Conditions to Avoid:
Heat, incompatibles.

11. Toxicological Information

Toxicological Data:
Oral rat LD50: 2140 mg/kg; inhalation rat LC50: 510 mg/m3/2H; standard Draize, eye rabbit, 250 ug (severe); investigated as a tumorigen, mutagen, reproductive effector.
Carcinogenicity:
Cancer Status: The International Agency for Research on Cancer (IARC) has classified "strong inorganic acid mists containing sulfuric acid" as a known human carcinogen, (IARC category 1). This classification applies only to mists containing sulfuric acid and not to sulfuric acid or sulfuric acid solutions.

Ingredient	NTP Carcinogen: Known	NTP Carcinogen: Anticipated	IARC Category
Sulfuric Acid (7664-93-9)	No	No	None
Water (7732-18-5)	No	No	None

12. Ecological Information

Environmental Fate:
When released into the soil, this material may leach into groundwater. When released into the air, this material may be removed from the atmosphere to a moderate extent by wet deposition. When released into the air, this material may be removed from the atmosphere to a moderate extent by dry deposition.
Environmental Toxicity:
LC50 Flounder 100 to 330 mg/l/48 hr aerated water/Conditions of bioassay not specified;
LC50 Shrimp 80 to 90 mg/l/48 hr aerated water /Conditions of bioassay not specified;
LC50 Prawn 42.5 ppm/48 hr salt water /Conditions of bioassay not specified.
This material may be toxic to aquatic life.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: SULFURIC ACID (WITH NOT MORE THAN 51% ACID)
Hazard Class: 8
UN/NA: UN2796
Packing Group: III
Information reported for product/size: 200L

International (Water, I.M.O.)

Proper Shipping Name: SULFURIC ACID (WITH NOT MORE THAN 51% ACID)
Hazard Class: 8
UN/NA: UN2796

Packing Group: III
Information reported for product/size: 200L

15. Regulatory Information

Chemical Inventory Status - Part 1	TSCA	EC	Japan	Australia
Sulfuric Acid (7664-93-9)	Yes	Yes	Yes	Yes
Water (7732-18-5)	Yes	Yes	Yes	Yes

Chemical Inventory Status - Part 2	Korea	Canada DSL	Canada NDSL	Phil.
Sulfuric Acid (7664-93-9)	Yes	Yes	No	Yes
Water (7732-18-5)	Yes	Yes	No	Yes

Federal, State & International Regulations - Part 1	SARA 302 RQ	SARA 302 TPQ	SARA 313 List	SARA 313 Chemical Catg.
Sulfuric Acid (7664-93-9)	1000	1000	Yes	No
Water (7732-18-5)	No	No	No	No

Federal, State & International Regulations - Part 2	CERCLA	RCRA 261.33	TSCA 8(d)
Sulfuric Acid (7664-93-9)	1000	No	No
Water (7732-18-5)	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: Yes
SARA 311/312: Acute: Yes Chronic: Yes Fire: No Pressure: No
Reactivity: No (Pure / Liquid)

Australian Hazchem Code: 2R
Poison Schedule: No information found.
WHMIS:
This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

NFPA Ratings: Health: 3 Flammability: 0 Reactivity: 0
Label Hazard Warning:
DANGER! CORROSIVE. LIQUID AND MIST CAUSE SEVERE BURNS TO ALL BODY TISSUE. MAY BE FATAL IF SWALLOWED OR CONTACTED WITH SKIN. HARMFUL IF INHALED. AFFECTS TEETH. CANCER HAZARD. STRONG

INORGANIC ACID MISTS CONTAINING SULFURIC ACID CAN CAUSE CANCER. Risk of cancer depends on duration and level of exposure.

Label Precautions:

Do not get in eyes, on skin, or on clothing.
Do not breathe mist.
Keep container closed.
Use only with adequate ventilation.
Wash thoroughly after handling.

Label First Aid:

In all cases call a physician immediately. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before re-use. Excess acid on skin can be neutralized with a 2% bicarbonate of soda solution. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Product Use:

Laboratory Reagent.

Revision Information:

Disclaimer:

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Prepared by: Strategic Services Division
Phone Number: (314) 539-1600 (U.S.A.)

SODIUM HYDROXIDE

MSDS Number: S4034 — *Effective Date: 03/05/97*

1. Product Identification

Synonyms: Caustic soda; lye; sodium hydroxide solid; sodium hydrate
CAS No.: 1310-73-2
Molecular Weight: 40.00
Chemical Formula: NaOH
Product Codes: J.T. Baker: 3718, 3721, 3722, 3723, 3728, 3729, 3734, 3736, 5045, 5565 Mallinckrodt: 7001, 7680, 7708, 7712, 7772, 7798

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Sodium Hydroxide	1310-73-2	99 - 100%	Yes

3. Hazards Identification

Emergency Overview

POISON! DANGER! CORROSIVE. MAY BE FATAL IF SWALLOWED. HARMFUL IF INHALED. CAUSES BURNS TO ANY AREA OF CONTACT. REACTS WITH WATER, ACIDS AND OTHER MATERIALS.

J.T. Baker SAF-T-DATA(tm) Ratings (Provided here for your convenience)

Health Rating: 3 - Severe (Poison)
Flammability Rating: 0 - None
Reactivity Rating: 2 - Moderate
Contact Rating: 4 - Extreme (Corrosive)
Lab Protective Equip: GOGGLES; LAB COAT; VENT HOOD; PROPER GLOVES
Storage Color Code: White Stripe (Store Separately)

Potential Health Effects

Inhalation:
Severe irritant. Effects from inhalation of dust or mist vary from mild irritation to serious damage of the upper respiratory tract, depending on severity of exposure. Symptoms may include sneezing, sore throat or runny nose. Severe pneumonitis may occur.

Ingestion:
Corrosive! Swallowing may cause severe burns of mouth, throat, and stomach. Severe scarring of tissue and death may result. Symptoms may include bleeding, vomiting, diarrhea, fall in blood pressure. Damage may appears days after exposure.

Skin Contact:
Corrosive! Contact with skin can cause irritation or severe burns and scarring with greater exposures.

Eye Contact:
Corrosive! Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness.

Chronic Exposure:
Prolonged contact with dilute solutions or dust has a destructive effect upon tissue.

Aggravation of Pre-existing Conditions:
Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

4. First Aid Measures

Inhalation:
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion:
DO NOT INDUCE VOMITING! Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact:
Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician, immediately. Wash clothing before reuse.

Eye Contact:
Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Note to Physician:
Perform endoscopy in all cases of suspected sodium hydroxide ingestion. In cases of severe esophageal corrosion, the use of therapeutic doses of steroids should be considered. General supportive measures with continual monitoring of gas exchange, acid-base balance, electrolytes, and fluid intake are also required.

5. Fire Fighting Measures

Fire:
Not considered to be a fire hazard. Hot or molten material can react violently with water. Can react with certain metals, such as aluminum, to generate flammable hydrogen gas.

Explosion:
Not considered to be an explosion hazard.

Fire Extinguishing Media:
Use any means suitable for extinguishing surrounding fire. Adding water to caustic solution generates large amounts of heat.

Special Information:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust. Do not flush caustic residues to the sewer. Residues from spills can be diluted with water, neutralized with dilute acid such as acetic, hydrochloric or sulfuric. Absorb neutralized caustic residue on clay, vermiculite or other inert substance and package in a suitable container for disposal. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

7. Handling and Storage

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities. Always add the

caustic to water while stirring, never the reverse. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product. Do not store with aluminum or magnesium. Do not mix with acids or organic materials.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:
- OSHA Permissible Exposure Limit (PEL): 2 mg/m3 Ceiling - ACGIH Threshold Limit Value (TLV): 2 mg/m3 Ceiling

Ventilation System:
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved):
If the exposure limit is exceeded, a half-face dust/mist respirator may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece dust/mist respirator may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:
Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance:
White, deliquescent pellets.

Odor:
Odorless.

Solubility:
111 g/100 g of water.

Specific Gravity:
2.13

pH:
13 - 14 (0.5% soln.)

% Volatiles by volume @ 21C (70F):
0

Boiling Point:
1390C (2534F)

Melting Point:
318C (604F)

Vapor Density (Air=1):
> 1.0

Vapor Pressure (mm Hg):
Negligible.

Evaporation Rate (BuAc=1):
No information found.

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10. Stability and Reactivity

Stability:
Stable under ordinary conditions of use and storage. Very hygroscopic. Can slowly pick up moisture from air and react with carbon dioxide from air to form sodium carbonate.

Hazardous Decomposition Products:
Sodium oxide. Decomposition by reaction with certain metals releases flammable and explosive hydrogen gas.

Hazardous Polymerization:
Will not occur.

Incompatibilities:
Contact with water, acids, flammable liquids, and organic halogen compounds, especially trichloroethylene, may cause fire or explosion. Contact with nitromethane and other similar nitro compounds causes formation of shock-sensitive salts. Contact with metals such as aluminum, tin, and zinc causes formation of flammable hydrogen gas.

Conditions to Avoid:

Moisture, dusting and incompatibles.

11. Toxicological Information

Irritation data: skin, rabbit: 500 mg/24H severe; eye rabbit: 50 ug/24H severe; investigated as a mutagen.

--------\Cancer Lists\----------

Ingredient	---NTP Carcinogen--- Known	Anticipated	IARC Category
Sodium Hydroxide (1310-73-2)	No	No	None

12. Ecological Information

Environmental Fate:
No information found.

Environmental Toxicity:
No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: SODIUM HYDROXIDE, SOLID
Hazard Class: 8
UN/NA: UN1823
Packing Group: II
Information reported for product/size: 300LB

International (Water, I.M.O.)

Proper Shipping Name: SODIUM HYDROXIDE, SOLID

Hazard Class: 8
UN/NA: UN1823
Packing Group: II
Information reported for product/size: 300LB

15. Regulatory Information

--------\Chemical Inventory Status - Part 1\----------

Ingredient	TSCA	EC	Japan	Australia
Sodium Hydroxide (1310-73-2)	Yes	Yes	Yes	Yes

--------\Chemical Inventory Status - Part 2\----------

Ingredient	Korea	--Canada-- DSL	NDSL	Phil.
Sodium Hydroxide (1310-73-2)	Yes	Yes	No	Yes

--------\Federal, State & International Regulations - Part 1\----------

Ingredient	-SARA 302- RQ	TPQ	------SARA 313------ List	Chemical Catg.
Sodium Hydroxide (1310-73-2)	No	No	Yes	No

--------\Federal, State & International Regulations - Part 2\----------

Ingredient	CERCLA	-RCRA- 261.33	-TSCA- 8(d)
Sodium Hydroxide (1310-73-2)	1000	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No
SARA 311/312: Acute: Yes Chronic: No Fire: No Pressure: No
Reactivity: Yes (Pure / Solid)

Australian Hazchem Code: 2R
Poison Schedule: S6

WHMIS:
This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

NFPA Ratings: Health: 3 **Flammability:** 0 **Reactivity:** 1

Label Hazard Warning:
POISON! DANGER! CORROSIVE. MAY BE FATAL IF SWALLOWED. HARMFUL

IF INHALED. CAUSES BURNS TO ANY AREA OF CONTACT. REACTS WITH WATER, ACIDS AND OTHER MATERIALS.

Label Precautions:
Do not get in eyes, on skin, or on clothing. Do not breathe dust. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Label First Aid:
If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. In all cases get medical attention immediately.

Product Use:
Laboratory Reagent.

Revision Information:
Pure. New 16 section MSDS format, all sections have been revised.

Disclaimer:
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Prepared by: Strategic Services Division
Phone Number: (314) 539-1600 (U.S.A.)

HEXANE

MSDS Number: H2381 — ***Effective Date: 12/09/96***

1. Product Identification

Synonyms: Hexanes,Normal Hexane; Hexyl Hydride
CAS No.: 110-54-3 (n-hexane)
Molecular Weight: 86.18
Chemical Formula: CH3(CH2)4CH3 n-hexane
Product Codes: 9262, 9304, 9308, N168

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Hexane	110-54-3	85 > 99%	Yes
Methylcyclopentane	96-37-7	1 - 2%	Yes
Trace amount of Benzene (10 ppm)	071-43-2	*	No

3. Hazards Identification

Emergency Overview

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. AFFECTS THE CENTRAL AND PERIPHERAL NERVOUS SYSTEMS.

J.T. Baker SAF-T-DATA(tm) Ratings (Provided here for your convenience)

Health Rating: 2 - Moderate
Flammability Rating: 3 - Severe (Flammable)
Reactivity Rating: 0 - None
Contact Rating: 2 - Moderate

Lab Protective Equip: GOGGLES; LAB COAT; VENT HOOD; PROPER GLOVES; CLASS B EXTINGUISHER
Storage Color Code: Red (Flammable)

Potential Health Effects

The health hazards addressed are for the major component: n-hexane.

Inhalation:
Inhalation of vapors irritates the respiratory tract. Overexposure may cause lightheadedness, nausea, headache, and blurred vision. Greater exposure may cause muscle weakness, numbness of the extremities, unconsciousness and death.

Ingestion:
May produce abdominal pain, nausea. Aspiration into lungs can produce severe lung damage and is a medical emergency. Other symptoms expected to parallel inhalation.

Skin Contact:
May cause redness, irritation, with dryness, cracking.

Eye Contact:
Vapors may cause irritation. Splashes may cause redness and pain.

Chronic Exposure:
Repeated or prolonged skin contact may defat the skin and produce irritation and dermatitis. Chronic inhalation may cause peripheral nerve disorders and central nervous system effects.

Aggravation of Pre-existing Conditions:
Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance. May affect the developing fetus.

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4. First Aid Measures

Inhalation:
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion:
Aspiration hazard. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact:

Remove any contaminated clothing. Wipe off excess from skin. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

Eye Contact:
Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Note to Physician:
BEI=2,5-hexadione in urine, sample at end of shift at workweeks end, 5 mg/g creatine. Also, measure n-hexane in expired air. Analgesics may be necessary for pain management, there is no specific antidote. Monitor arterial blood gases in cases of severe aspiration.

5. Fire Fighting Measures

Fire:
Flash point: -23C (-9F) CC Autoignition temperature: 224C (435F) Flammable limits in air % by volume: lel: 1.2; uel: 7.7 Extremely Flammable Liquid and Vapor! Vapor may cause flash fire. Dangerous fire hazard when exposed to heat or flame.

Explosion:
Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Contact with oxidizing materials may cause extremely violent combustion.Explodes when mixed @ 28C with dinitrogen tetraoxide. Sensitive to static discharge.

Fire Extinguishing Media:
Dry chemical, foam or carbon dioxide. Water may be ineffective.

Special Information:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Water spray may be used to keep fire exposed containers cool. Vapors can flow along surfaces to distant ignition source and flash back. Vapor explosion hazard exists indoors, outdoors, or in sewers.

6. Accidental Release Measures

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response

Center is (800) 424-8802. J. T. Baker SOLUSORB(tm) solvent adsorbent is recommended for spills of this product.

7. Handling and Storage

Protect against physical damage. Store in a cool, dry well-ventilated location, away from direct sunlight and any area where the fire hazard may be acute. Store in tightly closed containers (preferably under nitrogen atmosphere). Outside or detached storage is preferred. Inside storage should be in a standard flammable liquids storage room or cabinet. Separate from oxidizing materials. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:
N-Hexane [110-54-3]: -OSHA Permissible Exposure Limit (PEL): 500 ppm (TWA) - ACGIH Threshold Limit Value (TLV): 50 ppm (TWA) other isomers of hexane -ACGIH Threshold Limit Value (TLV): 500 ppm (TWA),1000ppm (STEL)

Ventilation System:
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved):
If the exposure limit is exceeded, wear a supplied air, full-facepiece respirator, airlined hood, or full-facepiece self-contained breathing apparatus. This substance has poor warning properties.

Skin Protection:
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:
Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance:
Clear, colorless liquid.

Odor:
Light odor.

Solubility:
Insoluble in water.

Specific Gravity:
0.66

pH:
No information found.

% Volatiles by volume @ 21C (70F):
100

Boiling Point:
ca. 68C (ca. 154F)

Melting Point:
ca. -95C (ca. -139F)

Vapor Density (Air=1):
3.0

Vapor Pressure (mm Hg):
130 @ 20C (68F)

Evaporation Rate (BuAc=1):
9

---

10. Stability and Reactivity

Stability:
Stable under ordinary conditions of use and storage. Heat will contribute to instability.

Hazardous Decomposition Products:
May produce acrid smoke and irritating fumes when heated to decomposition.

Hazardous Polymerization:
Will not occur.

Incompatibilities:
Strong oxidizers.

Conditions to Avoid:
Heat, flames, ignition sources and incompatibles.

11. Toxicological Information

N-Hexane: Oral rat LD50: 28710 mg/kg. Irritation eye rabbit: 10 mg mild. Investigated as a tumorigen, mutagen and reproductive effector.

--------\Cancer Lists\----------

Ingredient	---NTP Carcinogen--- Known	Anticipated	IARC Category
Trace amount of Benzene (10 ppm) (071-43-2)	Yes	No	1
Hexane (110-54-3)	No	No	None
Methylcyclopentane (96-37-7)	No	No	None

12. Ecological Information

Environmental Fate:
When released into the soil, this material may biodegrade to a moderate extent. When released into the soil, this material is not expected to leach into groundwater. When released into the soil, this material is expected to quickly evaporate. When released into water, this material may biodegrade to a moderate extent. When released to water, this material is expected to quickly evaporate. When released into the water, this material is expected to have a half-life between 1 and 10 days. This material has an estimated bioconcentration factor (BCF) of less than 100. This material has a log octanol-water partition coefficient of greater than 3.0. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life between 1 and 10 days.

Environmental Toxicity:
No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: HEXANES
Hazard Class: 3
UN/NA: UN1208
Packing Group: II
Information reported for product/size: 215L

International (Water, I.M.O.)

Proper Shipping Name: HEXANES
Hazard Class: 3.1
UN/NA: UN1208
Packing Group: II
Information reported for product/size: 215L

15. Regulatory Information

--------\Chemical Inventory Status - Part 1\

Ingredient	TSCA	EC	Japan	Australia
Trace amount of Benzene (10 ppm) (071-43-2)	Yes	Yes	Yes	Yes
Hexane (110-54-3)	Yes	Yes	Yes	Yes
Methylcyclopentane (96-37-7)	Yes	Yes	No	Yes

--------\Chemical Inventory Status - Part 2\

Ingredient	Korea	--Canada-- DSL	NDSL	Phil.
Trace amount of Benzene (10 ppm) (071-43-2)	Yes	Yes	No	Yes
Hexane (110-54-3)	Yes	Yes	No	Yes
Methylcyclopentane (96-37-7)	Yes	Yes	No	Yes

--------\Federal, State & International Regulations - Part 1\

Ingredient	-SARA 302- RQ	TPQ	------SARA 313------ List	Chemical Catg.
Trace amount of Benzene (10 ppm) (071-43-2)	No	No	Yes	No
Hexane (110-54-3)	No	No	Yes	No
Methylcyclopentane (96-37-7)	No	No	No	No

--------\Federal, State & International Regulations - Part 2\

Ingredient	CERCLA	-RCRA- 261.33	-TSCA- 8(d)
Trace amount of Benzene (10 ppm) (071-43-2)	10	U019	No

Hexane (110-54-3)	5000	No	No
Methylcyclopentane (96-37-7)	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No
SARA 311/312: Acute: Yes Chronic: Yes Fire: Yes Pressure: No
Reactivity: No (Mixture / Liquid)

Prop 65:
THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Australian Hazchem Code: 3[Y]E
Poison Schedule: No information found.

WHMIS:
This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

---

16. Other Information

NFPA Ratings: Health: 1 **Flammability:** 3 **Reactivity:** 0

Label Hazard Warning:
DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. AFFECTS THE CENTRAL AND PERIPHERAL NERVOUS SYSTEMS.

Label Precautions:
Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing.

Label First Aid:
Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. In all cases call a physician.

Product Use:
Laboratory Reagent.

Revision Information:
Mixture. New 16 section MSDS format, all sections have been revised.

Disclaimer:

Appendix B
NYSDEC Open Spill Cases for North First Street Site

PBS Number:

Tank Number	Tank Size	Test Method	Leak Rate
1)			

(Not listed in the EDR report)

9106388.txt

OPEN

9106388 *** NYSDEC UPDATED SPILL REPORT FORM *** 9106388
DEC Region: 2 - Long Island City Spill No.: 9106388

Spill Name :
Caller Info :
MATT HEYWARD
CON ED
(212) 580-6763

Lead DEC :
Notifier Info :

Spill Date: 09/13/1991 CID#:
Spill Time: 11:15 hrs.

Call Received Date: 09/13/199
Call Received Time: 13:05 hrs

Material Spilled:	Class:	Spilled:	Recovered
1) DIESEL	Patrol	500 Gal	
2)			
3)			
4)			

Spill Location:
W FIRST ST TERMINAL
NORTH FIRST ST TERMINAL
BKLYN CO: Kings
Contact:

Phone:

Potential Spiller Info:
CON ED
4 IRVING PLACE
NEW YORK, NY
Contact:

Phone: (212) 460-4833

Spill Cause: Equipment Failure

Resource Affected: On Land

Source: Major Facility > 400,000 gal
Waterbody:

Spill Reported by: Responsible Party

Caller Remarks:
RUPTURED TRANSPORT LINE. SPILLED ON ROOF OF STORAGE TANK. CONTAINED.

AAA WILL CLEAN UP.

UST Eligible?:

Regional Close Date: / /

Reported in The EDR Report (p10)

OPEN

9007596 *** NYSDEC UPDATED SPILL REPORT FORM *** 9007596
DEC Region: 2 - Long Island City Spill No.: 9007596

Spill Name : Lead DEC :
Caller Info : Notifier Info :
ANTHONY SIGONA
NYSDEC
(718) 482-4933

Spill Date: 10/10/1990 CID#: Call Received Date: 10/10/1990
Spill Time: 09:00 hrs. Call Received Time: 13:00 hrs

	Material Spilled:	Class:	Spilled:	Recovered:
1)	#6 FUEL OIL	Petrol	15,000 Gal	
2)				
3)				
4)				

Spill Location:
214 KENT AVE/BKLYN/CON ED
214 KENT AVENUE
BROOKLYN CO: Kings
Contact:
Phone:

Potential Spiller Info:
CON EDISON
Contact:
Phone:

Spill Cause: Tank Failure
Resource Affected: Groundwater

Source: Major Facility > 400,000 gal
Waterbody:
Spill Reported by: Other

Caller Remarks:
TANK AREA A HOLDING COMPARTMENTS 100, 200 & 300, 132,000 BARRELS,

51,000 BARRELS & 132,000 BARRELS WERE DISCOVERED TO BE LEAKING 4

MONTHS AGO, OIL LEAKED INTO DIKED AREA.

11/13/90 Reassigned from Sigona to Engelhardt.
DEC Remarks: " 10/10/90 Con Edison has initiated bids to clean up oil in dike & inject the Leaking Tank, approx 6" of product remains in all three compartments

DEC 29 '99 03:06PM EA REMEDIATION P.5

UST Eligible?: **Regional Close Date:** / /

PBS Number:

Tank Number	Tank Size	Test Method	Leak Rate
1)			
2)			
3)			

Classification: A3 Meets Standards?: EDO: Y - N

Reported in the DER report.

OPEN

9412417 *** NYSDEC UPDATED SPILL REPORT FORM *** 9412417
DEC Region: 2 - Long Island City Spill No.: 9412417

Spill Name :
Caller Info :
TIM SOLICH
CON EDISON
(212) 580-6763

Lead DEC :
Notifier Info :
MR. MANFREE
CON ED

Spill Date: 12/16/1994 CID#: Call Received Date: 12/16/199
4
Spill Time: 06:00 hrs. Call Received Time: 09:21 hrs

Material Spilled:	Class:	Spilled:	Recovered
1) #6 FUEL OIL	Petrol	200 Gal	0
2)			
3)			
4)			

Spill Location:
NORTH FIRST STREET
214 KENT AVENUE
BROOKLYN CO: Kings
Contact:

Phone:

Potential Spiller Info:
CON EDISON
4 IRVING PLACE
NEW YORK, NY 10003
Contact:

Phone: (212) 460-4600

Spill Cause: Equipment Failure

Resource Affected: On Land

Source: Other Comm/Industrial
Waterbody:

Spill Reported by: Responsible Party

Caller Remarks:
LEAK RATE < 1 QUART PER MINUTE, GASKET LEAKING ON TANK.

DEC Remarks: "Leak on tanks that were just refurbished. Have had product in the Tanks for a week. Leak is contained in the steel mat. They are transferring oil out to release head pressure so that flange can be repaired."

UST Eligible?:

Regional Close Date: / /

Not Reported in the EDR Report

OPEN

9611792 *** NYSDEC UPDATED SPILL REPORT FORM *** 9611792
DEC Region: 2 - Long Island City Spill No.: 9611792

Spill Name :
Caller Info :
STEVEN ROMARO
CON EDISON
(212) 580-6763

Lead DEC :
Notifier Info :
FRANK MISCONE
CON EDISON
(718) 706-2753

Spill Date: 12/30/1996 CID#: 195 Call Received Date: 12/30/1996
Spill Time: 02:30 hrs. Call Received Time: 03:04 hrs

	Material Spilled:	Class:	Spilled:	Recovered:
1)	#6 FUEL OIL	Petrol	10 Gal	10
2)				
3)				
4)				

Spill Location:
NORTH 1ST ST TERMINAL
214 KENT AVE
BROOKLYN CO: Kings
Contact: FRANK MISCONE

Phone: (718) 706-2753

Potential Spiller Info:
CON EDISON
128 WEST END AV
NEW YORK, NY 10023-
Contact:

Phone:

Spill Cause: Equipment Failure

Resource Affected: On Land

Source: Non Major Facility > 1,100 gal
Waterbody:

Spill Reported by: Responsible Party

Caller Remarks:
SEAL ON NUMBER 1 FUEL OIL PUMP FAILED - APPROX 10 GALS OF #6 FUEL

OIL LEAKED ONTO CONCRETE - SPILL BEING CLEANED UP

960882

PBS Number:

Tank Number	Tank Size	Test Method	Leak Rate
1)			
2)			
3)			

Classification: Meets Standards?: EDO: Y - N

UST Eligible?: Regional Close Date: / /

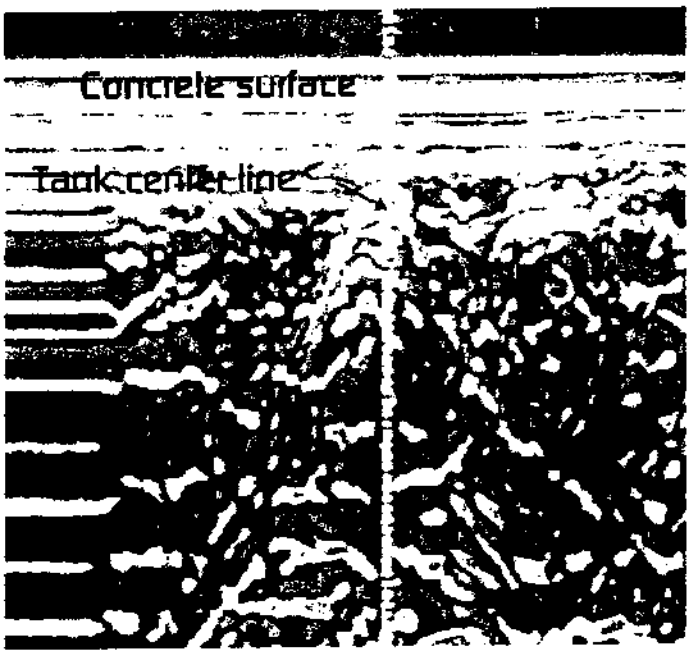
DEC 29 '99 03:08PM EA REMEDIATION P.12

Appendix C

Geophysical Survey Report

SUB-SURFACE INFORMATIONAL SURVEYS, INC.

GROUND PENETRATING RADAR RESULTS



DECEMBER 3, 1999

GROUND PENETRATING RADAR SURVEY RESULTS

FOR THE

INVESTIGATION WITHIN A DESIGNATED AREA SUSPECTED OF CONTAINING

UNDERGROUND STORAGE TANKS

AT

214 KENT AVENUE
BROOKLYN, NY

PREPARED FOR

LAWLER, MATUSKY & SKELLY, L.L.P.
1 BLUE HILL PLAZA - POB 1509
PEARL RIVER, NY
10965

PREPARED BY

SUB-SURFACE INFORMATIONAL SURVEYS, INC.
MONITOR BUILDING
145 SHAKER ROAD
E. LONGMEADOW, MASSACHUSETTS 01028-0452

DECEMBER 3, 1999

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1.2	Site Conditions	1-1
2.0	GEOPHYSICAL SURVEY	2-1
2.1	Geophysical Survey Procedures	2-1
2.2	Geophysical Survey Results	2-2
3.0	ANALYTICAL RESULTS	3-1
4.0	PROFILE COPIES OBTAINED IN THE FIELD	4-1
5.0	ACQUIRING PROCEDURES	5-1

T/C

1.0 INTRODUCTION

In accordance with your authorization, Sub-Surface Informational Surveys, Inc. (SIS) conducted a ground penetrating radar (GPR) survey on December 3, 1999 at 214 Kent Avenue in the City of Brooklyn, NY under quotation # 1.1160.99.

1.1 Purpose and Scope

GPR investigation for the location and/or orientation of suspected underground storage tanks.

1.2 Site Conditions

Open lot with occasional brush and surface debris. Surface is partial vegetation, cobblestones and gravel.

2.0 GEOPHYSICAL SURVEY

The geophysical survey was performed by Sub-Surface Informational Surveys, Inc. A transducer operator along with a supervising GPR technician performed the survey.

2.0 Geophysical Survey Procedures

The depth of the GPR survey was set at approximately 7.2' to locate any existing UST's (or) utilities. A traverse grid with a 4.0' - 5.0' spacing was used to conduct the GPR survey. Typically a 7.0' - 10.0' spacing is sufficient to detect all large capacity UST's (1,000-gallons or greater) (*2.0' - 5.0' grid) with a high degree of certainty, but because of the relatively small size of some of the areas covered, a traverse grid with a 4.0' - 5.0' spacing was used to better define any existing UST's.

The equipment used to conduct the geophysical survey included GPR equipment which consists of an electronics unit, power supply, graphic recorder, video display unit and transmitting/receiving antenna. The equipment is known collectively as a GPR system. The transmitting/receiving antenna transmits electromagnetic signals into the subsurface and then detects, amplified and displays reflections of the signal on a graphic recorder and a video display unit. As the antenna is moved slowly across the ground surface, a radar image of the subsurface is produced. The maximum depth of penetration of the GPR signal and the resolution of the reflections are a function of the antenna frequency and the electrical properties of the subsurface. As electrical conductivity of the subsurface increases, GPR signal penetration decreases. GPR reflections are produced by spatial changes in the physical properties of the subsurface (i.e., type of material, presence of any subsurface fluid and porosity) and related changes in the electrical properties of the subsurface materials in the path of the signals. The greater the difference, the stronger the observed GPR reflection.

Characteristics that are considered in the interpretation of GPR data from a given site include the size, shape and amplitude of the reflections. Metallic UST's, utilities and conduits have electrical properties uniquely different from those of the soils in which they are buried. As a result, the GPR reflections are usually of high amplitude and have distinctive shapes. For GPR profiles oriented perpendicular to the long axis of the tank, the signature is similar to a hyperbola. The signature is also a function of the tank diameter.

2.2 Geophysical Survey Results

There were two area's surveyed. The initial survey area was off the southeast corner (rear) of the 3M tank as seen in our RAM OVERVIEW. This was a very small area between the asphalt paved access road and the large tank. There were not hyperbolic features seen in any of the enclosed data.

The second area was the large open fenced-in lot which was approximately 200' east/west by 150' north/south. The area was surveyed working in-between the high brush. We were unable to survey the extreme rear of the property between the sea-wall and the rear of the existing building foundation (leveled) due to the concentration of brush. We did however, run a ferromagnetic magnetometer in that area showing on a minimum amount of signal from surface metals. All of the flat-open area's of this lot were surveyed showing no unusual hyperbolic features which are typical of the presence of suspected underground storage tanks.

Please match the RAM numbers on the attached data to the RAM numbers noted on the RAM OVERVIEW sheet. This will give you the approximate location of each of the traverses and transects at 90 degrees included in this report.

3.0 ANALYTICAL RESULTS - SIR-2000

FILE NUMBER

Refer to pages 2-1 through 2-2
Refer to individual profiles attached

GPR - GENERAL OVERVIEW (SHADED AREAS)

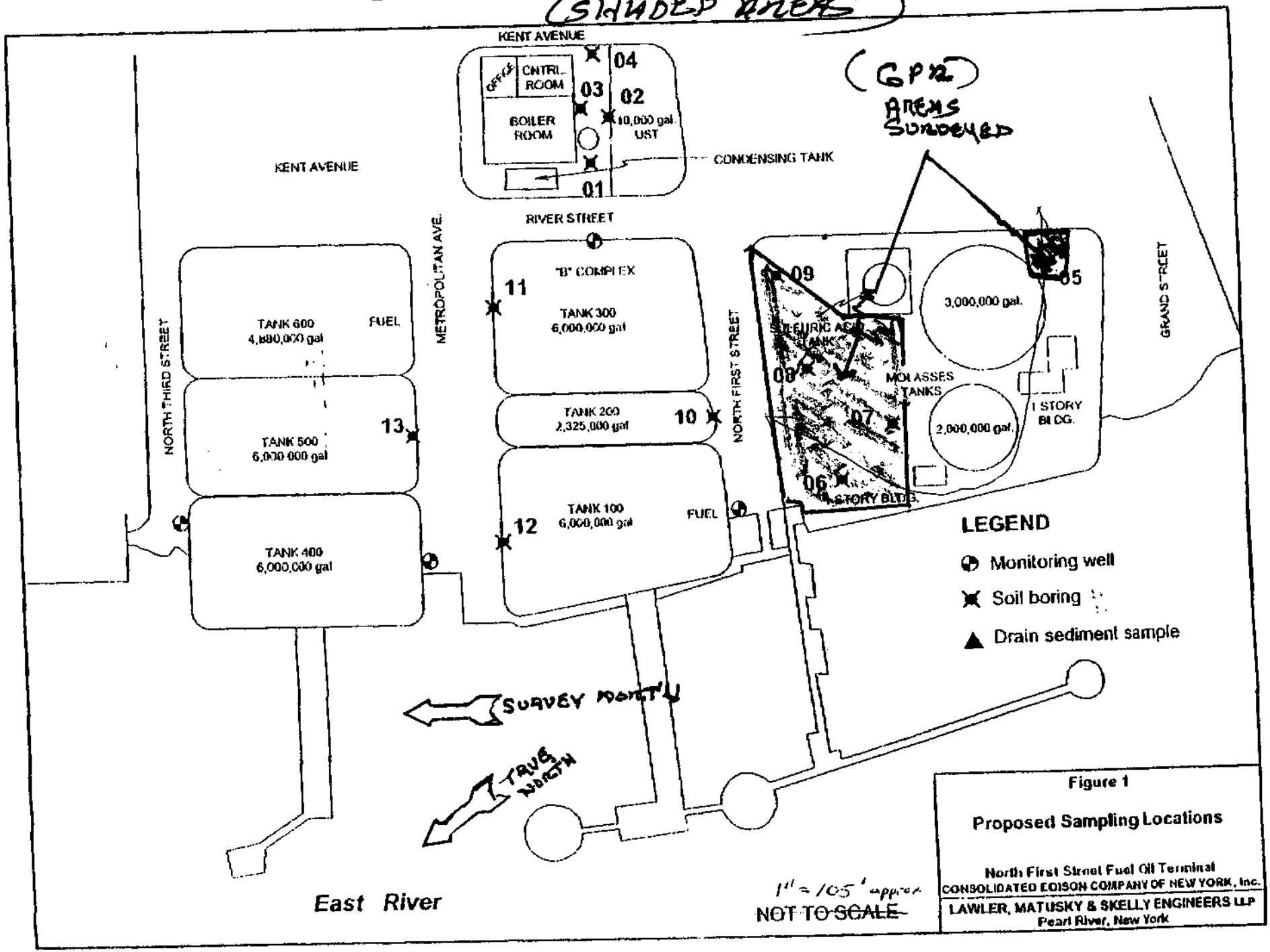


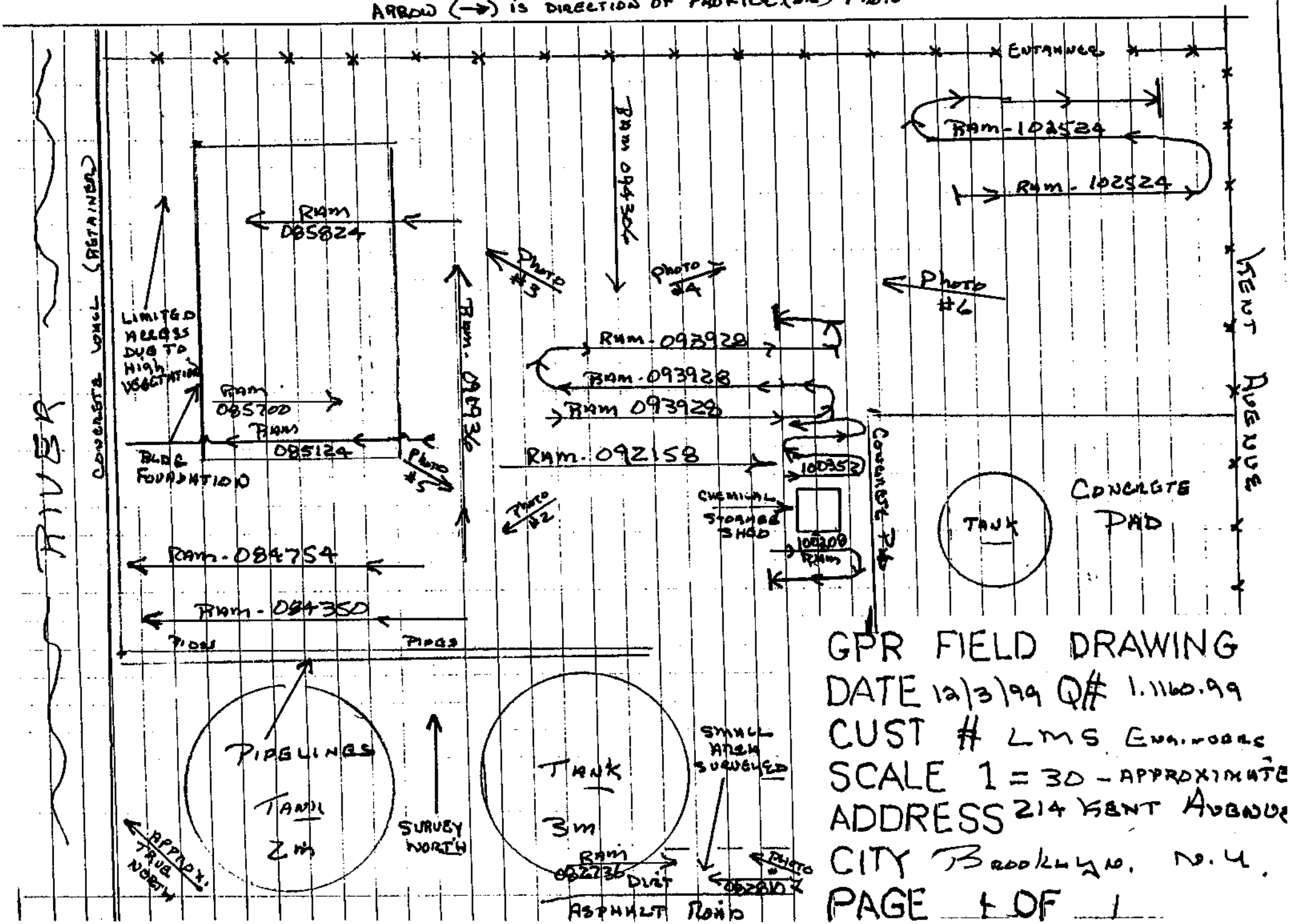
Figure 1

Proposed Sampling Locations

North First Street Fuel Oil Terminal
CONSOLIDATED EDISON COMPANY OF NEW YORK, Inc.
LAWLER, MATUSKY & SKELLY ENGINEERS LLP
Pearl River, New York

RAM OVERVIEW

ARROW (→) IS DIRECTION OF PROFILE (OR) PHOTO



GPR FIELD DRAWING

DATE 12/3/99 Q# 1.1160.99

CUST # LMS ENGINEERS

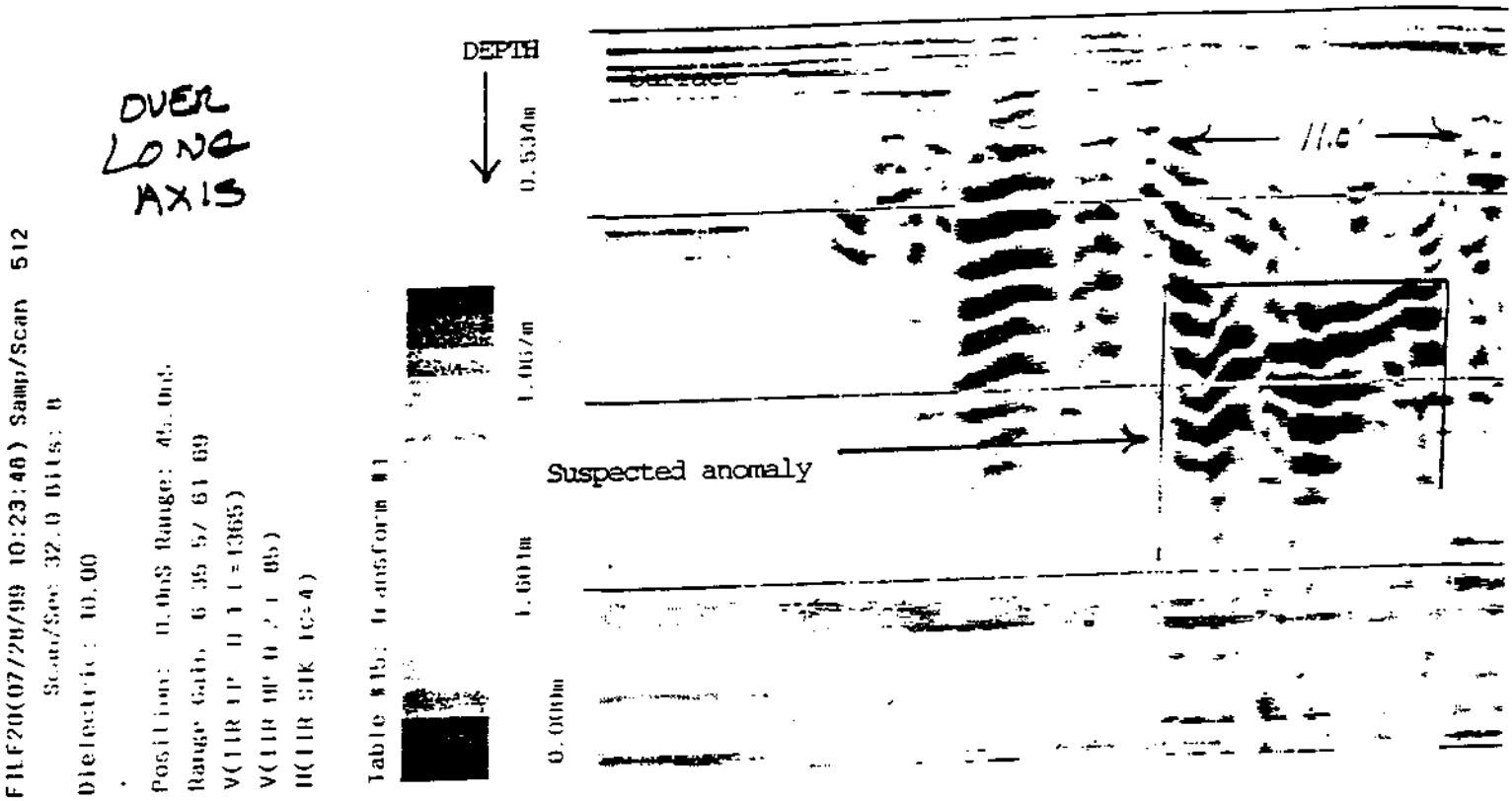
SCALE 1 = 30 - APPROXIMATE

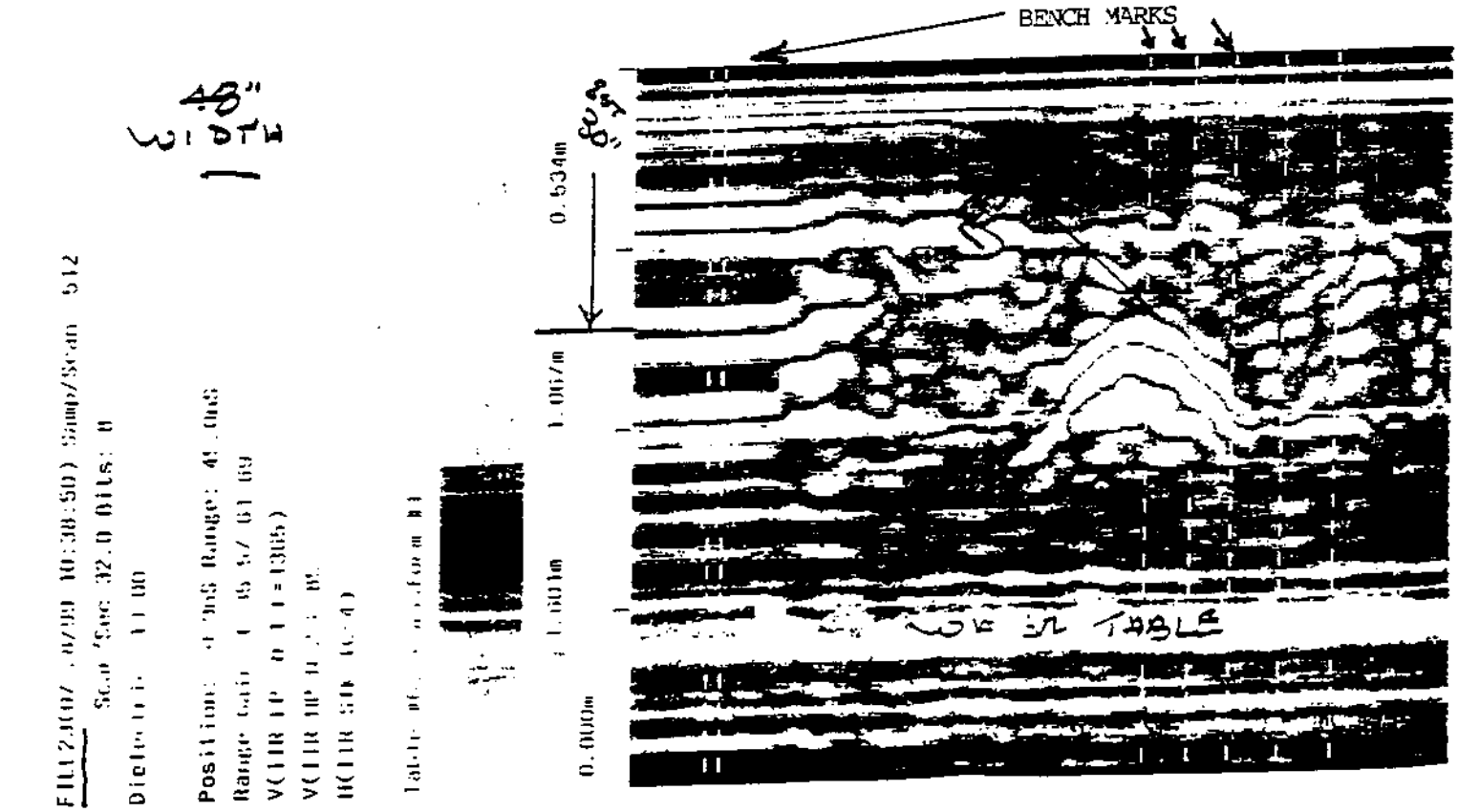
ADDRESS 214 KENT AVENUE

CITY BROOKLYN, N.Y.

PAGE 1 OF 1

The profiles below are a sample of our field data. All files have their own "file number" with the necessary calibrated information such as dielectric constant, nanoseconds per foot, approximate depth of penetration and a horizontal scale. Vertical bench marks indicate both start and stop of the profile along with strategic information such as 180 degree direction changes and anomaly locations and approximate sizes.





4.0 PROFILE COPIES OBTAINED IN THE FIELD

The attached copies are reproductions from data acquired in the field from the SIR SYSTEM-2000 (subsurface interface radar-2000) manufactured by GSSI of N. Salem, NH. The copies in this report are exact duplicate reproductions of the originals produced by our T-104 thermal printer. Photo's (if applicable) are produced by a Sony Camcorder and computer software.

22

profiles

&

photo's

Photo #1

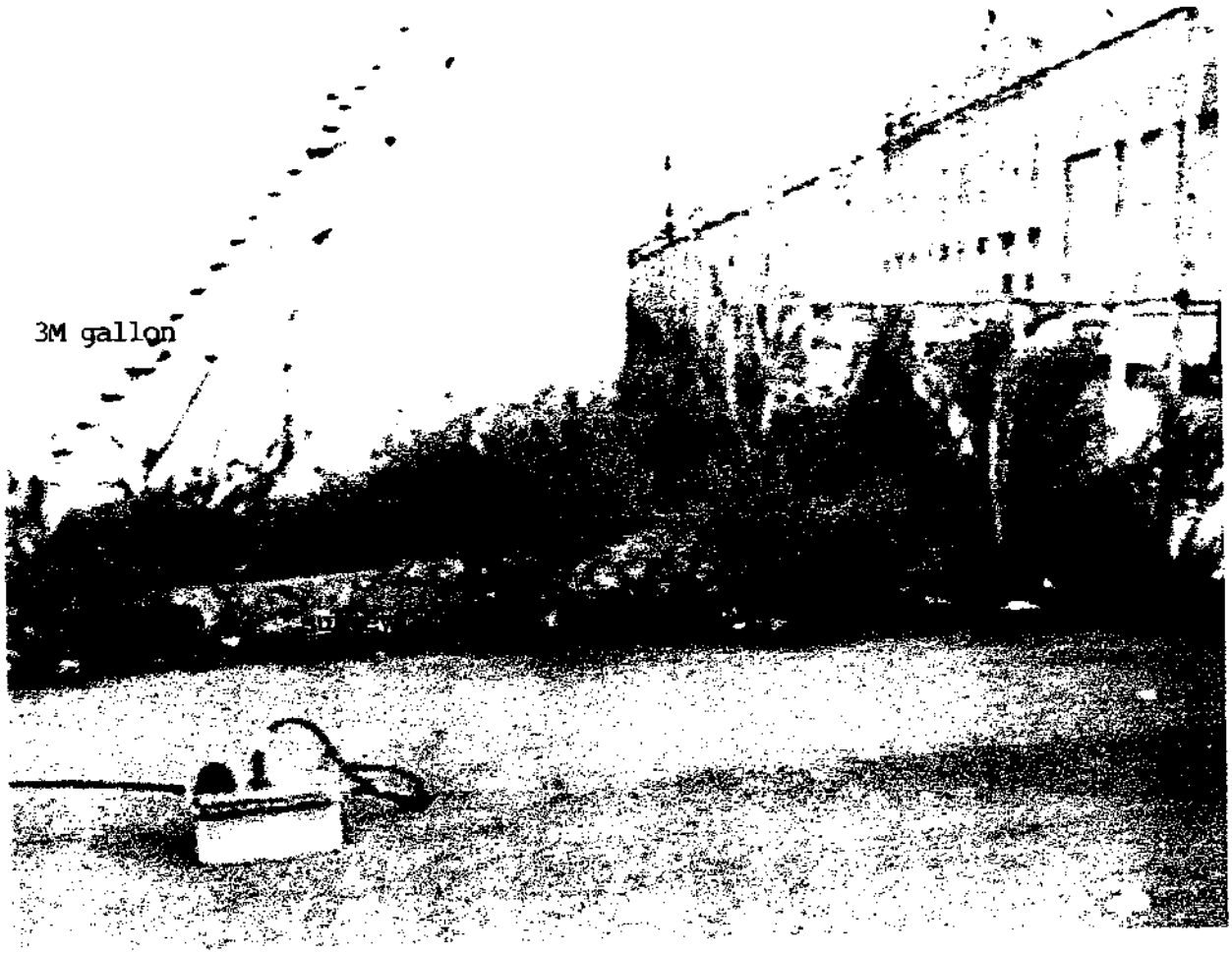


Photo showing first area of survey on south side of 3M tank. See RAM Overview sheet and look for "Photo #1" near bottom center. This is the approximate area the photo was taken. Survey area was from the asphalt above through the gravel/vegetation area.

Photo #2

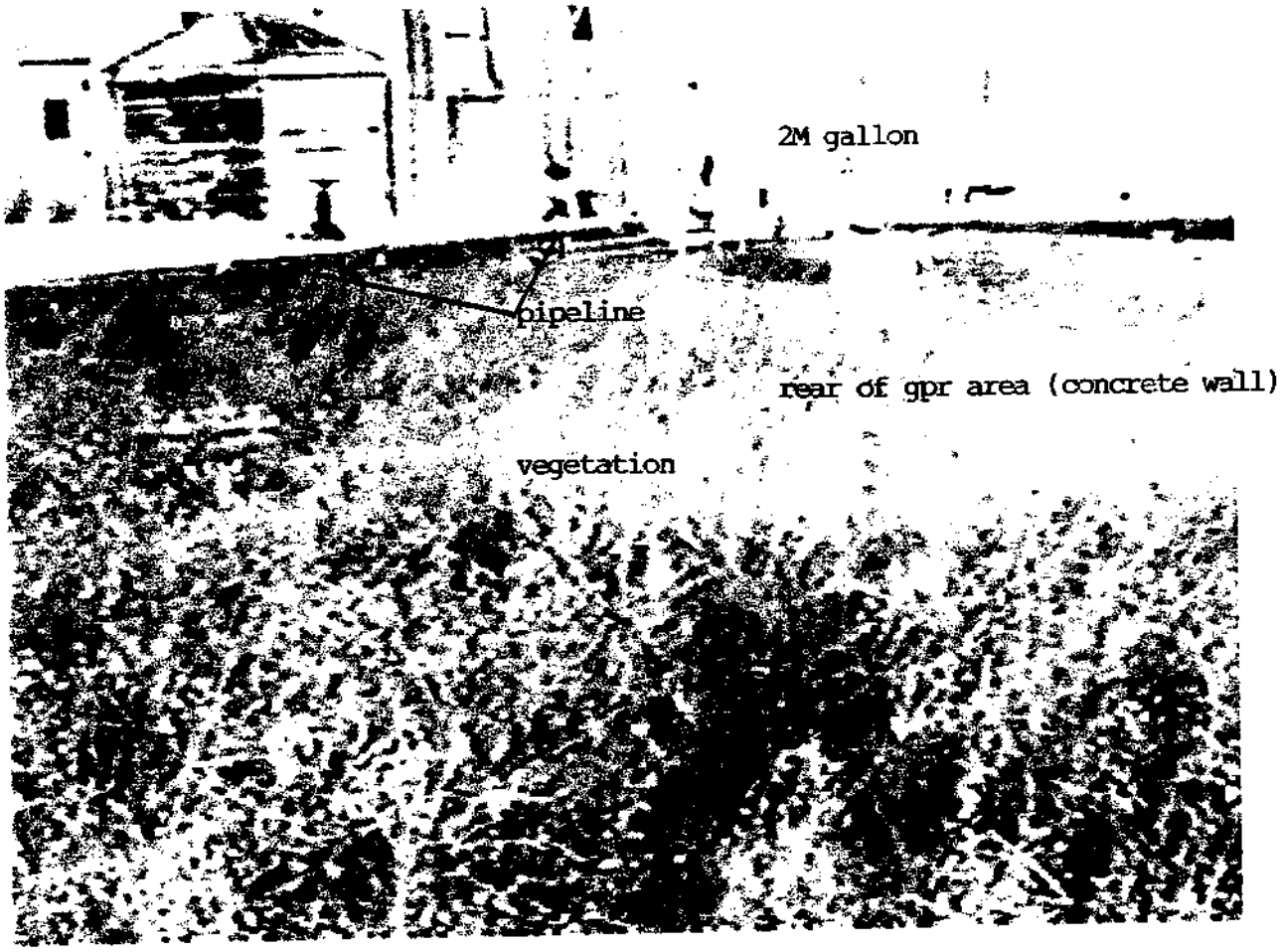

2M gallon
pipeline
rear of gpr area (concrete wall)
vegetation

Photo #3



Photo #4

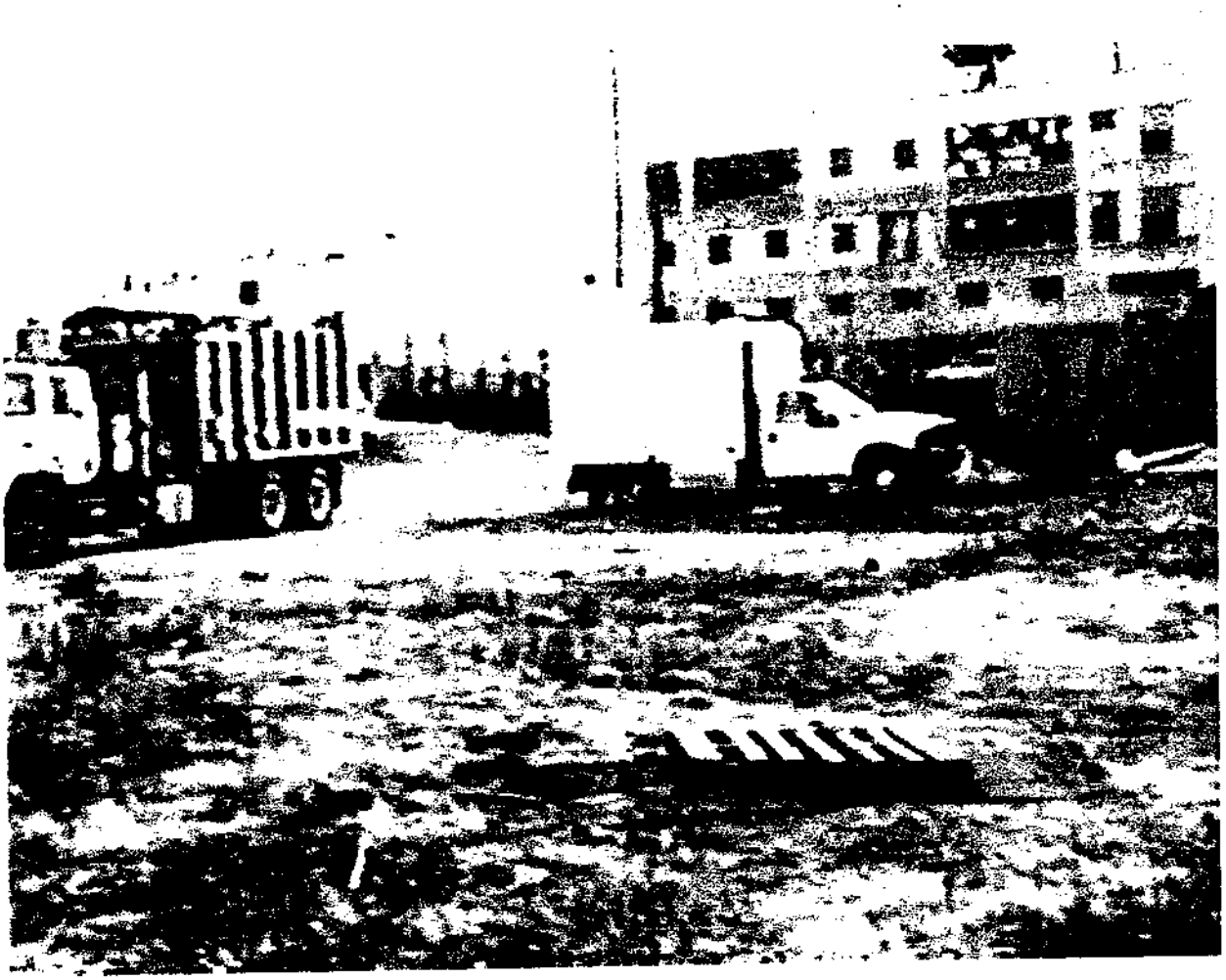


Photo #5

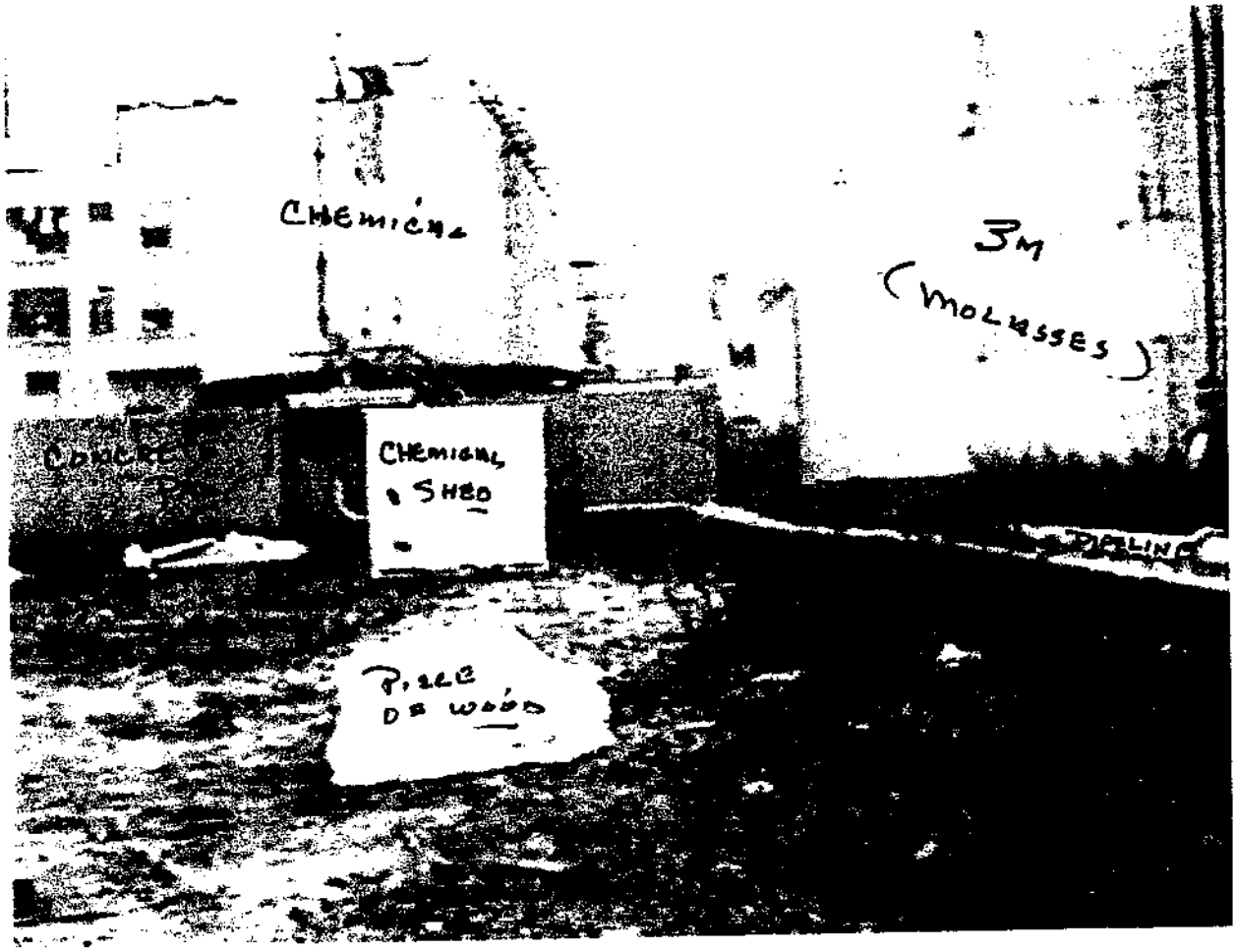


Photo #6



RAM(12/03/99 08:47:54) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

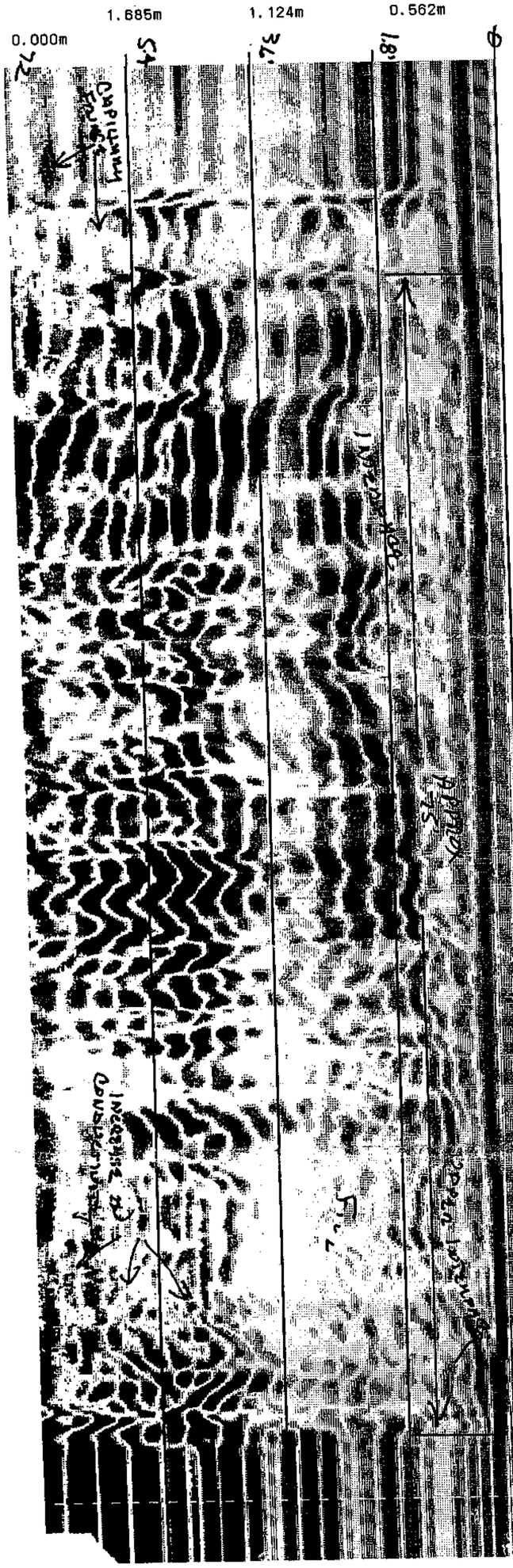
To west

Table #15; Transform #1



1.685m 1.124m 0.562m

0.000m



RAM(12/03/99 08:43:50) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

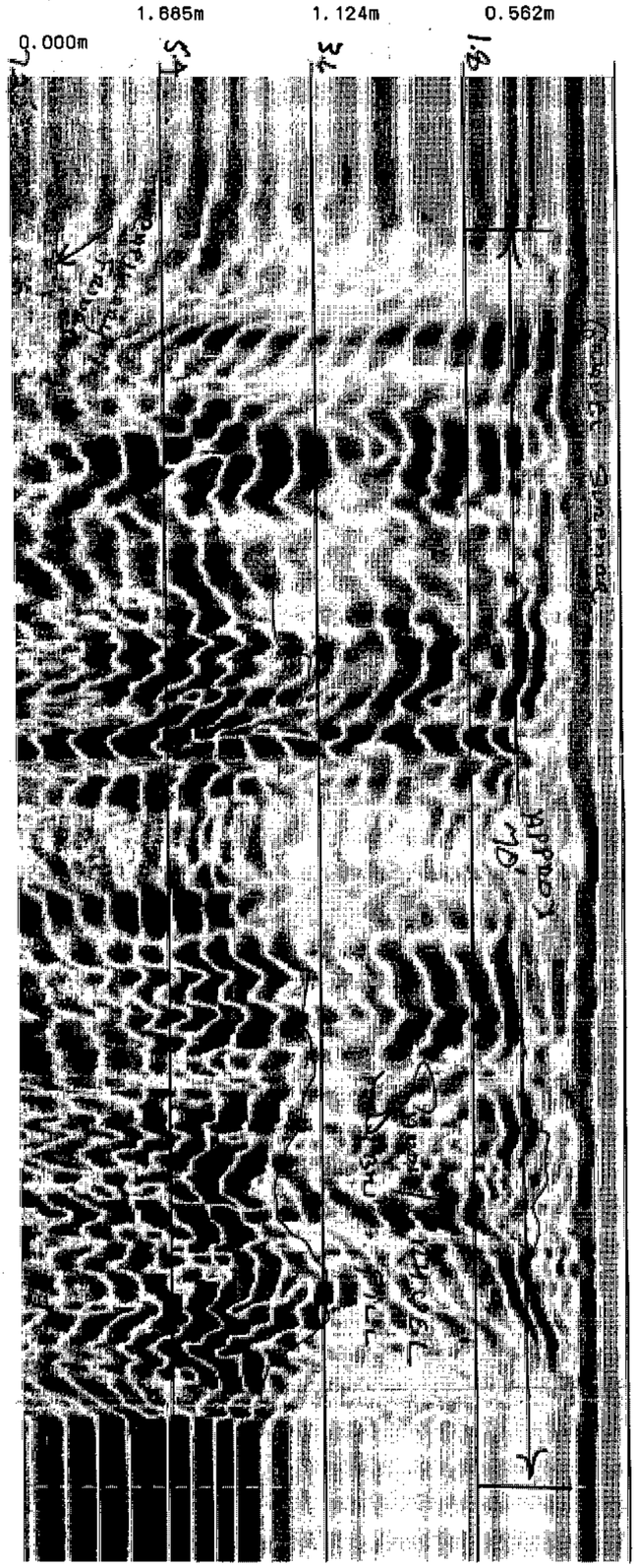
To west

Table #15; Transform #1



1.685m 1.124m 0.562m

0.000m



RAM(12/03/99 08:47:54) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

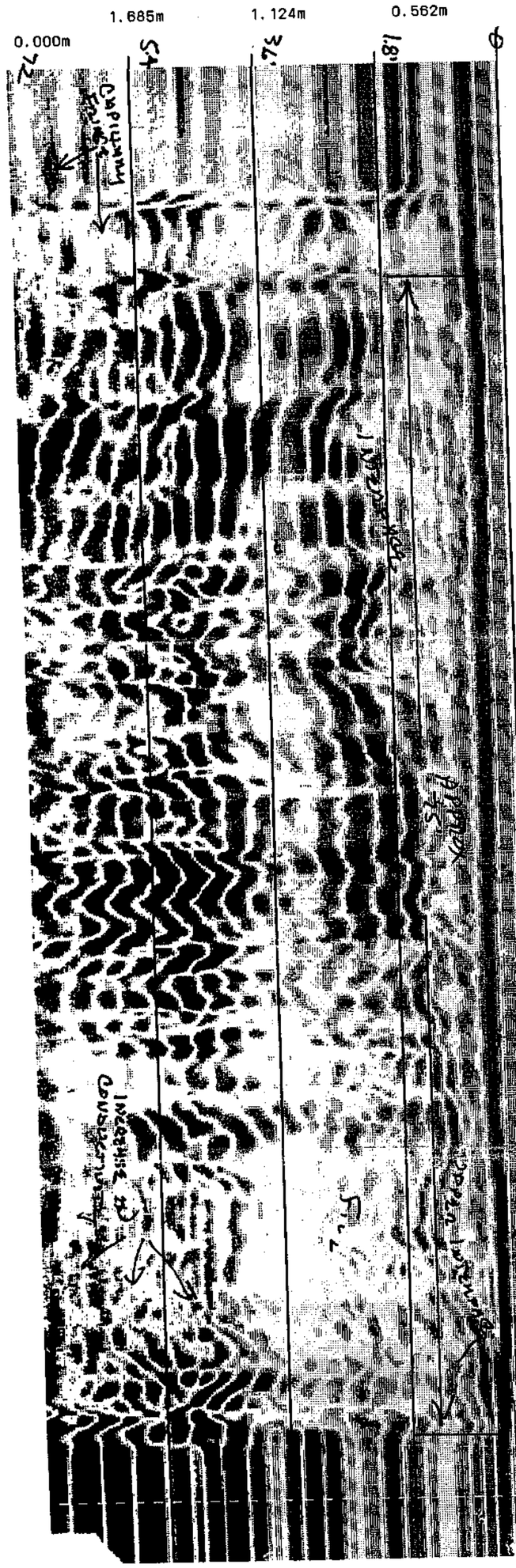
Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

To west

Table #15: Transform #1



1.685m 1.124m 0.562m
0.000m



RAM(12/03/99 08:43:50) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

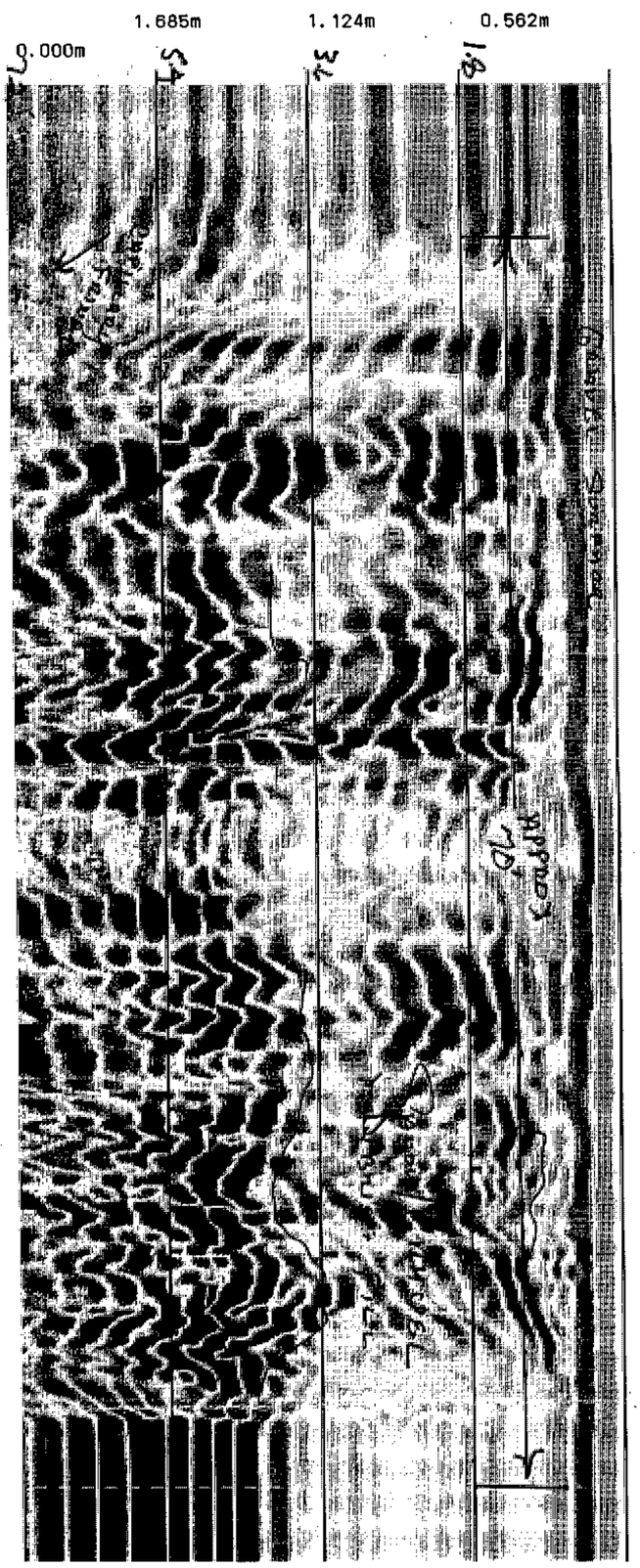
Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

To west

Table #15: Transform #1



1.685m 1.124m 0.562m
0.000m



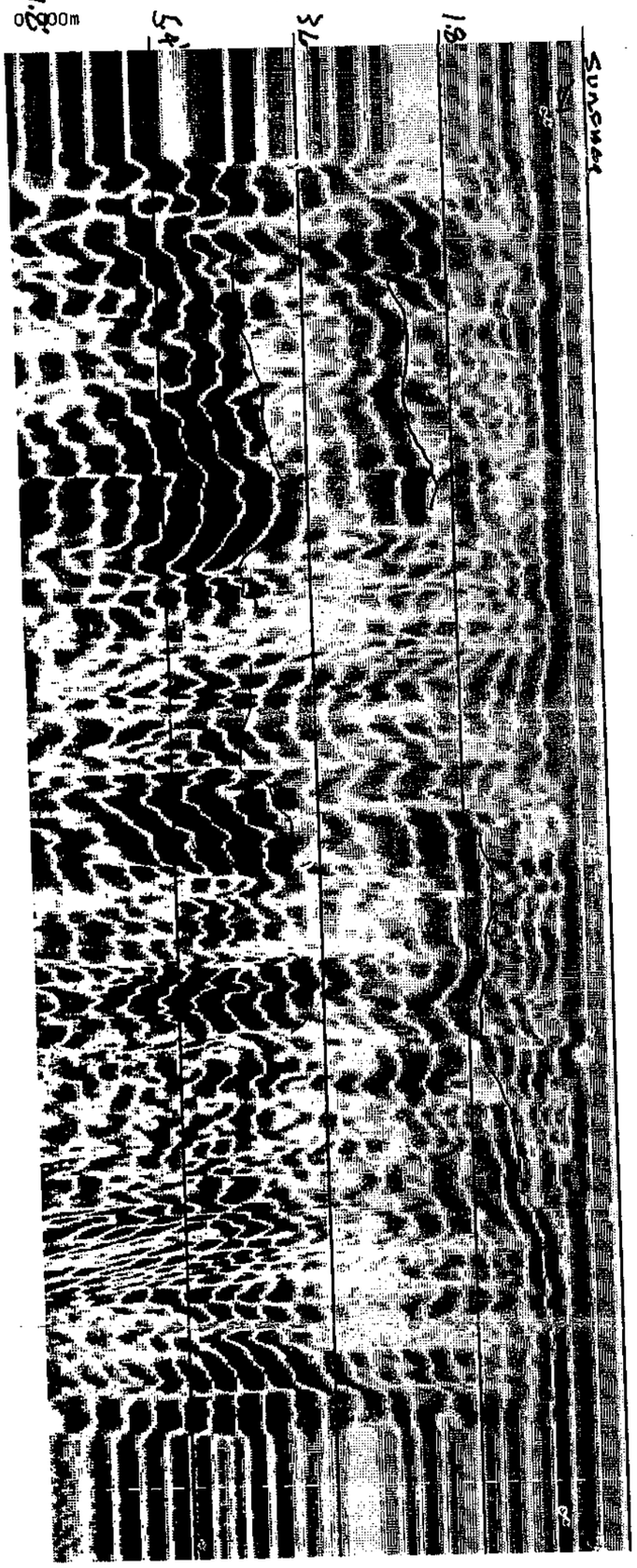
RAM(12/03/99 09:19:46) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

Table #15; Transform #1



1.685m 1.124m 0.562m
0.000m 5.4' 3.7' 1.8'



TO NORTH →

NO HYPERBOLIC FEATURES

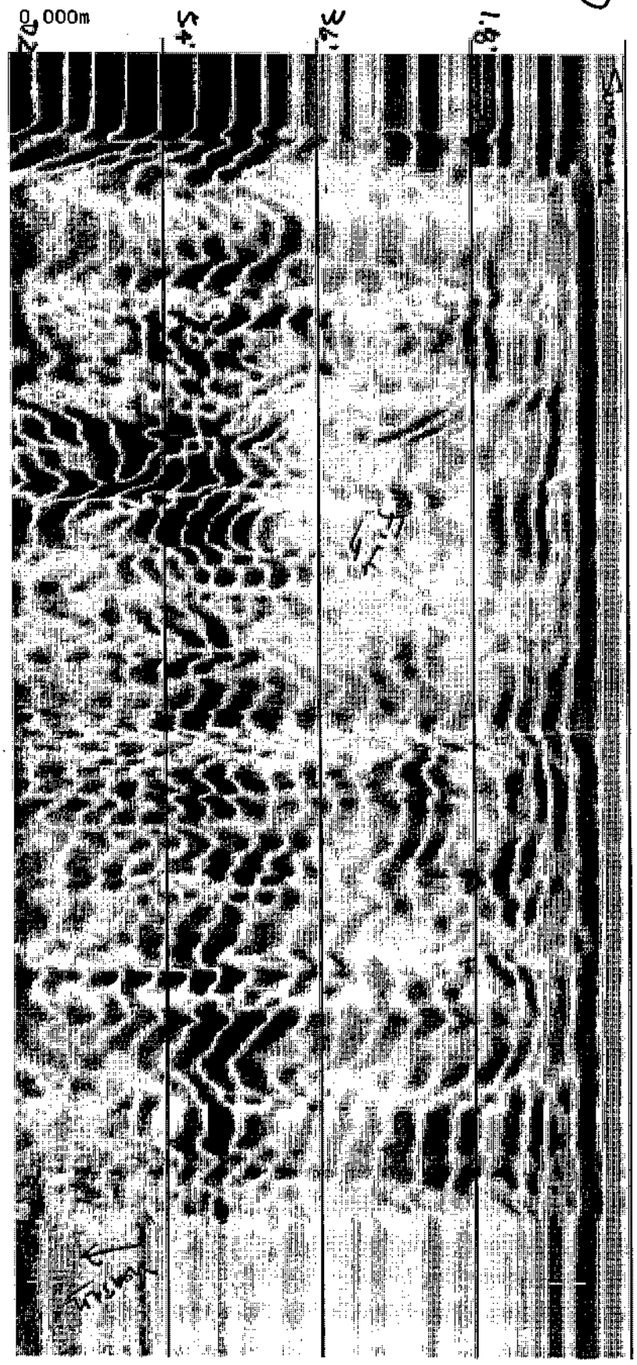
RAM(12/03/99 08:56:24) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

Table #15; Transform #1



1.685m 1.124m 0.562m
0.000m 5.4' 3.7' 1.8'



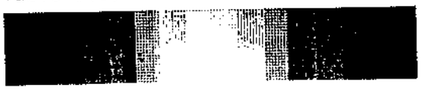
INCREASE IN (SPECKLES/DOTS) @ 5.4' INDICATES CAPILLARY FRINGE OF THE WATER TABLE

HIGHER CONDUCTIVE INTERFACE, OR SOME OTHER

RAM(12/03/99 09:19:46) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

Table #15; Transform #1



1.685m 1.124m 0.562m

0.000m 5.4' 3.4' 1.8'

No HYPERBOLIC FEATURES

To NORTH

SUNDOWN

RAM(12/03/99 08:58:24) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

Table #15; Transform #1



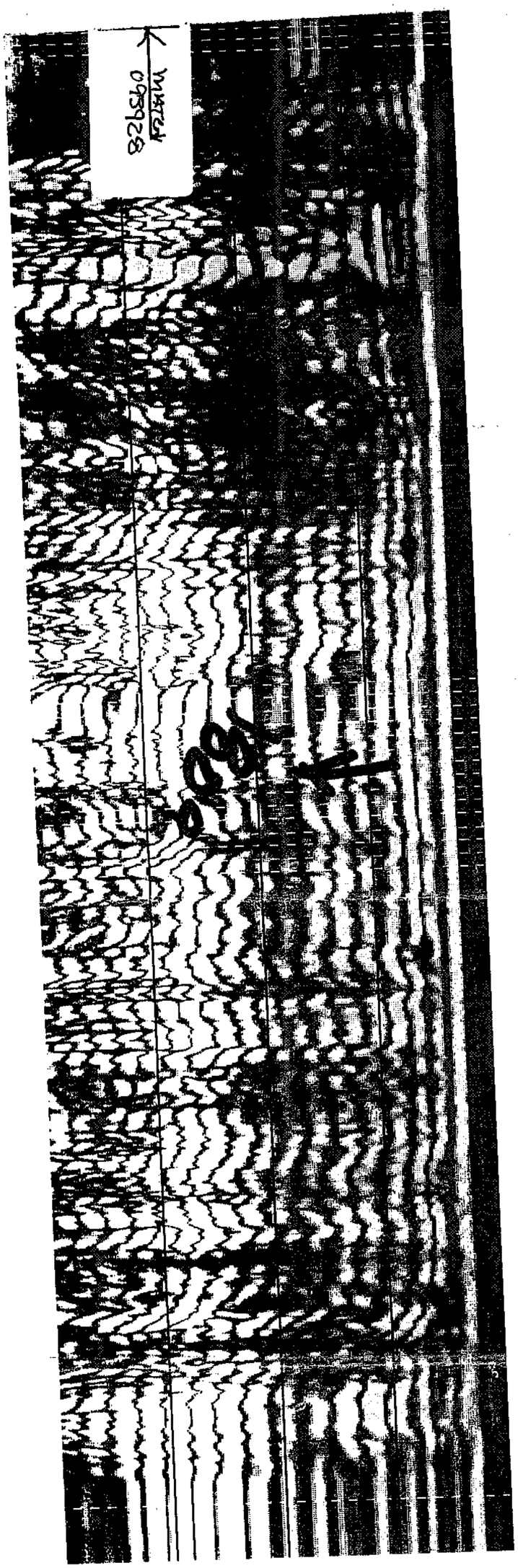
1.685m 1.124m 0.562m

0.000m 5.4' 3.4' 1.8'

INCREASE IN SPACKLES/DEBRIS @ 5.4' INDICATES CAPILLARY FRINGE OF THE WATER TABLE

DUE SOME OTHER HIGHER CONDUCTIVE INTERFACE.

SUNDOWN



RAM(12/03/99 09:39:28) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

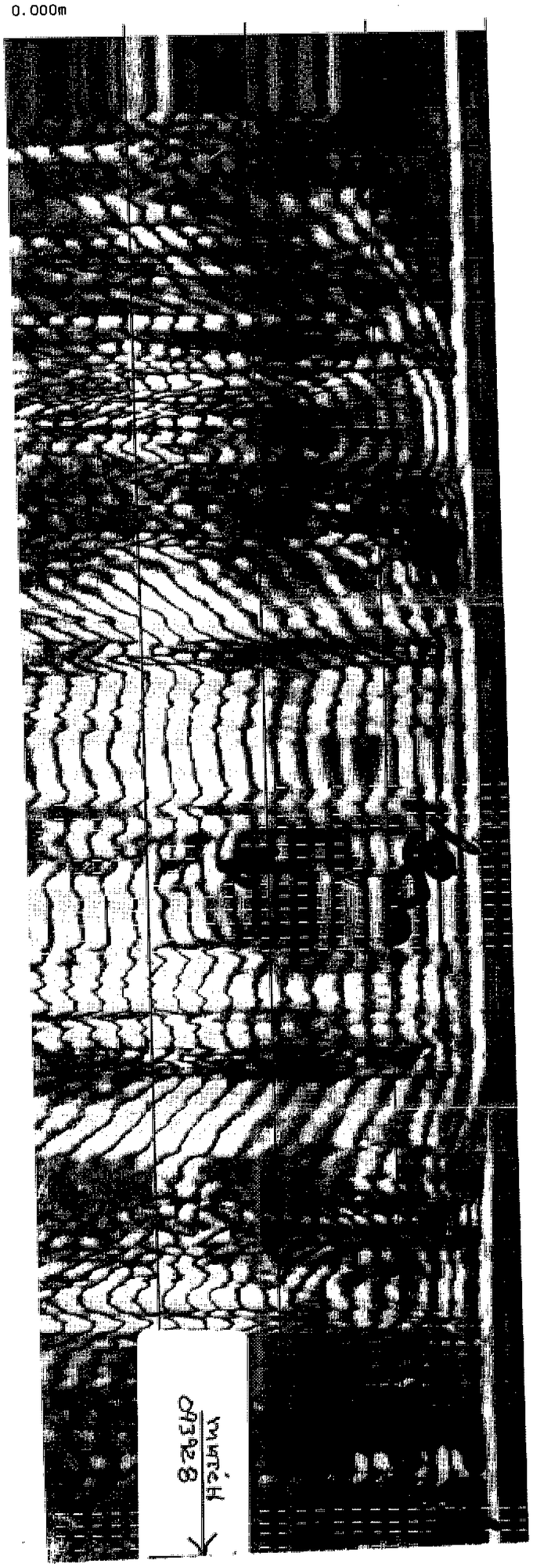
Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

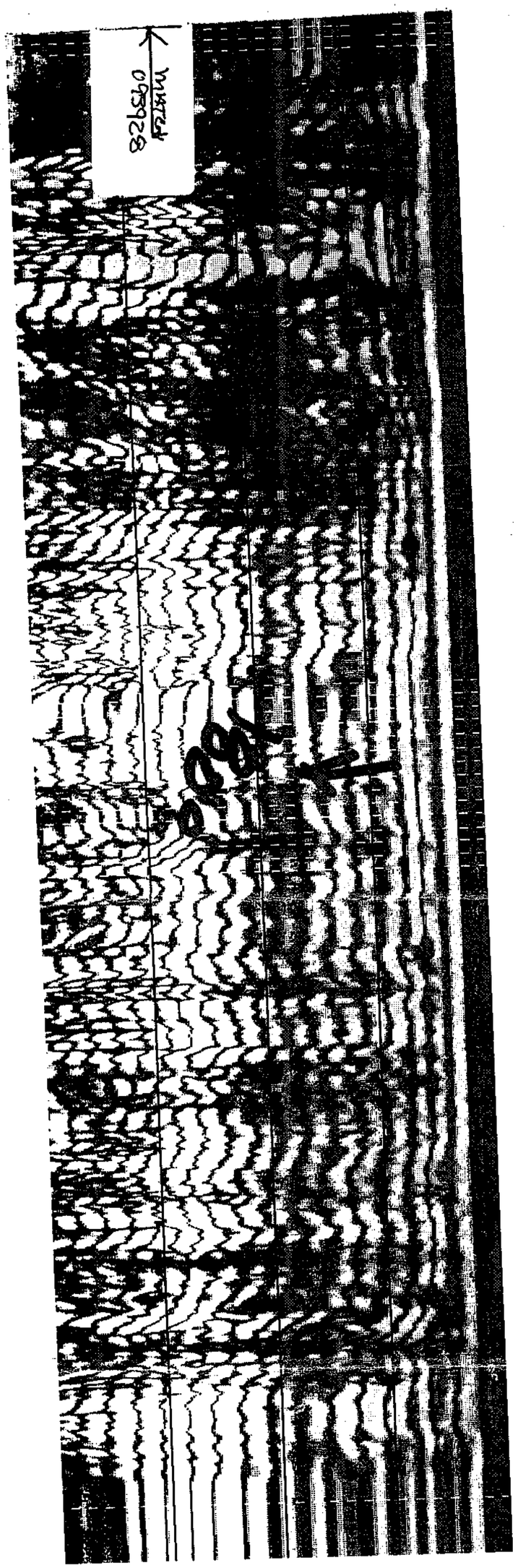
Table #6; Transform #1



1.685m 1.124m 0.562m

0.000m

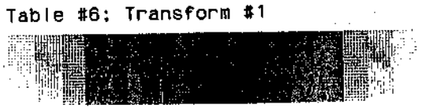




RAM(12/03/99 09:39:28) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

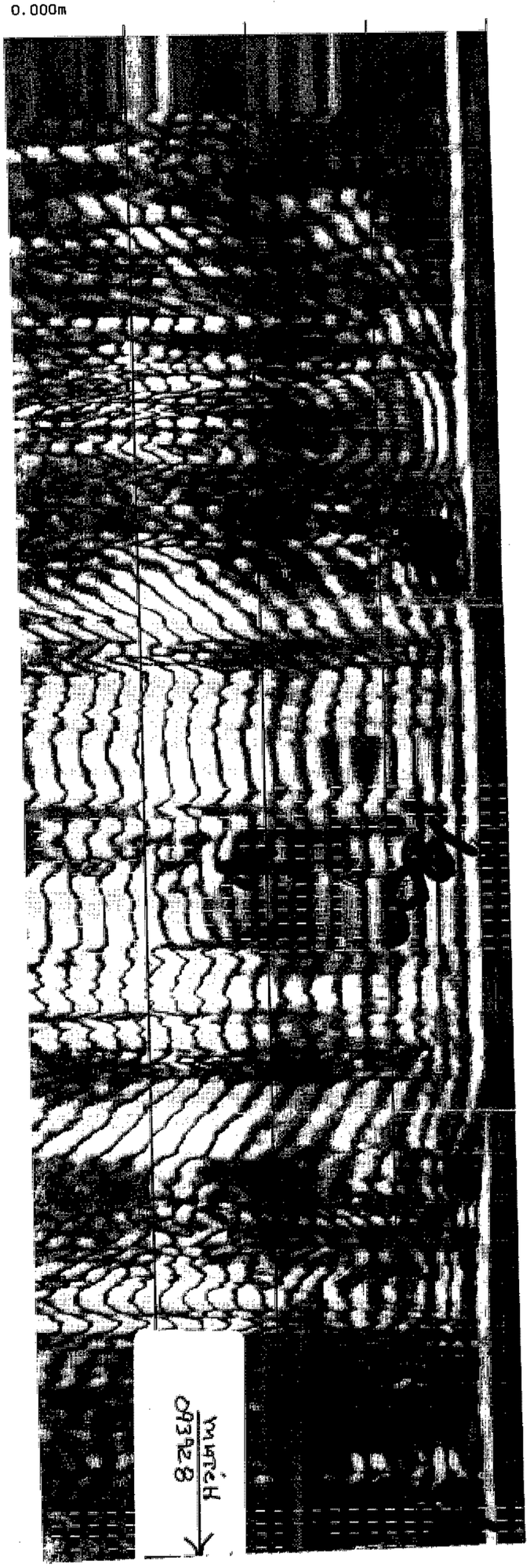
Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

Table #6: Transform #1



1.685m 1.124m 0.562m

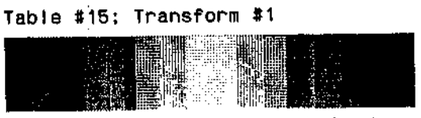
0.000m



RAM(12/03/99 10:03:52) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

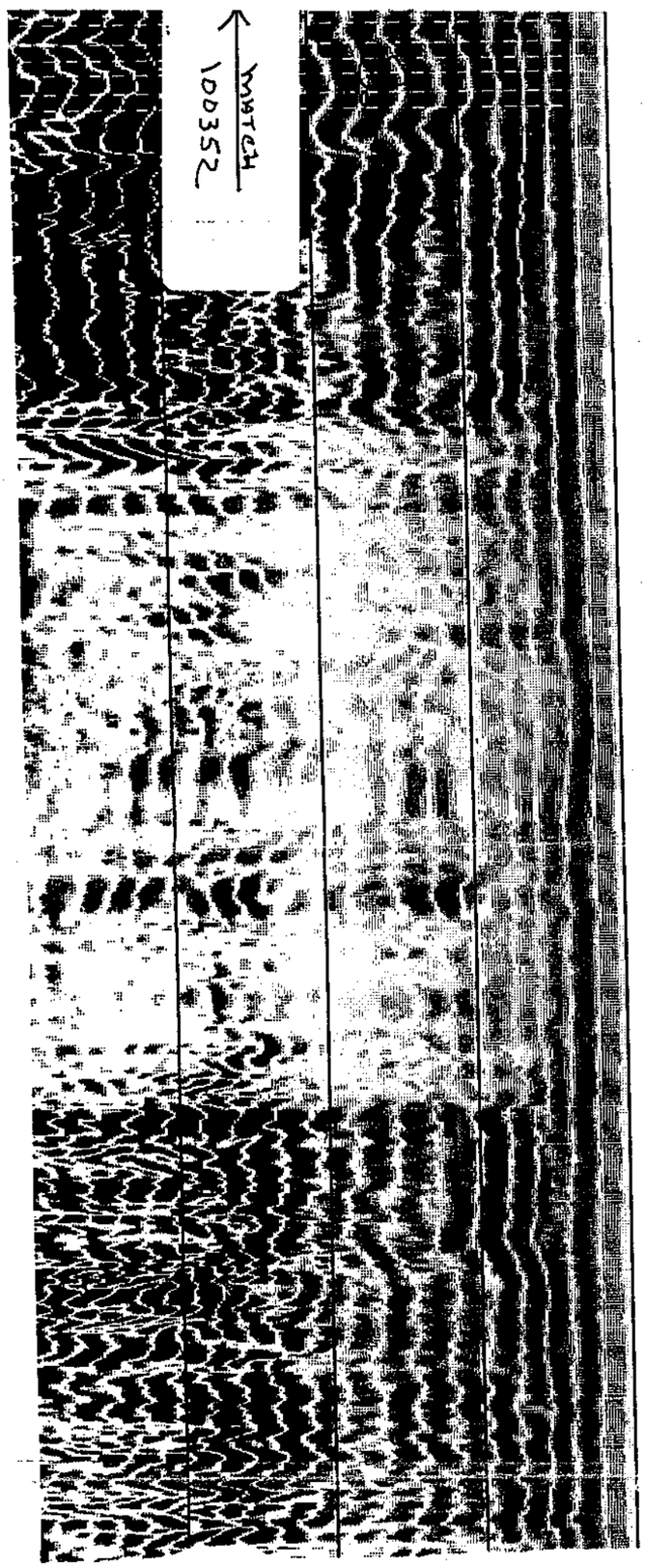
Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

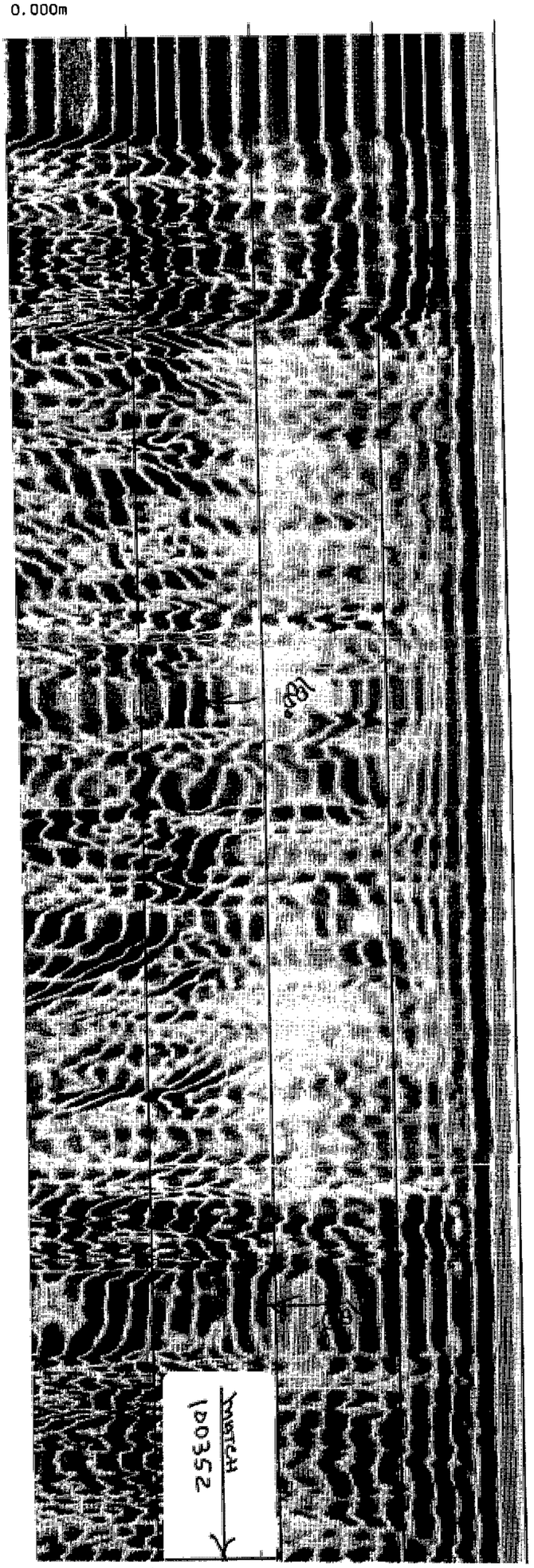
Table #15: Transform #1



1.685m 1.124m 0.562m

0.000m





RAM(12/03/99 10:05:52) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

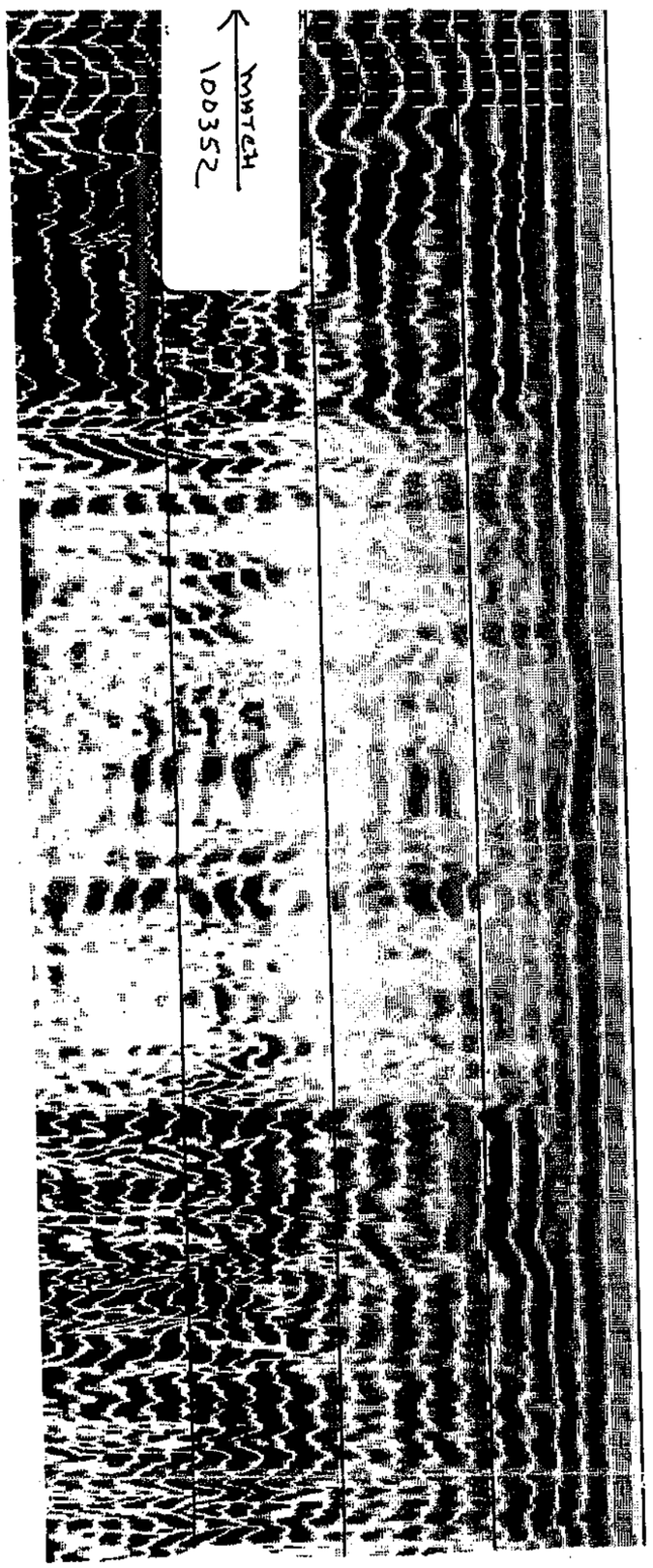
Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

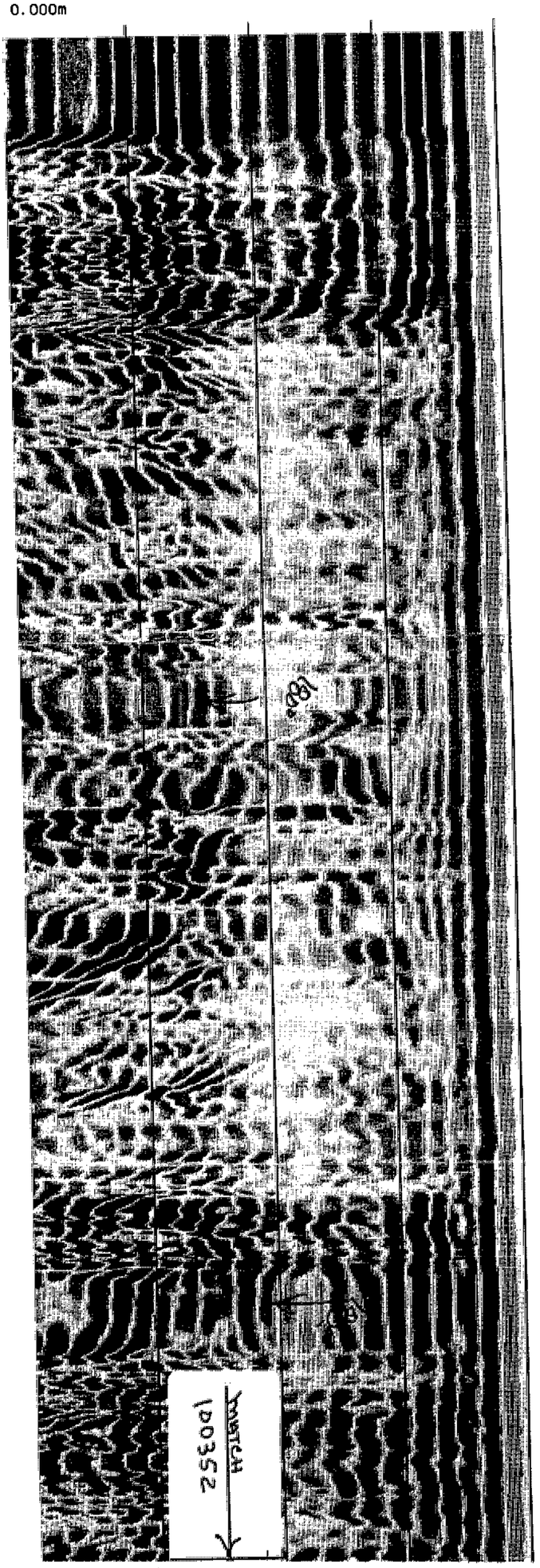
Table #15; Transform #1

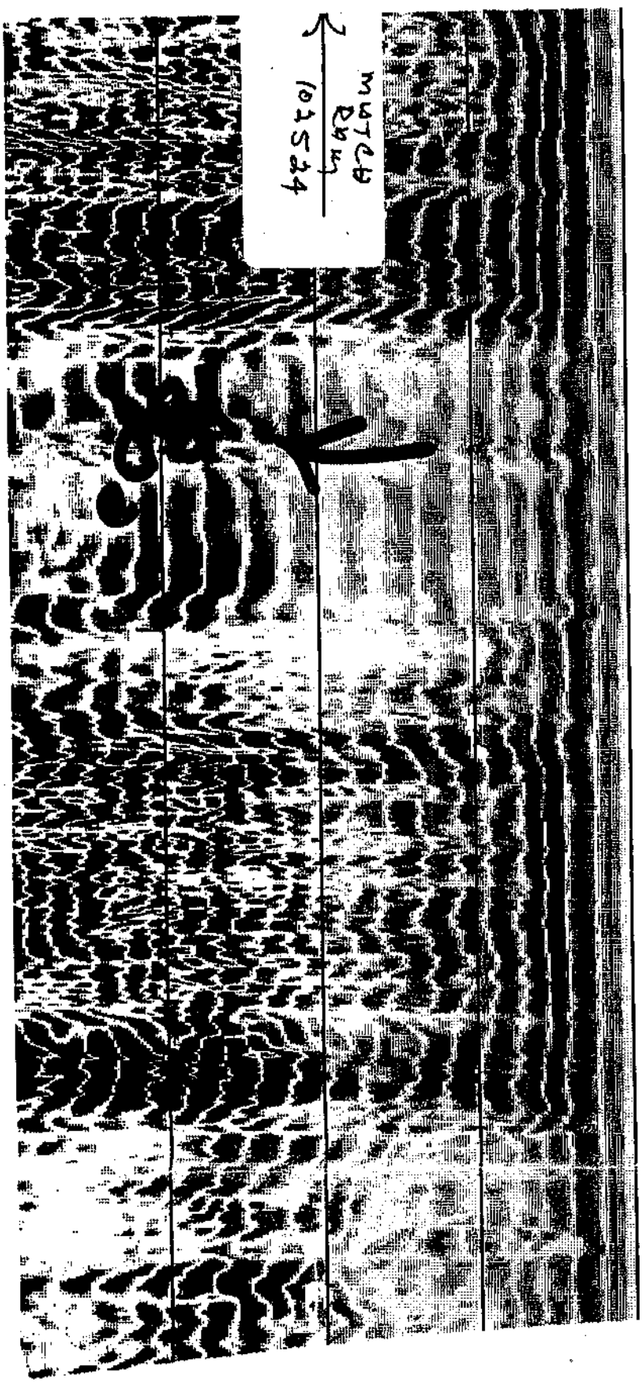


1.685m 1.124m 0.562m

0.000m







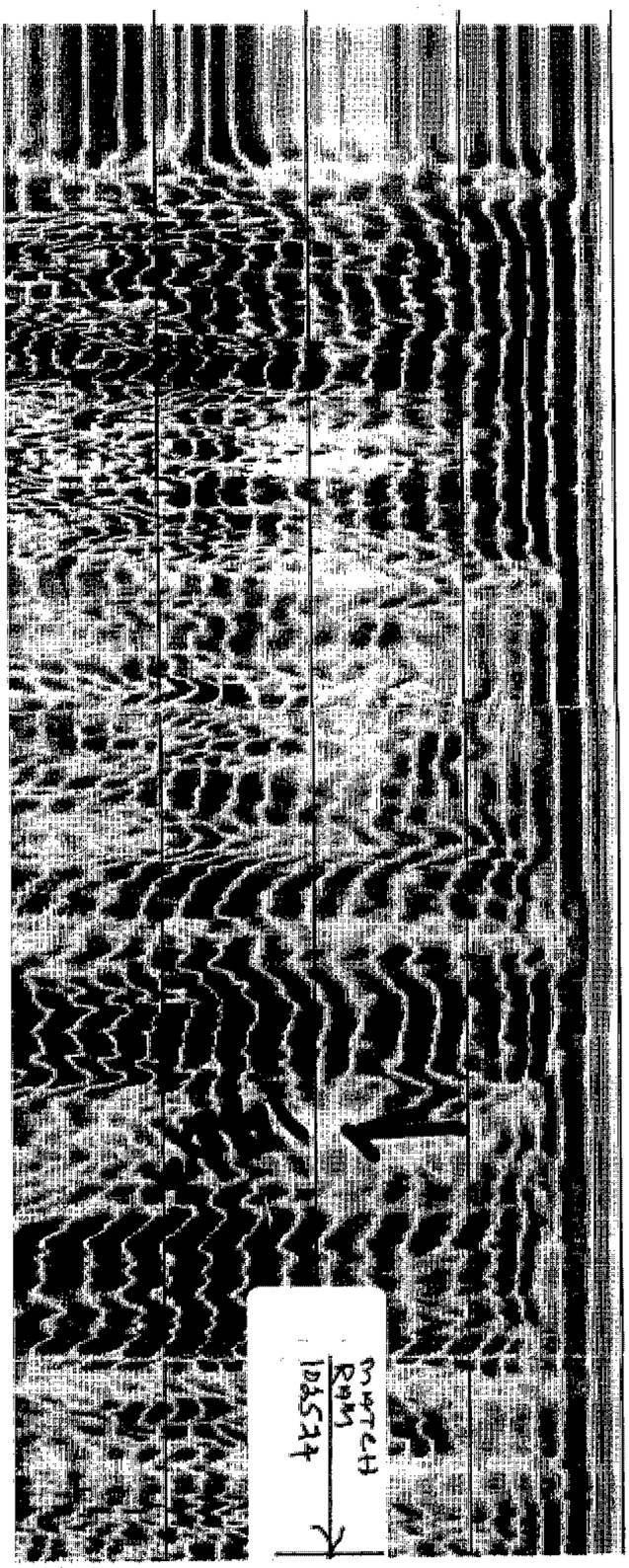
RAM(12/03/99 10:25:24) Samp/Scan 512
Scan/Sec 32.0 Bits: 8
Dielectric: 5.00

Position: 0.0nS Range: 33.5nS
Range Gain -6 24 49 56
V(IIR LP N=1 F=1568)
V(IIR HP N=2 F=98)
H(IIR STK TC=3)

Table #15; Transform #1



1.685m 1.124m 0.562m
0.000m



5.0 ACQUIRING PROCEDURES

The acquiring of data from the field for the location and orientation of suspected underground storage tanks, utilities or utilities within concrete slab, rebar location, grave sites and other specific anomalies has been established by the *ground penetrating radar industry* for over the past 15 years. During an investigation, a *cross-section* of the area being surveyed is permanently documented on one of the following:

1. Magnetic, cassette tape
2. MiniDisc
3. SIR-2000 hard drive
4. Profiles produced on site with a T-104 graphic printer.

We do not record every traverse since most of the information viewed on our television monitor is related to the previous traverse. Traverses (i.e. profiles) are monitored on a constant basis and when there is a significant change or a feature that might be *out of place*, this pertinent information is then recorded. This method has been an industry standard. When we are investigating for the presence of absence of utilities, it is not the practice of taking profiles of every rock, boulder, stratification line, etc., since none of these features are related to that of the utility. When there is a change or when there is suspicion of a anomaly, documentation must be made available to our customer.

During the start of all surveys, site characteristics and features must be documented to set the standard for that particular site, soil condition, conductive features, etc. While the survey is being conducted, there are periodic documentation's which are used as a permanent visual comparison to confirm the standard of that site. When a feature enters the monitor that is " out of place" as a utility, documentation at this point also must be taken. Monitor profiles that are not pertinent to that of the object we are looking for are not always documented. ALL pertinent hyperbolic features or interfacing that may be related to the utility have been documented. After the completion of our survey, it must be reasonably assured that the information is a true cross section of the project and the information obtained is accurate according to our best professional efforts.

REPORT NOTES

DATE _____

DATE _____

DATE: _____

DATE: _____

DATE: _____

LMS Test Boring Log

	Boring No.: S-01
	Sheet 1 of 1
Project Name: North First Street	**Project No.:** 115193
Client: Con Ed	**Date:** Start 12/09/99
Driller: LMS	Finish 12/09/99
Drilling Method: AMS Power Probe	**Total Depth:** 20'
Boring Location: Southwest side of the parking area off Kent Avenue.	**Depth To Water:**
Fourteen feet from the west fence and 15 feet from the Con Ed building.	**Surf. Elevation:**
Logged By: John Nixon	**Hole Diameter:** 2"
Monitoring Instrument(s): LMS Hnu #001	

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
4-8'					3.1'	1	Yes	0-.5' black ash and black cinders .5'-.7' white pasty unknown substance .7'-1.4' brown silty soil 1.4'-1.5' black ash 1.5'-3.1' brown silty soil no odors	S-01B sample taken
8-12'					3.2'	500	Yes	0-.1' brown silty soil .1'-.2' gravel .2'-1.5' brown silty soil, some black ash 1.5'-1.8' black silty soil 1.8'-2.8' brown silty soil 2.8-3.2 black silty soil	S-01C sample taken This is the top of the contamination 500 on the Hnu 200-300 250-350
12-16'					4'	500	Yes	0-.4' black silt .4'-1.3' brown silty soil 1.3-4' orange brown silty clay	S-01D sample taken 500 on the HNu +20 5-20
16-20'					3.7'	20	Yes	0-3.7' orange brown silt and clay, some m sand	S-01E sample taken 5-20 on the Hnu W-01 water sample was collected from 28' The actual water table is hard to determine due to the impermeable lithology. The hole was grouted up with bentonite.

LMS Test Boring Log

	Boring No.: S-02
	Sheet 1 **of** 1
Project Name: North First Street	**Project No.:** 115193
Client: Con Ed	**Date:** Start 12/10/99
Driller: LMS	Finish 12/10/99
Drilling Method: AMS Power Probe	**Total Depth:** 16'
Boring Location: Southwest side of the parking area off Kent Avenue, next to building with the leaking solvents. The location is 48 feet from the back fence and 2 feet from the south wall	**Depth To Water:**
	Surf. Elevation:
Logged By: John Nixon	**Hole Diameter:** 2"
Monitoring Instrument(s): Hnu	

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
0-4'						1		0-.3' asphalt .3'-1' brown silty soil and black ash 1'-3' brown silty soil, some red brick, some cobbes, some black ash 3'-4' black ash and brown silty soil	S-02A wall scrape S-02B sample taken
4-8'					2'	1		0-.1' black ash .1'-2' brown silty soil	S-02C sample taken
8-12'					1.6'	500		0-1.6' brown silt, little concrete moist	500 on the HNu S-02D
12-16'					4'	750		0-.8' brown silty compact soil ← .8'-1.9' orange brown clay and silt 1.9' black ash 1.9'-4' orange brown clay and silt	750 on the Hnu W-02 water sample was collected from 32' The actual water table is hard to determine due to the impermeable lithology. The hole was grouted up with bentonite.

LMS Test Boring Log

	Boring No.: S-03
	Sheet 1 **of** 1
Project Name: North First Street	**Project No.:** 115193
Client: Con Ed	**Date:** Start 12/10/99
Driller:	Finish 12/10/99
Drilling Method: AMS Power Probe	**Total Depth:** 16'
Boring Location: Northeast side of the parking area off Kent Avenue. Next to the Con Ed building. 47 feet from the west fence and two feet from the Con Ed building.	**Depth To Water:**
	Surf. Elevation:
Logged By: John Nixon	**Hole Diameter:** 2"

Monitoring Instrument(s): Hnu LMS #001

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
4-8'					1.7'			0-.4' burnt wood and black ash .4-1.7' brown silty soil, some 1/2' gravel, no odor	S-03B sample taken
8-12'					3.2'			0-1.2' black ash 1.2'-3.2' brown silty soil, some c sand	S-03C sample taken 50 on Hnu from 11.1'-11.9'
12-16'					3.9'			0-.9' brown silty soil micacous at .9' .9'-2' brown silty soil some 1/2" gravel 2'-2.8' red vf sand negative HNu readings, wet 2.8'-3.9' orange brown compact caly and silt, little c sand	S-03D sample taken 200 on the Hnu

LMS Test Boring Log

	Boring No.: S-04
	Sheet 1 **of** 1
Project Name: North First Street	**Project No.:** 115193
Client: Con Ed	**Date:** Start 12/10/99
Driller:	Finish 12/10/99
Drilling Method: AMS Power Probe	**Total Depth:** 20'
Boring Location: Right before the gate entrance to the parking lot. Four feet before the entrance to the gate and 13 feet from the Con Ed building to the north.	**Depth To Water:**
	Surf. Elevation:
Logged By: John Nixon	**Hole Diameter:** 2"
Monitoring Instrument(s): Hnu LMS #001	

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
4-8'					3'	1	Yes	0-.9' red brown f sand .9'-1.3' brown silt moist 1.3'-1.8' red brown f sand 1.8'-3' brown silty soil, trace gravel	S-04B sample taken
8-12'					3.2'	10	Yes	0-.3' brown red f sand .3'-.5' brown vf sand .5'-.7' red f sand .7'-3' red brown vf sand loose 3-3.2' brown vf sand loose ←	S-04C sample taken 5-10 on the Hnu
12-16'					3.3'	650	Yes	0-.4' brown f sand .4'-.6' brown silty soil .6'-2.5' orange brown silt and sand 2.5-3.3' black f sand ←	S-04D sample taken 650 on the Hnu
16-20'					4'	500	Yes	0-1.7' red brown f-m sand 1.7'-2.1' grey f sand 2.1'-4' grey compact silty clay ←	S-04E sample taken 500 on the Hnu The W-04 water sample consisted of 3 x 40mL vials collected for VOCs at a depth of 28 feet. Water was difficult to retrieve due to the impermeable lithology.

LMS Test Boring Log

Project Name: North First Street	**Boring No.:** S-05
Client: Con Ed	**Sheet** 1 **of** 1
Driller:	**Project No.:** 115193
Drilling Method: AMS Power Probe	**Date:** Start 12/08/99
Boring Location: South of the 110 foot diameter metal tank on the pfizer property.	Finish 12/08/99
32 feet from the south fence and 22 feet from the east fence,	**Total Depth:** 8'
Logged By: John Nixon	**Depth To Water:**
Monitoring Instrument(s): LMS Hnu #001	**Surf. Elevation:**
	Hole Diameter: 2"

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
0-4'					4'	1	Yes	0-1.4' brown silty soil 1.4'-2' concrete 2'-3' black and grey ash, some cobbles 3'-4' orange brown silty soil 0-1.4' orange brown silty soil no odors	S-05A sample taken
4-8'					1.5'	1	Yes	1.4'-1.5' black ash fill Refusal @ 8'	S-05B sample taken

LMS Test Boring Log

Project Name: North First Street	**Boring No.:** S-06
Client: Con Ed	**Sheet** 1 **of** 1
Driller:	**Project No.:** 115193
Drilling Method: AMS Power Probe	**Date:** Start 12/03/99
Boring Location: North corner of the Pfizer property. 50 feet from the north fence and 20 feet from the concrete footing (next to the poor timber bulkhead0.	Finish 12/06/99
Logged By: John Nixon	**Total Depth:** 8'
Monitoring Instrument(s): Hnu LMS #001	**Depth To Water:** 4'
	Surf. Elevation:
	Hole Diameter: 2"

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
3.5'-4'					.5'	1	Yes	0-.5' brown silty soil, some white ash, some gravel 1" to 3" in diameter	
4'-8'					.6'	1	Yes	0-.6' black soupy silt and gravel	Composite sample taken from 3.5'-8' (S-06B)
									Sample was homogenized in a stainless steel bowl with a stainless steel spoon. S-06 was a water sample but should be W-06. Water was collected at a depth of 12 feet below grade.

LMS Test Boring Log

Project Name: North First Street	**Boring No.:** S-08
Client: Con Ed	**Sheet** 1 **of** 1
Driller:	**Project No.:** 115193
Drilling Method: AMS Power Probe	**Date:** Start 12/06/99
Boring Location: On the pfizer property north of the 110 foot diameter metal tank	Finish 12/06/99
19 feet from the steps of the sulfuric burm and 34 feet from the 110 foot diameter tank.	**Total Depth:** 12 feet
Logged By: John Nixon	**Depth To Water:**
Monitoring Instrument(s): LMS Hnu #001	**Surf. Elevation:**
	Hole Diameter: 2"

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
0-4'						1	Yes	0-.5' cobbles .5'-4.5' yellow brown silt and m-f sand and large cobbles 3"-2'	S-08A sample taken
4-8'					2.9'	1	Yes	0-1.6' m-f brown sand 1.6'-2.9' f yellow brown silt, some gravel .25" - .75" unsorted soil is moist no odor	S-08B sample taken
8-12'					3	1	Yes	0-1.2' f yellow brown silt, and f-m yellow brown sand 1.2'-3' dark brown f-m sand	S-08C sample taken The W-08 water sample was collected at 20 feet below grade,and down gradient of the sulfuric tank.

LMS Test Boring Log

	Boring No.: S-09
	Sheet 1 of 1
Project Name: North First Street	**Project No.:** 115193
Client: Con Ed	**Date:** Start 12/06/99
Driller:	Finish 12/06/99
Drilling Method: AMS Power Probe	**Total Depth:** 8 feet
Boring Location: Located in the east corner of the pfizer property. 51 feet from the east fence and 21.5 feet from the north fence.	**Depth To Water:**
	Surf. Elevation:
Logged By: John Nixon	**Hole Diameter:** 2"
Monitoring Instrument(s): Hnu LMS #001	

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
0-4'						1		0-.8' brown sandy silty soil, some gravel 1" - 2" .8'-3' black ash, some white ash, little brown f sand 3'-4' brown f sandy silty soil, some gravel .5" - 2"	S-09A sample taken
4'-8'					2.5'			0-1.7' grey black ash and brown silty soil 1.7'-2.5' brown silty sandy soil, some 1"-2" gravel	S-09B sample taken

LMS Test Boring Log

	Boring No.: S-10
	Sheet 1 **of** 1
Project Name: North First Street	**Project No.:** 115193
Client: Con Ed	**Date:** Start 12/08/99
Driller:	Finish 12/08/99
Drilling Method: AMS Power Probe	**Total Depth:**
Boring Location: On North First Street west of River Street. 89 feet from the west fence and 3.5 feet from the two story high steel storage tank.	**Depth To Water:** 8.5'
	Surf. Elevation:
Logged By: John Nixon	**Hole Diameter:** 2"
Monitoring Instrument(s): LMS Hnu #001	

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
0-4'						1		0-.1' gravel .1'-1.6' black ash and brown silty soil	S-10A sample taken, wall scrape S-10B sample
4'-8'					3'	1		0-3' orange brown silty soil, more silty thatn the above sample no odors	taken S-10C sample
8-12'								0-4' orange brown silty soil	taken

LMS Test Boring Log

Boring No.: S-11
Sheet 1 of 1
Project Name: North First Street
Project No.: 115193
Client: Con Ed
Date: Start 12/08/99
Finish 12/08/99
Driller:
Drilling Method: AMS Power Probe
Total Depth: 8 feet
Boring Location: On Metropolitan Avenue west of River Street. 47 feet west of the River Street curb and 11 feet north of the two story steel tank located to the south.
Depth To Water:
Surf. Elevation:
Logged By: John Nixon
Hole Diameter: 2"
Monitoring Instrument(s): Hnu LMS #001

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
0-4'						1	Yes	0-.2 gravel .2'-.5' crushed grey ash .5'-1' brown silty soil 1'-1.2' yellow brown silty soil 1.2'-1.3' black silty soil and ash 1.3'-4' brown silty soil, little gravel	S-11A sample taken, wall scrape S-11B sample
4-8'					2.5'			0-1.4' brown silty soil, wet 1.4'-2.5' vf silty soil moist	taken

LMS Test Boring Log

	Boring No.: B-12
	Sheet 1 of 1
Project Name: North First Street	**Project No.:** 115193
Client: Con Ed	**Date:** Start 12/08/99
Driller:	Finish 12/08/99
Drilling Method: AMS Power Probe	**Total Depth:** 8'
Boring Location: On Metropolitan Avenue west of River Street. 13 feet north of the two story high steel tank in the south and 79 feet from the west fence.	**Depth To Water:** 3.97'
	Surf. Elevation:
Logged By: John Nixon	**Hole Diameter:** 2"

Monitoring Instrument(s): Hnu LMS #001

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
0-4'						1	Yes	0-.3'gravel .3'-.9' brown silty soil and gravel .9'-1.2' brown f sand and concrete 1.2'-1.5' grey ash 1.5'-1.8' white and grey ash 1.8'-2.3' black ash some black silty soil 2.3'-3' grey ash, some cinders 3'-4' wet brown silty soil, some gravel 0-1' brown silty soil and gravel	S-12A sample taken
4-8'						1	Yes	1'-1.3' burnt wood 1.3'-2.2' brown silty soil, trace of gravel 2.2'-3' f brown silty soil	S-12B sample taken

LMS Test Boring Log

Project Name: North First Street	**Boring No.:** S-13
Client: Con Ed	**Sheet** 1 **of** 1
Driller:	**Project No.:** 115193
Drilling Method: AMS Power Probe	**Date:** Start 12/06/99
Boring Location: On Metropolitan Avenue west of River Street. 11 feet south of the two story steel tank to the north and 111 feet from the fence to the west.	Finish 12/06/99
Logged By: John Nixon	**Total Depth:** 8 feet
Monitoring Instrument(s): Hnu LMS #001	**Depth To Water:**
	Surf. Elevation:
	Hole Diameter: 2"

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained		Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
4'-8'					3.1'				0-3.1' brown silty soil, some 1" - 1.5" gravel, trace of ash	S-13B sample taken

LMS Well Sampling Log

Date: 11/30/1999
Crew: JN,DK
Job No: 115-193
Project: North First Street
Project Site: North First Street

METERS USED

Temp.: TLC#10
pH: 98-9
Cond.: TLC#10
Turb.: NA

Well ID No.: MW-1
Well Condition: good
Well Depth/Diameter: 23 feet/ 4 inch
Well Casing Type: PVC
Screened Interval: 5 feet - 23 feet
Casing Ht./Lock No.: NA
Reference Pt.: top of PVC
Depth to Water (DTW): 8.4 feet
Water Column Ht./Vol.: 14.6 feet
Purge Est.: 54.3 gallons
Purge Method(s): 2 inch submersable
Purge Date/Time(s): 11/30/99 1527-1549

Depth(s): lowered pump as water column decreased
Rates (gpm): 2 gpm
Purged Volume: 32 gallons
DTW After Purging: purged dry @ 26 gallons
Yield Rate: L - M - H M
Purge Observations:

DTW Before Sampling:
Sample Date/Time: 11/30/99/1600
Sampling Method: disposable teflon bailer
Sampling Depth(s):
DTW After Sampling:
Chain-of-Custody No.(s):
Analytical Lab(s):
Sampling Observations:

SAMPLE CHEMISTRIES

	Temp. (°C)	pH	Sp. Cond.	Turb.
Start	17.6	7.1	2240	
End	16.6	7.1	1966	

SAMPLE ANALYSES

Parameters	Inv. No.	Pres. Meth.	Filter

PURGE CHEMISTRIES

Vol.	Temp. (°C)	pH	Sp. Cond.	Turb.
0	16	6.9	1469	NA
6	17	7.1	1152	NA
14	18	7.1	1551	NA
20	18	7.1	2070	NA
27	18	7.1	2160	NA

Comments:
well went dry at 26 gallons.
put purge water in a drum

Air Temp: 40s and windy on the water
Weather Conditions:

Crew Chief Signature _____ Date: _____

LMS Well Sampling Log

Date: 11/30/1999
Crew: DK,JN
Job No: 115-193
Project: North First Street
Project Site: North First Street

METERS USED
Temp.: TLC#10
pH: 98-9
Cond.: TLC#10
Turb.: NA

Well ID No.: MW-2
Well Condition: good
Well Depth/Diameter: 19.5 feet/ 4 inch
Well Casing Type: PVC
Screened Interval: 19.5 feet - 4.5 feet
Casing Ht./Lock No.: NA
Reference Pt.: Top of PVC
Depth to Water (DTW): 7.4 feet
Water Column Ht./Vol.: 12.1 feet/
Purge Est.: 45 gallons
Purge Method(s): 2 inch submersable
Purge Date/Time(s): 11/30/1999

Depth(s):
Rates (gpm):
Purged Volume:
DTW After Purging:
Yield Rate: L
Purge Observations:

DTW Before Sampling:
Sample Date/Time: 11/30/1999/1100
Sampling Method: disposable teflon bailer
Sampling Depth(s):
DTW After Sampling:
Chain-of-Custody No.(s):
Analytical Lab(s):
Sampling Observations:

SAMPLE CHEMISTRIES

	Temp. (°C)	pH	Sp. Cond.	Turb.
Start	18.2	7.5	683	
End	17.8	7.6	689	

SAMPLE ANALYSES

Parameters	Inv. No.	Pres. Meth.	Filter

PURGE CHEMISTRIES

Vol.	Temp. (°C)	pH	Sp. Cond.	Turb.	
0	17	7.5	664	NA	
4	18	7.6	669	NA	pumped dry 1st time
9	18	7.6	689	NA	
11	18	7.6	687	NA	pumped dry 2nd time

Comments:

Air Temp: 50s
Weather Conditions:

Crew Chief Signature _____ Date: 11/30/1999

LMS Well Sampling Log

Date: 12/8/1999
Crew: DK,JN
Job No: 115-193
Project: North First Street
Project Site: North First Street

METERS USED

Temp.: TLC#10
pH: 98-9
Cond.: TLC#10
Turb.: NA

Well ID No.: MW-3
Well Condition: good
Well Depth/Diameter: 14 feet/ 4 inch
Well Casing Type: PVC
Screened Interval: 14 feet - 4 feet
Casing Ht./Lock No.: NA
Reference Pt.: Top of PVC
Depth to Water (DTW): 2.88 feet
Water Column Ht./Vol.: 11.12 feet
Purge Est.: 41.4 gallons
Purge Method(s): 2 inch submersable
Purge Date/Time(s): 12

Depth(s):
Rates (gpm):
Purged Volume:
DTW After Purging:
Yield Rate: L - M - H
Purge Observations:

DTW Before Sampling:
Sample Date/Time: 12/08/99 / 1500
Sampling Method: disposable teflon bailer
Sampling Depth(s):
DTW After Sampling:
Chain-of-Custody No.(s):
Analytical Lab(s):
Sampling Observations:

SAMPLE CHEMISTRIES

	Temp. (°C)	pH	Sp. Cond.	Turb.
Start				
End				

SAMPLE ANALYSES

Parameters	Inv. No.	Pres. Meth.	Filter

PURGE CHEMISTRIES

Vol.	Temp. (°C)	pH	Sp. Cond.	Turb.
0	13	6	3.36	200+
3	14	5.9	4.13	200+
10	14	5.9	2.07	200+
18	14	5.9	2.06	200+

Comments:
Bentonite covering the pull cap.
Only 14 feet to the bottom of the well, log indicates 20 feet.

Air Temp:
Weather Conditions:

Crew Chief Signature _____ Date: _____

LMS Well Sampling Log

Date: 11/30/1999
Crew: DK,JN
Job No: 115-193
Project: North First Street
Project Site: North First Street

METERS USED

Temp.: TLC#10
pH: 98-9
Cond.: TLC#10
Turb.: NA

Well ID No.: MW-4
Well Condition: good
Well Depth/Diameter: 26.4 feet/ 4 inch
Well Casing Type: PVC
Screened Interval: 26.4 feet -11.4 feet
Casing Ht./Lock No.: NA
Reference Pt.: Top of PVC
Depth to Water (DTW): 11.9 feet
Water Column Ht./Vol.: 14.5 feet
Purge Est.: 54 gallons
Purge Method(s): 2 inch submersable
Purge Date/Time(s): 11/30/1999/1235

Depth(s):
Rates (gpm):
Purged Volume:
DTW After Purging:
Yield Rate: L - M - H
Purge Observations:

DTW Before Sampling:
Sample Date/Time: 11/30/99 /1315
Sampling Method: disposable teflon bailer
Sampling Depth(s):
DTW After Sampling:
Chain-of-Custody No.(s):
Analytical Lab(s):
Sampling Observations:

SAMPLE CHEMISTRIES

	Temp. (°C)	pH	Sp. Cond.	Turb.
Start	17.7	7.4	1842	
End	17.5	7.3	1810	

SAMPLE ANALYSES

Parameters	Inv. No.	Pres. Meth.	Filter

PURGE CHEMISTRIES

Vol.	Temp. (°C)	pH	Sp. Cond.	Turb.
0	17	7.4	1532	NA
3	19	7.6	1593	NA
6	18	7.6	1734	NA
10	19	7.6	1813	NA
15	18	7.6	1896	NA
20	18	7.6	1904	NA
29	18	7.6	1910	NA

Air Temp: 40s
Weather Conditions:

We also sampled for the MS,MSD no noticeable odors.
Purge water placed in 55 gallon drums.

Crew Chief Signature _____ Date: _____

PHASE II SITE INVESTIGATION REPORT
FORMER NORTH FIRST STREET OIL STORAGE TERMINAL

SITE INVESTIGATION REPORT
PHASE II ENVIRONMENTAL SITE ASSESSMENT
FORMER NORTH FIRST STREET OIL STORAGE TERMINAL
BLOCK 2362, LOT 3 & BLOCK 2376, LOT 6, 214 KENT AVENUE
BROOKLYN, NEW YORK

VOLUME 2 of 2
(APPENDIX D – LABORATORY REPORTS)

Prepared for

Consolidated Edison Company of New York, Inc.
Long Island City, New York

Prepared by

LMS Engineers, LLP
Pearl River, NY

January 14, 2000

Appendix D
Geologic Logs of Boreholes

LMS Test Boring Log

Boring No.: S-01	
Sheet 1 **of** 1	
Project Name: North First Street	**Project No.:** 115193
Client: Con Ed	**Date:** Start 12/09/99
Driller: LMS	Finish 12/09/99
Drilling Method: AMS Power Probe	**Total Depth:** 16'
Boring Location:	**Depth To Water:**
Coordinates:	**Surf. Elevation:**
Logged By: John Nixon	**Hole Diameter:**

Monitoring Instrument(s): LMS Hnu #001

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material	Remarks
								f - fine; m - medium; c - coarse; and - 35-50%; some - 20-35%; little - 10-20%; trace - 0-10%	
4-8'					3.1'	1	Yes	0-.5' black ash and black cinders .5'-.7' white pasty unknown substance .7'-1.4' brown silty soil 1.4'-1.5' black ash 1.5'-3.1' brown silty soil no odors	S-01B sample taken
8-12'					3.2'	500	Yes	0-.1' brown silty soil .1'-.2' gravel .2'-1.5' brown silty soil, some black ash 1.5'-1.8' black silty soil 1.8'-2.8' brown silty soil 2.8-3.2 black silty soil	S-01C sample taken This is the top of the contamination 500 on the Hnu 200-300 250-350
12-16'					4'	500	Yes	0-.4' black silt .4'-1.3' brown silty soil 1.3-4' orange brown silty clay	S-01D sample taken 500 on the HNu +20 5-20
16-20'					3.7'	20	Yes	0-3.7' orange brown silt and clay, some m sand	S-01E sample taken 5-20 on the Hnu

LMS Test Boring Log

Project Name: North First Street	**Boring No.:** S-02
Client: Con Ed	**Sheet** 1 **of**
Driller: LMS	**Project No.:** 115193
Drilling Method: AMS Power Probe	**Date:** Start 12/10/99
Boring Location:	Finish 12/10/99
Coordinates:	**Total Depth:**
Logged By: John Nixon	**Depth To Water:**
Monitoring Instrument(s): Hnu	**Surf. Elevation:**
	Hole Diameter:

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
0-4'						1		0-.3' asphalt .3'-1' brown silty soil and black ash 1'-3' brown silty soil, some red brick, some cobbes, some black ash 3'-4' black ash and brown silty soil	S-02A wall scrape S-02B sample taken
4-8'					2'	1		0-.1' black ash .1'-2' brown silty soil	S-02C sample taken
8-12'					1.6'	500		0-1.6' brown silt, little concrete moist	500 on the HNu S-02D
12-16'					4'	750		0-.8' brown silty compact soil ← .8'-1.9' orange brown clay and silt 1.9' black ash 1.9'-4' orange brown clay and silt	750 on the Hnu

LMS Test Boring Log

	Boring No.: S-03
	Sheet 1 **of 1**
Project Name: North First Street	**Project No.:** 115193
Client: Con Ed	**Date:** Start 12/10/99
Driller:	Finish 12/10/99
Drilling Method: AMS Power Probe	**Total Depth:**
Boring Location:	**Depth To Water:**
Coordinates:	**Surf. Elevation:**
Logged By: John Nixon	**Hole Diameter:**
Monitoring Instrument(s): Hnu LMS #001	

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
4-8'					1.7'			0-.4' burnt wood and black ash .4-1.7' brown silty soil, some 1/2' gravel, no odor	S-03B sample taken
8-12'					3.2'			0-1.2' black ash 1.2'-3.2' brown silty soil, some c sand	S-03C sample taken 50 on Hnu from 11.1'-11.9'
12-16'					3.9'			0-.9' brown silty soil micacous at .9' .9'-2' brown silty soil some 1/2" gravel 2'-2.8' red vf sand negative HNu readings, wet 2.8'-3.9' orange brown compact caly and silt, little c sand	S-03D sample taken 200 on the Hnu

LMS Test Boring Log

	Boring No.: S-04
	Sheet 1 **of** 1
Project Name: North First Street	**Project No.:** 115193
Client: Con Ed	**Date:** Start 12/10/99
Driller:	Finish 12/10/99
Drilling Method: AMS Power Probe	**Total Depth:**
Boring Location:	**Depth To Water:**
Coordinates:	**Surf. Elevation:**
Logged By: John Nixon	**Hole Diameter:**

Monitoring Instrument(s): Hnu LMS #001

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
4-8'					3'	1	Yes	0-.9' red brown f sand .9'-1.3' brown silt moist 1.3'-1.8' red brown f sand 1.8'-3' brown silty soil, trace gravel	S-04B sample taken
8-12'					3.2'	10	Yes	0-.3' brown red f sand .3'-.5' brown vf sand .5'-.7' red f sand .7'-3' red brown vf sand loose 3-3.2' brown vf sand loose ←	S-04C sample taken 5-10 on the Hnu
12-16'					3.3'	650	Yes	0-.4' brown f sand .4'-.6' brown silty soil .6'-2.5' orange brown silt and sand 2.5-3.3' black f sand ←	S-04D sample taken 650 on the Hnu
16-20'					4'	500	Yes	0-1.7' red brown f-m sand 1.7'-2.1' grey f sand 2.1'-4' grey compact silty clay ←	S-04E sample taken 500 on the Hnu

LMS Test Boring Log

	Boring No.: S-05
	Sheet 1 **of**
Project Name: North First Street	**Project No.:** 115193
Client: Con Ed	**Date:** Start 12/08/99
Driller:	Finish 12/08/99
Drilling Method: AMS Power Probe	**Total Depth:** 8'
Boring Location:	**Depth To Water:**
Coordinates:	**Surf. Elevation:**
Logged By: John Nixon	**Hole Diameter:**
Monitoring Instrument(s):	

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
0-4'					4'	1	Yes	0-1.4' brown silty soil 1.4'-2' concrete 2'-3' black and grey ash, some cobbles 3'-4' orange brown silty soil 0-1.4' orange brown silty soil no odors	S-05A sample taken
4-8'					1.5'	1	Yes	1.4'-1.5' black ash fill Refusal @ 8'	S-05B sample taken

LMS Test Boring Log

Project Name: North First Street	**Boring No.:** S-06
Client: Con Ed	**Sheet** 1 **of**
Driller:	**Project No.:**
Drilling Method: AMS Power Probe	**Date:** Start 12/03/99
Boring Location:	Finish 12/06/99
Coordinates:	**Total Depth:**
Logged By: John Nixon	**Depth To Water:**
Monitoring Instrument(s): Hnu LMS #001	**Surf. Elevation:**
	Hole Diameter:

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material	Remarks
3.5'-4'					.5'	1	Yes	0-.5' brown silty soil, some white ash, some gravel 1" to 3" in diameter	
4'-8'					.6'	1	Yes	0-.6' black soupy silt and gravel	Composite sample taken from 3.5'-8' (S-06B)

f - fine, m - medium, c - coarse
and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%

LMS Test Boring Log

Project Name: North First Street	**Boring No.:** S-08
Client: Con Ed	**Sheet** 1 **of** 1
Driller:	**Project No.:** 115193
Drilling Method: AMS Power Probe	**Date:** Start 12/06/99
Boring Location:	Finish 12/06/99
Coordinates:	**Total Depth:**
Logged By: John Nixon	**Depth To Water:**
Monitoring Instrument(s):	**Surf. Elevation:**
	Hole Diameter:

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine; m - medium; c - coarse; and - 35-50%; some - 20-35%; little - 10-20%; trace - 0-10%)	Remarks
0-4'						1	Yes	0-.5' cobbles .5'-4.5' yellow brown silt and m-f sand and large cobbles 3"-2'	S-08A sample taken
4-8'					2.9'	1	Yes	0-1.6' m-f brown sand 1.6'-2.9' f yellow brown silt, some gravel .25" - .75" unsorted soil is moist no odor	S-08B sample taken
8-12'					3	1	Yes	0-1.2' f yellow brown silt, and f-m yellow brown sand 1.2'-3' dark brown f-m sand	S-08C sample taken

LMS Test Boring Log

Boring No.: S-09
Sheet 1 **of**

Project Name: North First Street
Project No.:
Client: Con Ed
Date: Start 12/06/99
Finish 12/06/99
Driller:
Drilling Method: AMS Power Probe
Total Depth:
Boring Location:
Depth To Water:
Coordinates:
Surf. Elevation:
Logged By: John Nixon
Hole Diameter:
Monitoring Instrument(s): Hnu LMS #001

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
0-4'						1		0-.8' brown sandy silty soil, some gravel 1" - 2" .8'-3' black ash, some white ash, little brown f sand 3'-4' brown f sandy silty soil, some gravel .5" - 2"	S-09A sample taken
4'-8'					2.5'			0-1.7' grey black ash and brown silty soil 1.7'-2.5' brown silty sandy soil, some 1"-2" gravel	S-09B sample taken

LMS Test Boring Log

	Boring No.: S-10
	Sheet 1 **of** 1
Project Name: North First Street	**Project No.:**
Client: Con Ed	**Date:** Start 12/08/99
Driller:	Finish 12/08/99
Drilling Method: AMS Power Probe	**Total Depth:**
Boring Location:	**Depth To Water:** 8.5'
Coordinates:	**Surf. Elevation:**
Logged By: John Nixon	**Hole Diameter:**
Monitoring Instrument(s):	

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine; m - medium; c - coarse; and - 35-50%; some - 20-35%; little - 10-20%; trace - 0-10%)	Remarks
0-4'						1		0-.1' gravel .1'-1.6' black ash and brown silty soil	S-10A sample taken, wall scrape S-10B sample
4'-8'					3'	1		0-3' orange brown silty soil, more silty thatn the above sample no odors	taken S-10C sample
8-12'								0-4' orange brown silty soil	taken

LMS Test Boring Log

Boring No.:	
Sheet 1 **of**	
Project Name: North First Street	**Project No.:**
Client: Con Ed	**Date:** Start
Driller:	Finish
Drilling Method: AMS Power Probe	**Total Depth:**
Boring Location:	**Depth To Water:**
Coordinates:	**Surf. Elevation:**
Logged By: John Nixon	**Hole Diameter:**
Monitoring Instrument(s): Hnu LMS #001	

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material	Remarks
								f - fine; m - medium; c - coarse; and - 35-50%; some - 20-35%; little - 10-20%; trace - 0-10%	
0-4'						1	Yes	0-.2 gravel .2'-.5' crushed grey ash .5'-1' brown silty soil 1'-1.2' yellow brown silty soil 1.2'-1.3' black silty soil and ash 1.3'-4' brown silty soil, little gravel	S-11A sample taken, wall scrape S-11B sample taken
4-8'					2.5'			0-1.4' brown silty soil, wet 1.4'-2.5' vf silty soil moist	

LMS Test Boring Log

Project Name: North First Street	**Boring No.:** B-12
Client: Con Ed	**Sheet** 1 **of**
Driller:	**Project No.:** 115193
Drilling Method: AMS Power Probe	**Date:** Start 12/08/99
Boring Location:	Finish 12/08/99
Coordinates:	**Total Depth:** 8'
Logged By: John Nixon	**Depth To Water:** 3.97'
Monitoring Instrument(s): Hnu LMS #001	**Surf. Elevation:**
	Hole Diameter:

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material (f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%)	Remarks
0-4'						1	Yes	0-.3'gravel .3'-.9' brown silty soil and gravel .9'-1.2' brown f sand and concrete 1.2'-1.5' grey ash 1.5'-1.8' white and grey ash 1.8'-2.3' black ash some black silty soil 2.3'-3' grey ash, some cinders 3'-4' wet brown silty soil, some gravel 0-1' brown silty soil and gravel	S-12A sample taken
4-8'						1	Yes	1'-1.3' burnt wood 1.3'-2.2' brown silty soil, trace of gravel 2.2'-3' f brown silty soil	S-12B sample taken

LMS Test Boring Log

Project Name: North First Street	**Boring No.:** S-13
Client: Con Ed	**Sheet** 1 **of** 1
Driller:	**Project No.:** 115193
Drilling Method: AMS Power Probe	**Date:** Start 12/06/99
Boring Location:	Finish 12/06/99
Coordinates:	**Total Depth:**
Logged By: John Nixon	**Depth To Water:**
Monitoring Instrument(s): Hnu LMS #001	**Surf. Elevation:**
	Hole Diameter:

Depth (ft)	Blows On Sampler 0"-6"	6"-12"	12"-18"	18"-24"	Recovery (ft)	Instrument Reading	Sample Retained	Classification Of Material	Remarks
4'-8'					3.1'			0-3.1' brown silty soil, some 1" - 1.5" gravel, trace of ash	S-13B sample taken

f - fine, m - medium, c - coarse; and - 35-50%, some - 20-35%, little - 10-20%, trace - 0-10%

Appendix E
LMS Well Sampling Logs

LMS Well Sampling Log

Date: 11/30/1999
Crew: JN,DK
Job No: 115-193
Project: North First Street
Project Site: North First Street

METERS USED

Temp.: TLC#10
pH: 98-9
Cond.: TLC#10
Turb.: NA

Well ID No.: MW-1
Well Condition: good
Well Depth/Diameter: 23 feet/ 4 inch
Well Casing Type: PVC
Screened Interval: 5 feet - 23 feet
Casing Ht./Lock No.: NA
Reference Pt.: top of PVC
Depth to Water (DTW): 8.4 feet
Water Column Ht./Vol.: 14.6 feet
Purge Est.: 54.3 gallons
Purge Method(s): 2 inch submersable
Purge Date/Time(s): 11/30/99 1527-1549

Depth(s): lowered pump as water column decreased
Rates (gpm): 2 gpm
Purged Volume: 32 gallons
DTW After Purging: purged dry @ 26 gallons
Yield Rate: L - M - H M
Purge Observations:

DTW Before Sampling:
Sample Date/Time: 11/30/99/1600
Sampling Method: disposable teflon bailer
Sampling Depth(s):
DTW After Sampling:
Chain-of-Custody No.(s):
Analytical Lab(s):
Sampling Observations:

SAMPLE CHEMISTRIES

	Temp. (°C)	pH	Sp. Cond.	Turb.
Start	17.6	7.1	2240	
End	16.6	7.1	1966	

SAMPLE ANALYSES

Parameters	Inv. No.	Pres. Meth.	Filter

PURGE CHEMISTRIES

Vol.	Temp. (°C)	pH	Sp. Cond.	Turb.
0	16	6.9	1469	NA
6	17	7.1	1152	NA
14	18	7.1	1551	NA
20	18	7.1	2070	NA
27	18	7.1	2160	NA

Comments:
well went dry at 26 gallons.
put purge water in a drum

Air Temp: 40s and windy on the water
Weather Conditions:

Crew Chief Signature _____ Date: _____

LMS Well Sampling Log

Date: 11/30/1999
Crew: DK,JN
Job No: 115-193
Project: North First Street
Project Site: North First Street

METERS USED

Temp.: TLC#10
pH: 98-9
Cond.: TLC#10
Turb.: NA

Well ID No.: MW-2
Well Condition: good
Well Depth/Diameter: 19.5 feet/ 4 inch
Well Casing Type: PVC
Screened Interval: 19.5 feet - 4.5 feet
Casing Ht./Lock No.: NA
Reference Pt.: Top of PVC
Depth to Water (DTW): 7.4 feet
Water Column Ht./Vol.: 12.1 feet/
Purge Est.: 45 gallons
Purge Method(s): 2 inch submersable
Purge Date/Time(s): 11/30/1999

Depth(s):
Rates (gpm):
Purged Volume:
DTW After Purging:
Yield Rate: L
Purge Observations:

DTW Before Sampling:
Sample Date/Time: 11/30/1999/1100
Sampling Method: disposable teflon bailer
Sampling Depth(s):
DTW After Sampling:
Chain-of-Custody No.(s):
Analytical Lab(s):
Sampling Observations:

SAMPLE CHEMISTRIES

	Temp. (°C)	pH	Sp. Cond.	Turb.
Start	18.2	7.5	683	
End	17.8	7.6	689	

SAMPLE ANALYSES

Parameters	Inv. No.	Pres. Meth.	Filter

PURGE CHEMISTRIES

Vol.	Temp. (°C)	pH	Sp. Cond.	Turb.	
0	17	7.5	664	NA	
4	18	7.6	669	NA	pumped dry 1st time
9	18	7.6	689	NA	
11	18	7.6	687	NA	pumped dry 2nd time

Comments:

Air Temp: 50s
Weather Conditions:

Crew Chief Signature _____ Date: 11/30/1999

LMS Well Sampling Log

Date: 12/08/1999
Crew: DK,JN
Job No: 115-193
Project: North First Street
Project Site: North First Street

METERS USED

Temp.: TLC#10
pH: 98-9
Cond.: TLC#10
Turb.: NA

Well ID No.: MW-3
Well Condition: good
Well Depth/Diameter: 14 feet/ 4 inch
Well Casing Type: PVC
Screened Interval: 14 feet - 4 feet
Casing Ht./Lock No.: NA
Reference Pt.: Top of PVC
Depth to Water (DTW): 2.88 feet
Water Column Ht./Vol.: 11.12 feet
Purge Est.: 41.4 gallons
Purge Method(s): 2 inch submersable
Purge Date/Time(s): 12

Depth(s):
Rates (gpm):
Purged Volume:
DTW After Purging:
Yield Rate: L - M - H
Purge Observations:

DTW Before Sampling:
Sample Date/Time: 12/08/99 / 1500
Sampling Method: disposable teflon bailer
Sampling Depth(s):
DTW After Sampling:
Chain-of-Custody No.(s):
Analytical Lab(s):
Sampling Observations:

SAMPLE CHEMISTRIES

	Temp. (°C)	pH	Sp. Cond.	Turb.
Start				
End				

SAMPLE ANALYSES

Parameters	Inv. No.	Pres. Meth.	Filter

PURGE CHEMISTRIES

Vol.	Temp. (°C)	pH	Sp. Cond.	Turb.
0	13	6	3.36	200+
3	14	5.9	4.13	200+
10	14	5.9	2.07	200+
18	14	5.9	2.06	200+

Comments:
Bentonite covering the pull cap.
Only 14 feet to the bottom of the well, log indicates 20 feet.

Air Temp:
Weather Conditions:

Crew Chief Signature _____ Date: _____

LMS Well Sampling Log

Date: 11/30/1999
Crew: DK,JN
Job No: 115-193
Project: North First Street
Project Site: North First Street

METERS USED
Temp.: TLC#10
pH: 98-9
Cond.: TLC#10
Turb.: NA

Well ID No.: MW-4
Well Condition: good
Well Depth/Diameter: 26.4 feet/ 4 inch
Well Casing Type: PVC
Screened Interval: 26.4 feet -11.4 feet
Casing Ht./Lock No.: NA
Reference Pt.: Top of PVC
Depth to Water (DTW): 11.9 feet
Water Column Ht./Vol.: 14.5 feet
Purge Est.: 54 gallons
Purge Method(s): 2 inch submersable
Purge Date/Time(s): 11/30/1999/1235

Depth(s):
Rates (gpm):
Purged Volume:
DTW After Purging:
Yield Rate: L - M - H
Purge Observations:

DTW Before Sampling:
Sample Date/Time: 11/30/99 /1315
Sampling Method: disposable teflon bailer
Sampling Depth(s):
DTW After Sampling:
Chain-of-Custody No.(s):
Analytical Lab(s):
Sampling Observations:

SAMPLE CHEMISTRIES

	Temp. (°C)	pH	Sp. Cond.	Turb.
Start	17.7	7.4	1842	
End	17.5	7.3	1810	

SAMPLE ANALYSES

Parameters	Inv. No.	Pres. Meth.	Filter

PURGE CHEMISTRIES

Vol.	Temp. (°C)	pH	Sp. Cond.	Turb.
0	17	7.4	1532	NA
3	19	7.6	1593	NA
6	18	7.6	1734	NA
10	19	7.6	1813	NA
15	18	7.6	1896	NA
20	18	7.6	1904	NA
29	18	7.6	1910	NA

Air Temp: 40s
Weather Conditions:

We also sampled for the MS,MSD no noticeable odors.
Purge water placed in 55 gallon drums.

Crew Chief Signature _____ Date: _____

Appendix F
Laboratory Analytical Reports

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

1/3/00

Custody Document J4661
Received: 12/14/99 13:25
Sampled by: John Dwyer Nixon

Project: Con Ed North First Street

Manager: Ed Schwetz

Respectfully submitted,
Environmental Testing Laboratories,Inc.

Assistant Laboratory Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
VA Cert. # 108
CA Cert. # 2253
NH Cert. # 252592-BA
MA Cert. # NY061
RI Cert. # 161
PA Cert. # 68-535

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

1/3/00

ANALYSIS REPORT - EPA 8260

Sample: J4661-1
Client Sample ID: W-08 Collected: 12/13/99 09.30
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/16/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.22	0.22	U
75-45-6	Chlorodifluoromethane	0.46	0.46	U
74-87-3	Chloromethane	0.38	0.38	U
75-01-4	Vinyl Chloride	0.41	0.41	U
74-83-9	Bromomethane	0.37	0.37	U
75-00-3	Chloroethane	0.25	0.25	U
75-69-4	Trichlorofluoromethane	0.32	0.32	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.26	0.26	U
75-35-4	1,1-Dichloroethene	0.48	0.48	U
67-64-1	Acetone	1.30	1.30	U
75-15-0	Carbon disulfide	0.21	0.21	U
75-09-2	Methylene Chloride	0.30	0.30	U
156-60-5	t-1,2-Dichloroethene	0.28	0.28	U
1634-04-4	Methyl t-butyl ether	0.23	0.23	U
75-34-3	1,1-Dichloroethane	0.18	0.18	U
590-20-7	2,2-Dichloropropane	0.37	0.37	U
156-59-2	c-1,2-Dichloroethene	0.34	0.34	U
78-93-3	2-Butanone	0.82	0.82	U
74-97-5	Bromochloromethane	0.26	0.26	U
67-66-3	Chloroform	0.26	0.26	U
71-55-6	1,1,1-Trichloroethane	0.31	0.31	U
56-23-5	Carbon Tetrachloride	0.34	0.34	U
563-58-6	1,1-Dichloropropene	0.68	0.68	U
71-43-2	Benzene	0.14	0.14	U
107-06-2	1,2-Dichloroethane	0.19	0.19	U
79-01-6	Trichloroethene	0.27	0.27	U
78-87-5	1,2-Dichloropropane	0.12	0.12	U
74-95-3	Dibromomethane	0.31	0.31	U
75-27-4	Bromodichloromethane	0.12	0.12	U
110-75-8	2-Chloroethylvinylether	0.37	0.37	U
10061-01-5	c-1,3-Dichloropropene	0.19	0.19	U
108-10-1	4-Methyl-2-pentanone	0.45	0.45	U
108-88-3	Toluene	0.16	0.16	U
10061-02-6	t-1,3-Dichloropropene	0.16	0.16	U
79-00-5	1,1,2-Trichloroethane	0.37	0.37	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.11	0.11	U
591-78-6	2-Hexanone	0.49	0.49	U
124-48-1	Dibromochloromethane	0.18	0.18	U

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

1/3/00

ANALYSIS REPORT - EPA 8260

Sample: J4661-1-continue
Client Sample ID: W-08 Collected: 12/13/99 09.30
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/16/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.14	0.14	U
108-90-7	Chlorobenzene	0.21	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane	0.32	0.32	U
100-41-4	Ethylbenzene	0.21	0.21	U
108-38-3	m,p-xylene	0.45	0.45	U
95-47-6	o-xylene	0.27	0.27	U
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.20	0.20	U
98-82-8	Isopropylbenzene	0.21	0.21	U
108-86-1	Bromobenzene	0.19	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	0.14	0.14	U
103-65-1	n-Propylbenzene	0.28	0.28	U
96-18-4	1,2,3-Trichloropropane	0.44	0.44	U
622-96-8	p-Ethyltoluene	0.34	0.34	U
108-67-8	1,3,5-Trimethylbenzene	0.30	0.30	U
95-49-8	2-Chlorotoluene	0.27	0.27	U
106-43-4	4-Chlorotoluene	0.14	0.14	U
98-06-6	tert-Butylbenzene	0.29	0.29	U
95-63-6	1,2,4-Trimethylbenzene	0.25	0.25	U
135-98-8	sec-Butylbenzene	0.25	0.25	U
99-87-6	4-Isopropyltoluene	0.31	0.31	U
541-73-1	1,3-Dichlorobenzene	0.11	0.11	U
106-46-7	1,4-Dichlorobenzene	0.14	0.14	U
95-50-1	1,2-Dichlorobenzene	0.19	0.19	U
105-05-5	p-Diethylbenzene	0.32	0.32	U
104-51-8	n-Butylbenzene	0.27	0.27	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.42	0.42	U
120-82-1	1,2,4-Trichlorobenzene	0.27	0.27	U
87-68-3	Hexachlorobutadiene	0.32	0.32	U
91-20-3	Naphthalene	0.18	0.18	U
87-61-6	1,2,3-Trichlorobenzene	0.13	0.13	U

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

1/3/00

ANALYSIS REPORT - EPA 8260

Sample: J4661-2
Client Sample ID: W-04 Collected: 12/13/99 14.00
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/16/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	2.20	2.20	U
75-45-6	Chlorodifluoromethane	4.60	4.60	U
74-87-3	Chloromethane	3.80	3.80	U
75-01-4	Vinyl Chloride	4.10	4.10	U
74-83-9	Bromomethane	3.70	3.70	U
75-00-3	Chloroethane	2.50	2.50	U
75-69-4	Trichlorofluoromethane	3.20	3.20	U
76-13-1	1,1,2-Trichlorotrifluoroethane	2.60	2.60	U
75-35-4	1,1-Dichloroethene	4.80	4.80	U
67-64-1	Acetone	130	**2100**	
75-15-0	Carbon disulfide	2.10	2.10	U
75-09-2	Methylene Chloride	3.00	**20.5**	
156-60-5	t-1,2-Dichloroethene	2.80	2.80	U
1634-04-4	Methyl t-butyl ether	2.30	2.30	U
75-34-3	1,1-Dichloroethane	1.80	1.80	U
590-20-7	2,2-Dichloropropane	3.70	3.70	U
156-59-2	c-1,2-Dichloroethene	3.40	3.40	U
78-93-3	2-Butanone	8.20	8.20	U
74-97-5	Bromochloromethane	2.60	2.60	U
67-66-3	Chloroform	2.60	2.60	U
71-55-6	1,1,1-Trichloroethane	3.10	3.10	U
56-23-5	Carbon Tetrachloride	3.40	3.40	U
563-58-6	1,1-Dichloropropene	6.80	6.80	U
71-43-2	Benzene	1.40	1.40	U
107-06-2	1,2-Dichloroethane	1.90	1.90	U
79-01-6	Trichloroethene	2.70	2.70	U
78-87-5	1,2-Dichloropropane	1.20	1.20	U
74-95-3	Dibromomethane	3.10	3.10	U
75-27-4	Bromodichloromethane	1.20	1.20	U
110-75-8	2-Chloroethylvinylether	3.70	3.70	U
10061-01-5	c-1,3-Dichloropropene	1.90	1.90	U
108-10-1	4-Methyl-2-pentanone	4.50	4.50	U
108-88-3	Toluene	16.0	**5860**	
10061-02-6	t-1,3-Dichloropropene	1.60	1.60	U
79-00-5	1,1,2-Trichloroethane	3.70	3.70	U
127-18-4	Tetrachloroethene	2.80	2.80	U
142-28-9	1,3-Dichloropropane	1.10	1.10	U
591-78-6	2-Hexanone	4.90	4.90	U
124-48-1	Dibromochloromethane	1.80	1.80	U

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

1/3/00

ANALYSIS REPORT - EPA 8260

Sample: J4661-2-continue
Client Sample ID: W-04
Matrix: Liquid
Remarks: See case narrative

Type: Grab

Collected: 12/13/99 14.00

Analyzed: 12/16/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	1.40	1.40	U
108-90-7	Chlorobenzene	2.10	2.10	U
630-20-6	1,1,1,2-Tetrachloroethane	3.20	3.20	U
100-41-4	Ethylbenzene	2.10	**380**	
108-38-3	m,p-xylene	4.50	**1390**	
95-47-6	o-xylene	2.70	**484**	
100-42-5	Styrene	2.80	2.80	U
75-25-2	Bromoform	2.00	2.00	U
98-82-8	Isopropylbenzene	2.10	2.10	U
108-86-1	Bromobenzene	1.90	1.90	U
79-34-5	1,1,2,2-Tetrachloroethane	1.40	1.40	U
103-65-1	n-Propylbenzene	2.80	2.80	U
96-18-4	1,2,3-Trichloropropane	4.40	4.40	U
622-96-8	p-Ethyltoluene	3.40	3.40	U
108-67-8	1,3,5-Trimethylbenzene	3.00	3.00	U
95-49-8	2-Chlorotoluene	2.70	2.70	U
106-43-4	4-Chlorotoluene	1.40	1.40	U
98-06-6	tert-Butylbenzene	2.90	2.90	U
95-63-6	1,2,4-Trimethylbenzene	2.50	2.50	U
135-98-8	sec-Butylbenzene	2.50	2.50	U
99-87-6	4-Isopropyltoluene	3.10	3.10	U
541-73-1	1,3-Dichlorobenzene	1.10	1.10	U
106-46-7	1,4-Dichlorobenzene	1.40	1.40	U
95-50-1	1,2-Dichlorobenzene	1.90	1.90	U
105-05-5	p-Diethylbenzene	3.20	3.20	U
104-51-8	n-Butylbenzene	2.70	2.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	1.90	1.90	U
96-12-8	1,2-Dibromo-3-chloropropane	4.20	4.20	U
120-82-1	1,2,4-Trichlorobenzene	2.70	2.70	U
87-68-3	Hexachlorobutadiene	3.20	3.20	U
91-20-3	Naphthalene	1.80	1.80	U
87-61-6	1,2,3-Trichlorobenzene	1.30	1.30	U

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

1/3/00

ANALYSIS REPORT - EPA 8260

Sample: J4661-3
Client Sample ID: Z-01
Matrix: Liquid
Remarks: See case narrative

Collected: 12/13/99 15.30
Type: Grab

Analyzed: 12/16/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.22	0.22	U
75-45-6	Chlorodifluoromethane	0.46	0.46	U
74-87-3	Chloromethane	0.38	0.38	U
75-01-4	Vinyl Chloride	0.41	0.41	U
74-83-9	Bromomethane	0.37	0.37	U
75-00-3	Chloroethane	0.25	0.25	U
75-69-4	Trichlorofluoromethane	0.32	0.32	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.26	0.26	U
75-35-4	1,1-Dichloroethene	0.48	0.48	U
67-64-1	Acetone	1.30	**124**	
75-15-0	Carbon disulfide	0.21	0.21	U
75-09-2	Methylene Chloride	0.30	0.30	U
156-60-5	t-1,2-Dichloroethene	0.28	0.28	U
1634-04-4	Methyl t-butyl ether	0.23	0.23	U
75-34-3	1,1-Dichloroethane	0.18	**4.30**	
590-20-7	2,2-Dichloropropane	0.37	0.37	U
156-59-2	c-1,2-Dichloroethene	0.34	**6.10**	
78-93-3	2-Butanone	0.82	0.82	U
74-97-5	Bromochloromethane	0.26	0.26	U
67-66-3	Chloroform	0.26	0.26	U
71-55-6	1,1,1-Trichloroethane	0.31	0.31	U
56-23-5	Carbon Tetrachloride	0.34	0.34	U
563-58-6	1,1-Dichloropropene	0.68	0.68	U
71-43-2	Benzene	0.14	**4.60**	
107-06-2	1,2-Dichloroethane	0.19	0.19	U
79-01-6	Trichloroethene	0.27	**2.70**	
78-87-5	1,2-Dichloropropane	0.12	0.12	U
74-95-3	Dibromomethane	0.31	0.31	U
75-27-4	Bromodichloromethane	0.12	0.12	U
110-75-8	2-Chloroethylvinylether	0.37	0.37	U
10061-01-5	c-1,3-Dichloropropene	0.19	0.19	U
108-10-1	4-Methyl-2-pentanone	0.45	0.45	U
108-88-3	Toluene	3.20	**1590**	
10061-02-6	t-1,3-Dichloropropene	0.16	0.16	U
79-00-5	1,1,2-Trichloroethane	0.37	0.37	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.11	0.11	U
591-78-6	2-Hexanone	0.49	0.49	U
124-48-1	Dibromochloromethane	0.18	0.18	U

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1/3/00

ANALYSIS REPORT - EPA 8260

Sample: J4661-3-continue

Client Sample ID: Z-01 Collected: 12/13/99 15.30

Matrix: Liquid Type: Grab

Remarks: See case narrative

Analyzed: 12/16/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.14	0.14	U
108-90-7	Chlorobenzene	0.21	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane	0.32	0.32	U
100-41-4	Ethylbenzene	4.20	**407**	
108-38-3	m,p-xylene	9.00	**1520**	
95-47-6	o-xylene	5.40	**457**	
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.20	0.20	U
98-82-8	Isopropylbenzene	0.21	**1.00**	
108-86-1	Bromobenzene	0.19	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	0.14	0.14	U
103-65-1	n-Propylbenzene	0.28	0.28	U
96-18-4	1,2,3-Trichloropropane	0.44	0.44	U
622-96-8	p-Ethyltoluene	0.34	**1.30**	
108-67-8	1,3,5-Trimethylbenzene	0.30	0.30	U
95-49-8	2-Chlorotoluene	0.27	0.27	U
106-43-4	4-Chlorotoluene	0.14	0.14	U
98-06-6	tert-Butylbenzene	0.29	0.29	U
95-63-6	1,2,4-Trimethylbenzene	0.25	**1.20**	
135-98-8	sec-Butylbenzene	0.25	0.25	U
99-87-6	4-Isopropyltoluene	0.31	0.31	U
541-73-1	1,3-Dichlorobenzene	0.11	0.11	U
106-46-7	1,4-Dichlorobenzene	0.14	0.14	U
95-50-1	1,2-Dichlorobenzene	0.19	**1.10**	
105-05-5	p-Diethylbenzene	0.32	0.32	U
104-51-8	n-Butylbenzene	0.27	0.27	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.42	0.42	U
120-82-1	1,2,4-Trichlorobenzene	0.27	0.27	U
87-68-3	Hexachlorobutadiene	0.32	0.32	U
91-20-3	Naphthalene	0.18	0.18	U
87-61-6	1,2,3-Trichlorobenzene	0.13	0.13	U

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ANALYSIS REPORT - EPA 8260

Sample: J4661-4
Client Sample ID: Z-02
Matrix: Liquid
Remarks: See case narrative

Collected: 12/13/99 15.45
Type: Grab

Analyzed: 12/16/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.22	0.22	U
75-45-6	Chlorodifluoromethane	0.46	0.46	U
74-87-3	Chloromethane	0.38	0.38	U
75-01-4	Vinyl Chloride	0.41	0.41	U
74-83-9	Bromomethane	0.37	0.37	U
75-00-3	Chloroethane	0.25	0.25	U
75-69-4	Trichlorofluoromethane	0.32	0.32	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.26	0.26	U
75-35-4	1,1-Dichloroethene	0.48	0.48	U
67-64-1	Acetone	1.30	16.2	
75-15-0	Carbon disulfide	0.21	0.21	U
75-09-2	Methylene Chloride	0.30	0.30	U
156-60-5	t-1,2-Dichloroethene	0.28	0.28	U
1634-04-4	Methyl t-butyl ether	0.23	0.23	U
75-34-3	1,1-Dichloroethane	0.18	0.18	U
590-20-7	2,2-Dichloropropane	0.37	0.37	U
156-59-2	c-1,2-Dichloroethene	0.34	0.34	U
78-93-3	2-Butanone	0.82	0.82	U
74-97-5	Bromochloromethane	0.26	0.26	U
67-66-3	Chloroform	0.26	0.26	U
71-55-6	1,1,1-Trichloroethane	0.31	0.31	U
56-23-5	Carbon Tetrachloride	0.34	0.34	U
563-58-6	1,1-Dichloropropene	0.68	0.68	U
71-43-2	Benzene	0.14	0.14	U
107-06-2	1,2-Dichloroethane	0.19	0.19	U
79-01-6	Trichloroethene	0.27	0.27	U
78-87-5	1,2-Dichloropropane	0.12	0.12	U
74-95-3	Dibromomethane	0.31	0.31	U
75-27-4	Bromodichloromethane	0.12	0.12	U
110-75-8	2-Chloroethylvinylether	0.37	0.37	U
10061-01-5	c-1,3-Dichloropropene	0.19	0.19	U
108-10-1	4-Methyl-2-pentanone	0.45	0.45	U
108-88-3	Toluene	0.16	63.4	
10061-02-6	t-1,3-Dichloropropene	0.16	0.16	U
79-00-5	1,1,2-Trichloroethane	0.37	0.37	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.11	0.11	U
591-78-6	2-Hexanone	0.49	0.49	U
124-48-1	Dibromochloromethane	0.18	0.18	U

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ANALYSIS REPORT - EPA 8260

Sample: J4661-4-continue
Client Sample ID: Z-02
Matrix: Liquid
Remarks: See case narrative

Collected: 12/13/99 15.45
Type: Grab

Analyzed: 12/16/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.14	0.14	U
108-90-7	Chlorobenzene	0.21	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane	0.32	0.32	U
100-41-4	Ethylbenzene	0.21	14.1	
108-38-3	m,p-xylene	0.45	57.6	
95-47-6	o-xylene	0.27	18.2	
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.20	0.20	U
98-82-8	Isopropylbenzene	0.21	0.21	U
108-86-1	Bromobenzene	0.19	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	0.14	0.14	U
103-65-1	n-Propylbenzene	0.28	0.28	U
96-18-4	1,2,3-Trichloropropane	0.44	0.44	U
622-96-8	p-Ethyltoluene	0.34	0.34	U
108-67-8	1,3,5-Trimethylbenzene	0.30	0.30	U
95-49-8	2-Chlorotoluene	0.27	0.27	U
106-43-4	4-Chlorotoluene	0.14	0.14	U
98-06-6	tert-Butylbenzene	0.29	0.29	U
95-63-6	1,2,4-Trimethylbenzene	0.25	0.25	U
135-98-8	sec-Butylbenzene	0.25	0.25	U
99-87-6	4-Isopropyltoluene	0.31	0.31	U
541-73-1	1,3-Dichlorobenzene	0.11	0.11	U
106-46-7	1,4-Dichlorobenzene	0.14	0.14	U
95-50-1	1,2-Dichlorobenzene	0.19	0.19	U
105-05-5	p-Diethylbenzene	0.32	0.32	U
104-51-8	n-Butylbenzene	0.27	0.27	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.42	0.42	U
120-82-1	1,2,4-Trichlorobenzene	0.27	0.27	U
87-68-3	Hexachlorobutadiene	0.32	0.32	U
91-20-3	Naphthalene	0.18	0.18	U
87-61-6	1,2,3-Trichlorobenzene	0.13	0.13	U

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1/3/00

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4661-1
Client Sample ID: W-08
Matrix: Liquid
Remarks:

Type: Grab

Collected: 12/13/99 09.30

Analyzed: 12/22/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	1.53	1.53	U
111-44-4	bis(2-Chloroethyl)ether	1.53	1.53	U
95-57-8	2-Chlorophenol	1.22	1.22	U
541-73-1	1,3-Dichlorobenzene	1.50	1.50	U
106-46-7	1,4-Dichlorobenzene	1.48	1.48	U
100-51-6	Benzyl alcohol	1.38	1.38	U
95-50-1	1,2-Dichlorobenzene	1.51	1.51	U
95-48-7	2-Methylphenol	1.70	1.70	U
108-60-1	bis(2-Chloroisopropyl)ether	0.86	0.86	U
106-44-5	3,4-Methylphenol	1.55	1.55	U
621-64-7	N-Nitroso-di-n-propylamine	1.84	1.84	U
67-72-1	Hexachloroethane	1.87	1.87	U
98-95-3	Nitrobenzene	1.74	1.74	U
78-59-1	Isophorone	1.88	1.88	U
88-75-5	2-Nitrophenol	1.55	1.55	U
105-67-9	2,4-Dimethylphenol	1.92	1.92	U
65-85-0	Benzoic acid	10.3	10.3	U
111-91-1	bis(2-Chloroethoxy)methane	2.10	2.10	U
120-83-2	2,4-Dichlorophenol	1.49	1.49	U
120-82-1	1,2,4-Trichlorobenzene	0.54	0.54	U
91-20-3	Naphthalene	1.78	1.78	U
106-47-8	4-Chloroaniline	1.45	1.45	U
87-68-3	Hexachlorobutadiene	10.0	10.0	U
59-50-7	4-Chloro-3-methylphenol	1.53	1.53	U
91-57-6	2-Methylnaphthalene	1.85	1.85	U
77-47-4	Hexachlorocyclopentadiene	4.66	4.66	U
88-06-2	2,4,6-Trichlorophenol	1.51	1.51	U
95-95-4	2,4,5-Trichlorophenol	1.68	1.68	U
91-58-7	2-Chloronaphthalene	1.76	1.76	U
88-74-4	2-Nitroaniline	2.24	2.24	U
131-11-3	Dimethyl phthalate	3.98	3.98	U
208-96-8	Acenaphthylene	2.25	2.25	U
606-20-2	2,6-Dinitrotoluene	1.85	1.85	U
99-09-2	3-Nitroaniline	1.55	1.55	U
83-32-9	Acenaphthene	1.78	1.78	U
51-28-5	2,4-Dinitrophenol	9.62	9.62	U
100-02-7	4-Nitrophenol	5.00	5.00	U
132-64-9	Dibenzofuran	2.10	2.10	U
121-14-2	2,4-Dinitrotoluene	1.94	1.94	U

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1/3/00

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4661-1-continue

Client Sample ID: W-08 Collected: 12/13/99 09.30

Matrix: Liquid Type: Grab

Remarks:

Analyzed: 12/22/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.51	2.51	U
7005-72-3	4-Chlorophenyl-phenyl ether	2.13	2.13	U
86-73-7	Fluorene	2.16	2.16	U
100-01-6	4-Nitroaniline	1.43	1.43	U
534-52-1	4,6-Dinitro-2-methylphenol	10.2	10.2	U
86-30-6	N-nitrosodiphenylamine	1.96	1.96	U
101-55-3	4-Bromophenyl-phenylether	2.03	2.03	U
118-74-1	Hexachlorobenzene	2.27	2.27	U
87-86-5	Pentachlorophenol	50.0	50.0	U
85-01-8	Phenanthrene	1.98	1.98	U
120-12-7	Anthracene	1.78	1.78	U
84-74-2	Di-n-butylphthalate	2.38	2.38	U
206-44-0	Fluoranthene	2.22	2.22	U
129-00-0	Pyrene	2.00	2.00	U
85-68-7	Butylbenzylphthalate	3.43	3.43	U
91-94-1	3,3'-Dichlorobenzidine	2.56	2.56	U
56-55-3	Benzo(a)anthracene	1.87	1.87	U
218-01-9	Chrysene	2.16	2.16	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.93	**0.81**	J
117-84-0	Di-n-octylphthalate	2.87	2.87	U
205-99-2	Benzo(b)fluoranthene	1.80	1.80	U
207-08-9	Benzo(k)fluoranthene	2.10	2.10	U
50-32-8	Benzo(a)pyrene	1.91	1.91	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.12	2.12	U
53-70-3	Dibenzo(a,h)anthracene	2.13	2.13	U
191-24-2	Benzo(g,h,i)perylene	2.34	2.34	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4661-1
Client Sample ID: W-08
Matrix: Liquid
Remarks:

Collected: 12/13/99 09.30

Type: Grab

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.10	0.10	U
11104-28-2	PCB 1221	0.070	0.070	U
11141-16-5	PCB 1232	0.090	0.090	U
53469-21-9	PCB 1242	0.0100	0.0100	U
12672-29-6	PCB 1248	0.020	0.020	U
11097-69-1	PCB 1254	0.030	0.030	U
11096-82-5	PCB 1260	0.050	0.050	U

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1/3/00

ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4661-1
Client Sample ID: W-08
Matrix: Liquid
Remarks:

Collected: 12/13/99 09.30
Type: Grab

Analyzed: 12/21/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	0.015	U
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.012	0.012	U
319-86-8	d-BHC	0.022	0.022	U
309-00-2	Aldrin	0.015	0.015	U
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	0.015	U
72-20-8	Endrin	0.017	0.017	U
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.0050	0.0050	U
50-29-3	4,4'-DDT	0.0050	0.0050	U
7421-36-3	Endrin aldehyde	0.0050	0.0050	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.20	0.20	U
5103-74-2	gamma-Chlordane	0.20	0.20	U
57-74-9	Chlordane	0.030	0.030	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0060	0.0060	U
53494-70-5	Endrin ketone	0.20	0.20	U

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1/3/00

ANALYSIS REPORT - METALS

Sample: J4661-1
Client Sample ID: W-08 Collected: 12/13/99 09.30
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/16/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**7.19**	
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	0.0067	U
7440-39-3	Barium	0.11	**0.22**	
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	**0.0029**	J
7440-70-2	Calcium	1.11	**95.3**	
7440-47-3	Chromium	0.0056	**0.57**	
7440-48-4	Cobalt	0.011	**0.013**	
7440-50-8	Copper	0.011	0.011	U
7439-89-6	Iron	0.11	**113**	
7439-92-1	Lead	0.0022	**0.019**	
7439-95-4	Magnesium	1.11	**28.8**	
7439-96-5	Manganese	0.011	**5.79**	
7439-97-6	Mercury	0.000050	**0.0090**	
7440-02-0	Nickel	0.011	**0.11**	
7440-09-7	Potassium	1.11	**22.1**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	**0.0065**	J
7440-23-5	Sodium	1.11	**250**	
7440-28-0	Thallium	0.060	0.060	U
7440-62-2	Vanadium	0.011	**0.034**	
7440-66-6	Zinc	0.011	**0.29**	

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1/3/00

ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4661-1

Client Sample ID: W-08

Matrix: Liquid

Remarks:

Type: Grab

Collected: 12/13/99 09.30

Analyzed: 12/16/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**0.12**	J
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	0.0067	U
7440-39-3	Barium	0.11	**0.081**	J
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	0.0033	U
7440-70-2	Calcium	1.11	**93.6**	
7440-47-3	Chromium	0.0056	0.0056	U
7440-48-4	Cobalt	0.011	0.011	U
7440-50-8	Copper	0.011	0.011	U
7439-89-6	Iron	0.11	**0.12**	
7439-92-1	Lead	0.0022	**0.0014**	J
7439-95-4	Magnesium	1.11	**26.4**	
7439-96-5	Manganese	0.011	**4.54**	
7439-97-6	Mercury	0.000050	0.000050	U
7440-02-0	Nickel	0.011	**0.0094**	J
7440-09-7	Potassium	1.11	**18.8**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	0.0089	U
7440-23-5	Sodium	1.11	**244**	
7440-28-0	Thallium	0.060	0.060	U
7440-62-2	Vanadium	0.011	0.011	U
7440-66-6	Zinc	0.011	**0.068**	

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1/3/00

ANALYSIS REPORT - WET LAB

Sample: J4661-1
Client Sample ID: W-08
Matrix: Liquid
Remarks:

Collected: 12/13/99 09.30
Type: Grab

Analyzed	Parameter	MDL	Result	Q	Units
12/20/99	Cyanide	0.0060	0.0060	U	ppm

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1/4/00

CASE NARRATIVE

Flashpoint

Client requested flashpoint analysis on samples #3 and #4; however, proper sample containers were not provided. Client was notified and the analysis was cancelled.

8260

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

- Acetone
- 2-Butanone
- 4-Methyl,2-pentanone
- 2-Hexanone

M&P-Xylenes were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 10, 20, 50, 100 and 150 ppb levels.

Samples were quantitated using the continuing calibration standard response factor as opposed to the initial calibration average response factor.

Reviewed by: _____

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1/3/00

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is a non-detect.

J - Indicates an estimated value. The concentration was detected lower than the Contract Required Detection Limit, but greater than the Method Detection Limit.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag identifies all compounds identified in an analysis at a secondary dilution.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - entered when the analyte was analyzed for, but not detected.

Q - qualifier specific entries and their meanings are as follows:

E - the reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
NR - when the analyte is not required to be analyzed.
P - ICP
T - Titrimetric

ETL

Environmental Testing Laboratories, Inc.
208 Route 109 • Farmingdale • New York 11735
516-249-1456 • Fax: 516-249-8344

CHAIN OF CUSTODY DOCUMENT

J 4661

Project Name: North First Street | Project Manager: Ed Schuetz

Project Address: North First Street

Client | J/N: | ☑ Rush by 12/21/99

Sampler (Signature): John Dwyer Nixon (Print): John Dwyer Nixon

SAMPLE INFO — Type SS = Split Spoon, G = Grab, C = Composite, B = Blank; Matrix L = Liquid, S = Soil, SL = Sludge, A* = Air, W = Wipe; *Air - Vol (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total. # Cont.
1	12/13/99	0130	G	L	W-08	10
2	12/13/99	1400	G	L	W-04	3
3	12/13/99	1530	G	L	Z-01	5
4	12/13/99	1545	G	L	Z-02	5
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH	VOCs	SVOCs	TAL Metals Filtered	TAL Metals Unfiltered	Cyanide	Flashpoint
				✓					✓	✓	✓	✓	✓	✓	
									✓					✓	
									✓					✓	
									✓					✓	

OFFICE COPY

John Dwyer Nixon 12/13/99 1800

Relinquished by (Signature): John Dwyer Nixon	Date 12/13/99 Time 1800	Printed Name & Agent:	Received by (Signature):	Date / Time	Printed Name & Agent
Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received for Lab by (Signature):	Date 12/14/99 Time 1325	Printed Name C. Lepetri
Comments & Special Instructions		QA/QC Type: Level-2	Number & Type of Containers: 4-AMBERS 2-500P HNO3 10 VOA HCl	Preservatives:	Temp: 5°

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1/4/00

ANALYSIS REPORT - EPA 8260

Sample: J4677-1-continue
Client Sample ID: W-02 Collected: 12/9/99 15.45
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/15/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.14	0.14	U
108-90-7	Chlorobenzene	0.21	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane	0.32	0.32	U
100-41-4	Ethylbenzene	105	**4080**	
108-38-3	m,p-xylene	225	**15500**	
95-47-6	o-xylene	135	**4560**	
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.20	0.20	U
98-82-8	Isopropylbenzene	0.21	**29.4**	
108-86-1	Bromobenzene	0.19	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	0.14	0.14	U
103-65-1	n-Propylbenzene	0.28	**4.50**	
96-18-4	1,2,3-Trichloropropane	0.44	0.44	U
622-96-8	p-Ethyltoluene	0.34	**17.2**	
108-67-8	1,3,5-Trimethylbenzene	0.30	**4.10**	
95-49-8	2-Chlorotoluene	0.27	0.27	U
106-43-4	4-Chlorotoluene	0.14	0.14	U
98-06-6	tert-Butylbenzene	0.29	0.29	U
95-63-6	1,2,4-Trimethylbenzene	0.25	**9.80**	
135-98-8	sec-Butylbenzene	0.25	0.25	U
99-87-6	4-Isopropyltoluene	0.31	0.31	U
541-73-1	1,3-Dichlorobenzene	0.11	0.11	U
106-46-7	1,4-Dichlorobenzene	0.14	0.14	U
95-50-1	1,2-Dichlorobenzene	0.19	0.19	U
105-05-5	p-Diethylbenzene	0.32	0.32	U
104-51-8	n-Butylbenzene	0.27	0.27	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.42	0.42	U
120-82-1	1,2,4-Trichlorobenzene	0.27	0.27	U
87-68-3	Hexachlorobutadiene	0.32	0.32	U
91-20-3	Naphthalene	0.18	0.18	U
87-61-6	1,2,3-Trichlorobenzene	0.13	0.13	U

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1/4/00

ANALYSIS REPORT - EPA 8260

Sample: J4677-2

Client Sample ID: TB-3 Collected: 12/10/99

Matrix: Liquid Type: Blank

Remarks: See case narrative

Analyzed: 12/15/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.22	0.22	U
75-45-6	Chlorodifluoromethane	0.46	0.46	U
74-87-3	Chloromethane	0.38	0.38	U
75-01-4	Vinyl Chloride	0.41	0.41	U
74-83-9	Bromomethane	0.37	0.37	U
75-00-3	Chloroethane	0.25	0.25	U
75-69-4	Trichlorofluoromethane	0.32	0.32	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.26	0.26	U
75-35-4	1,1-Dichloroethene	0.48	0.48	U
67-64-1	Acetone	1.30	1.30	U
75-15-0	Carbon disulfide	0.21	0.21	U
75-09-2	Methylene Chloride	0.30	0.30	U
156-60-5	t-1,2-Dichloroethene	0.28	0.28	U
1634-04-4	Methyl t-butyl ether	0.23	0.23	U
75-34-3	1,1-Dichloroethane	0.18	0.18	U
590-20-7	2,2-Dichloropropane	0.37	0.37	U
156-59-2	c-1,2-Dichloroethene	0.34	0.34	U
78-93-3	2-Butanone	0.82	0.82	U
74-97-5	Bromochloromethane	0.26	0.26	U
67-66-3	Chloroform	0.26	0.26	U
71-55-6	1,1,1-Trichloroethane	0.31	0.31	U
56-23-5	Carbon Tetrachloride	0.34	0.34	U
563-58-6	1,1-Dichloropropene	0.68	0.68	U
71-43-2	Benzene	0.14	0.14	U
107-06-2	1,2-Dichloroethane	0.19	0.19	U
79-01-6	Trichloroethene	0.27	0.27	U
78-87-5	1,2-Dichloropropane	0.12	0.12	U
74-95-3	Dibromomethane	0.31	0.31	U
75-27-4	Bromodichloromethane	0.12	0.12	U
110-75-8	2-Chloroethylvinylether	0.37	0.37	U
10061-01-5	c-1,3-Dichloropropene	0.19	0.19	U
108-10-1	4-Methyl-2-pentanone	0.45	0.45	U
108-88-3	Toluene	0.16	0.16	U
10061-02-6	t-1,3-Dichloropropene	0.16	0.16	U
79-00-5	1,1,2-Trichloroethane	0.37	0.37	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.11	0.11	U
591-78-6	2-Hexanone	0.49	0.49	U
124-48-1	Dibromochloromethane	0.18	0.18	U

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ANALYSIS REPORT - EPA 8260

Sample: J4677-3-continue
Client Sample ID: S-03B
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/10/99 10.25
% Solids: 87.7%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.34	0.34	U
108-90-7	Chlorobenzene	0.16	0.16	U
630-20-6	1,1,1,2-Tetrachloroethane	0.32	0.32	U
100-41-4	Ethylbenzene	0.39	**69.2**	
108-38-3	m,p-xylene	0.39	**24.0**	
95-47-6	o-xylene	0.18	**8.40**	
100-42-5	Styrene	0.18	0.18	U
75-25-2	Bromoform	0.27	0.27	U
98-82-8	Isopropylbenzene	0.23	0.23	U
108-86-1	Bromobenzene	0.23	0.23	U
79-34-5	1,1,2,2-Tetrachloroethane	0.30	0.30	U
103-65-1	n-Propylbenzene	0.32	0.32	U
96-18-4	1,2,3-Trichloropropane	1.00	1.00	U
622-96-8	p-Ethyltoluene	0.55	0.55	U
108-67-8	1,3,5-Trimethylbenzene	0.27	0.27	U
95-49-8	2-Chlorotoluene	0.39	0.39	U
106-43-4	4-Chlorotoluene	0.36	0.36	U
98-06-6	tert-Butylbenzene	0.30	0.30	U
95-63-6	1,2,4-Trimethylbenzene	0.30	0.30	U
135-98-8	sec-Butylbenzene	0.091	0.091	U
99-87-6	4-Isopropyltoluene	0.23	0.23	U
541-73-1	1,3-Dichlorobenzene	0.23	0.23	U
106-46-7	1,4-Dichlorobenzene	0.34	0.34	U
95-50-1	1,2-Dichlorobenzene	0.30	0.30	U
105-05-5	p-Diethylbenzene	0.62	0.62	U
104-51-8	n-Butylbenzene	0.32	0.32	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.62	0.62	U
96-12-8	1,2-Dibromo-3-chloropropane	1.14	1.14	U
120-82-1	1,2,4-Trichlorobenzene	0.57	0.57	U
87-68-3	Hexachlorobutadiene	0.55	0.55	U
91-20-3	Naphthalene	0.62	**2.90**	
87-61-6	1,2,3-Trichlorobenzene	0.87	0.87	U

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ANALYSIS REPORT - EPA 8260

Sample: J4677-4
Client Sample ID: S-03C
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/10/99 10.45
% Solids: 87.5%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.62	0.62	U
75-45-6	Chlorodifluoromethane	0.30	0.30	U
74-87-3	Chloromethane	1.12	1.12	U
75-01-4	Vinyl Chloride	0.98	0.98	U
74-83-9	Bromomethane	1.05	1.05	U
75-00-3	Chloroethane	1.40	1.40	U
75-69-4	Trichlorofluoromethane	0.57	0.57	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.78	0.78	U
75-35-4	1,1-Dichloroethene	1.05	1.05	U
67-64-1	Acetone	5.82	**80.0**	
75-15-0	Carbon disulfide	0.94	0.94	U
75-09-2	Methylene Chloride	1.05	**8.90**	
156-60-5	t-1,2-Dichloroethene	1.21	1.21	U
1634-04-4	Methyl t-butyl ether	1.53	1.53	U
75-34-3	1,1-Dichloroethane	0.57	0.57	U
590-20-7	2,2-Dichloropropane	0.53	0.53	U
156-59-2	c-1,2-Dichloroethene	0.71	0.71	U
78-93-3	2-Butanone	4.44	4.44	U
74-97-5	Bromochloromethane	0.92	0.92	U
67-66-3	Chloroform	0.25	0.25	U
71-55-6	1,1,1-Trichloroethane	0.21	0.21	U
56-23-5	Carbon Tetrachloride	0.44	0.44	U
563-58-6	1,1-Dichloropropene	1.58	1.58	U
71-43-2	Benzene	0.82	0.82	U
107-06-2	1,2-Dichloroethane	0.87	0.87	U
79-01-6	Trichloroethene	0.37	0.37	U
78-87-5	1,2-Dichloropropane	0.78	0.78	U
74-95-3	Dibromomethane	0.71	0.71	U
75-27-4	Bromodichloromethane	0.60	0.60	U
110-75-8	2-Chloroethylvinylether	2.36	2.36	U
10061-01-5	c-1,3-Dichloropropene	0.46	0.46	U
108-10-1	4-Methyl-2-pentanone	2.18	2.18	U
108-88-3	Toluene	0.57	**26.7**	
10061-02-6	t-1,3-Dichloropropene	0.66	0.66	U
79-00-5	1,1,2-Trichloroethane	0.96	0.96	U
127-18-4	Tetrachloroethene	0.53	0.53	U
142-28-9	1,3-Dichloropropane	0.80	0.80	U
591-78-6	2-Hexanone	3.16	3.16	U
124-48-1	Dibromochloromethane	0.44	0.44	U

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ANALYSIS REPORT - EPA 8260

Sample: J4677-4-continue
Client Sample ID: S-03C
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/10/99 10.45
% Solids: 87.5%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.60	0.60	U
108-90-7	Chlorobenzene	0.44	0.44	U
630-20-6	1,1,1,2-Tetrachloroethane	0.57	0.57	U
100-41-4	Ethylbenzene	2.34	**382**	
108-38-3	m,p-xylene	1.88	**1400**	
95-47-6	o-xylene	2.23	**480**	
100-42-5	Styrene	0.57	0.57	U
75-25-2	Bromoform	0.37	0.37	U
98-82-8	Isopropylbenzene	0.25	**6.40**	
108-86-1	Bromobenzene	0.34	0.34	U
79-34-5	1,1,2,2-Tetrachloroethane	0.76	0.76	U
103-65-1	n-Propylbenzene	0.76	**2.80**	
96-18-4	1,2,3-Trichloropropane	1.31	1.31	U
622-96-8	p-Ethyltoluene	0.44	**8.60**	
108-67-8	1,3,5-Trimethylbenzene	0.48	**2.10**	
95-49-8	2-Chlorotoluene	1.03	1.03	U
106-43-4	4-Chlorotoluene	0.87	0.87	U
98-06-6	tert-Butylbenzene	0.41	0.41	U
95-63-6	1,2,4-Trimethylbenzene	0.25	**6.00**	
135-98-8	sec-Butylbenzene	0.30	0.30	U
99-87-6	4-Isopropyltoluene	0.41	0.41	U
541-73-1	1,3-Dichlorobenzene	0.60	0.60	U
106-46-7	1,4-Dichlorobenzene	0.60	0.60	U
95-50-1	1,2-Dichlorobenzene	0.41	0.41	U
105-05-5	p-Diethylbenzene	0.69	0.69	U
104-51-8	n-Butylbenzene	0.46	0.46	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.44	0.44	U
96-12-8	1,2-Dibromo-3-chloropropane	1.53	1.53	U
120-82-1	1,2,4-Trichlorobenzene	0.78	0.78	U
87-68-3	Hexachlorobutadiene	0.44	0.44	U
91-20-3	Naphthalene	0.69	0.69	U
87-61-6	1,2,3-Trichlorobenzene	0.34	0.34	U

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ANALYSIS REPORT - EPA 8260

Sample: J4677-5

Client Sample ID: S-03D

Matrix: Soil

Type: Grab

Collected: 12/10/99 11.00

% Solids: 86.9%

Remarks: See case narrative

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	125	125	U
75-45-6	Chlorodifluoromethane	47.5	47.5	U
74-87-3	Chloromethane	138	138	U
75-01-4	Vinyl Chloride	108	108	U
74-83-9	Bromomethane	51.8	51.8	U
75-00-3	Chloroethane	130	130	U
75-69-4	Trichlorofluoromethane	69.1	69.1	U
76-13-1	1,1,2-Trichlorotrifluoroethane	86.4	86.4	U
75-35-4	1,1-Dichloroethene	77.8	77.8	U
67-64-1	Acetone	639	639	U
75-15-0	Carbon disulfide	134	134	U
75-09-2	Methylene Chloride	177	444	
156-60-5	t-1,2-Dichloroethene	95.0	95.0	U
1634-04-4	Methyl t-butyl ether	121	121	U
75-34-3	1,1-Dichloroethane	60.5	60.5	U
590-20-7	2,2-Dichloropropane	77.8	77.8	U
156-59-2	c-1,2-Dichloroethene	130	130	U
78-93-3	2-Butanone	1080	1080	U
74-97-5	Bromochloromethane	138	138	U
67-66-3	Chloroform	64.8	64.8	U
71-55-6	1,1,1-Trichloroethane	86.4	86.4	U
56-23-5	Carbon Tetrachloride	77.8	77.8	U
563-58-6	1,1-Dichloropropene	289	289	U
71-43-2	Benzene	43.2	43.2	U
107-06-2	1,2-Dichloroethane	86.4	86.4	U
79-01-6	Trichloroethene	86.4	86.4	U
78-87-5	1,2-Dichloropropane	69.1	69.1	U
74-95-3	Dibromomethane	77.8	77.8	U
75-27-4	Bromodichloromethane	56.2	56.2	U
110-75-8	2-Chloroethylvinylether	156	156	U
10061-01-5	c-1,3-Dichloropropene	64.8	64.8	U
108-10-1	4-Methyl-2-pentanone	216	216	U
108-88-3	Toluene	64.8	64.8	U
10061-02-6	t-1,3-Dichloropropene	64.8	64.8	U
79-00-5	1,1,2-Trichloroethane	86.4	86.4	U
127-18-4	Tetrachloroethene	47.5	47.5	U
142-28-9	1,3-Dichloropropane	69.1	69.1	U
591-78-6	2-Hexanone	173	173	U
124-48-1	Dibromochloromethane	60.5	60.5	U

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1/4/00

ANALYSIS REPORT - EPA 8260

Sample: J4677-5-continue
Client Sample ID: S-03D
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/10/99 11.00
% Solids: 86.9%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	99.4	99.4	U
108-90-7	Chlorobenzene	47.5	47.5	U
630-20-6	1,1,1,2-Tetrachloroethane	151	151	U
100-41-4	Ethylbenzene	82.1	**77200**	
108-38-3	m,p-xylene	121	121	U
95-47-6	o-xylene	69.1	69.1	U
100-42-5	Styrene	99.4	99.4	U
75-25-2	Bromoform	38.9	38.9	U
98-82-8	Isopropylbenzene	112	**2000**	
108-86-1	Bromobenzene	117	117	U
79-34-5	1,1,2,2-Tetrachloroethane	95.0	95.0	U
103-65-1	n-Propylbenzene	90.7	**928**	
96-18-4	1,2,3-Trichloropropane	268	268	U
622-96-8	p-Ethyltoluene	69.1	69.1	U
108-67-8	1,3,5-Trimethylbenzene	147	147	U
95-49-8	2-Chlorotoluene	90.7	90.7	U
106-43-4	4-Chlorotoluene	156	156	U
98-06-6	tert-Butylbenzene	160	160	U
95-63-6	1,2,4-Trimethylbenzene	95.0	95.0	U
135-98-8	sec-Butylbenzene	121	121	U
99-87-6	4-Isopropyltoluene	104	104	U
541-73-1	1,3-Dichlorobenzene	56.2	56.2	U
106-46-7	1,4-Dichlorobenzene	34.6	34.6	U
95-50-1	1,2-Dichlorobenzene	60.5	60.5	U
105-05-5	p-Diethylbenzene	77.8	77.8	U
104-51-8	n-Butylbenzene	51.8	51.8	U
95-93-2	1,2,4,5-Tetramethylbenzene	82.1	82.1	U
96-12-8	1,2-Dibromo-3-chloropropane	229	229	U
120-82-1	1,2,4-Trichlorobenzene	82.1	82.1	U
87-68-3	Hexachlorobutadiene	143	143	U
91-20-3	Naphthalene	82.1	82.1	U
87-61-6	1,2,3-Trichlorobenzene	99.4	99.4	U

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1/4/00

ANALYSIS REPORT - EPA 8260

Sample: J4677-6

Client Sample ID: MW-3

Collected: 12/8/99 16.00

Matrix: Liquid

Type: Grab

Remarks: See case narrative

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.22	0.22	U
75-45-6	Chlorodifluoromethane	0.46	0.46	U
74-87-3	Chloromethane	0.38	0.38	U
75-01-4	Vinyl Chloride	0.41	0.41	U
74-83-9	Bromomethane	0.37	0.37	U
75-00-3	Chloroethane	0.25	0.25	U
75-69-4	Trichlorofluoromethane	0.32	0.32	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.26	0.26	U
75-35-4	1,1-Dichloroethene	0.48	0.48	U
67-64-1	Acetone	1.30	1.30	U
75-15-0	Carbon disulfide	0.21	0.21	U
75-09-2	Methylene Chloride	0.30	0.30	U
156-60-5	t-1,2-Dichloroethene	0.28	0.28	U
1634-04-4	Methyl t-butyl ether	0.23	0.23	U
75-34-3	1,1-Dichloroethane	0.18	0.18	U
590-20-7	2,2-Dichloropropane	0.37	0.37	U
156-59-2	c-1,2-Dichloroethene	0.34	0.34	U
78-93-3	2-Butanone	0.82	0.82	U
74-97-5	Bromochloromethane	0.26	0.26	U
67-66-3	Chloroform	0.26	0.26	U
71-55-6	1,1,1-Trichloroethane	0.31	0.31	U
56-23-5	Carbon Tetrachloride	0.34	0.34	U
563-58-6	1,1-Dichloropropene	0.68	0.68	U
71-43-2	Benzene	0.14	0.14	U
107-06-2	1,2-Dichloroethane	0.19	0.19	U
79-01-6	Trichloroethene	0.27	0.27	U
78-87-5	1,2-Dichloropropane	0.12	0.12	U
74-95-3	Dibromomethane	0.31	0.31	U
75-27-4	Bromodichloromethane	0.12	0.12	U
110-75-8	2-Chloroethylvinylether	0.37	0.37	U
10061-01-5	c-1,3-Dichloropropene	0.19	0.19	U
108-10-1	4-Methyl-2-pentanone	0.45	0.45	U
108-88-3	Toluene	0.16	2.00	
10061-02-6	t-1,3-Dichloropropene	0.16	0.16	U
79-00-5	1,1,2-Trichloroethane	0.37	0.37	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.11	0.11	U
591-78-6	2-Hexanone	0.49	0.49	U
124-48-1	Dibromochloromethane	0.18	0.18	U

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ANALYSIS REPORT - EPA 8260

Sample: J4677-6-continue
Client Sample ID: MW-3
Matrix: Liquid
Remarks: See case narrative

Type: Grab

Collected: 12/8/99 16.00

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.14	0.14	U
108-90-7	Chlorobenzene	0.21	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane	0.32	0.32	U
100-41-4	Ethylbenzene	0.21	0.21	U
108-38-3	m,p-xylene	0.45	**4.10**	
95-47-6	o-xylene	0.27	**0.94**	
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.20	0.20	U
98-82-8	Isopropylbenzene	0.21	0.21	U
108-86-1	Bromobenzene	0.19	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	0.14	0.14	U
103-65-1	n-Propylbenzene	0.28	0.28	U
96-18-4	1,2,3-Trichloropropane	0.44	0.44	U
622-96-8	p-Ethyltoluene	0.34	0.34	U
108-67-8	1,3,5-Trimethylbenzene	0.30	0.30	U
95-49-8	2-Chlorotoluene	0.27	0.27	U
106-43-4	4-Chlorotoluene	0.14	0.14	U
98-06-6	tert-Butylbenzene	0.29	0.29	U
95-63-6	1,2,4-Trimethylbenzene	0.25	0.25	U
135-98-8	sec-Butylbenzene	0.25	0.25	U
99-87-6	4-Isopropyltoluene	0.31	0.31	U
541-73-1	1,3-Dichlorobenzene	0.11	0.11	U
106-46-7	1,4-Dichlorobenzene	0.14	0.14	U
95-50-1	1,2-Dichlorobenzene	0.19	0.19	U
105-05-5	p-Diethylbenzene	0.32	0.32	U
104-51-8	n-Butylbenzene	0.27	0.27	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.42	0.42	U
120-82-1	1,2,4-Trichlorobenzene	0.27	0.27	U
87-68-3	Hexachlorobutadiene	0.32	0.32	U
91-20-3	Naphthalene	0.18	0.18	U
87-61-6	1,2,3-Trichlorobenzene	0.13	0.13	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4677-1
Client Sample ID: W-02 Collected: 12/9/99 15.45
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/16/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	1.53	1.53	U
111-44-4	bis(2-Chloroethyl)ether	1.53	1.53	U
95-57-8	2-Chlorophenol	1.22	1.22	U
541-73-1	1,3-Dichlorobenzene	1.50	1.50	U
106-46-7	1,4-Dichlorobenzene	1.48	1.48	U
100-51-6	Benzyl alcohol	1.38	0.81	J
95-50-1	1,2-Dichlorobenzene	1.51	1.51	U
95-48-7	2-Methylphenol	1.70	1.70	U
108-60-1	bis(2-Chloroisopropyl)ether	0.86	0.86	U
106-44-5	3,4-Methylphenol	1.55	1.55	U
621-64-7	N-Nitroso-di-n-propylamine	1.84	1.84	U
67-72-1	Hexachloroethane	1.87	1.87	U
98-95-3	Nitrobenzene	1.74	1.74	U
78-59-1	Isophorone	1.88	1.88	U
88-75-5	2-Nitrophenol	1.55	1.55	U
105-67-9	2,4-Dimethylphenol	1.92	0.41	J
65-85-0	Benzoic acid	10.3	10.3	U
111-91-1	bis(2-Chloroethoxy)methane	2.10	2.10	U
120-83-2	2,4-Dichlorophenol	1.49	1.49	U
120-82-1	1,2,4-Trichlorobenzene	0.54	0.54	U
91-20-3	Naphthalene	1.78	1.78	U
106-47-8	4-Chloroaniline	1.45	1.45	U
87-68-3	Hexachlorobutadiene	10.0	10.0	U
59-50-7	4-Chloro-3-methylphenol	1.53	1.53	U
91-57-6	2-Methylnaphthalene	1.85	1.85	U
77-47-4	Hexachlorocyclopentadiene	4.66	4.66	U
88-06-2	2,4,6-Trichlorophenol	1.51	1.51	U
95-95-4	2,4,5-Trichlorophenol	1.68	1.68	U
91-58-7	2-Chloronaphthalene	1.76	1.76	U
88-74-4	2-Nitroaniline	2.24	2.24	U
131-11-3	Dimethyl phthalate	3.98	3.98	U
208-96-8	Acenaphthylene	2.25	2.25	U
606-20-2	2,6-Dinitrotoluene	1.85	1.85	U
99-09-2	3-Nitroaniline	1.55	1.55	U
83-32-9	Acenaphthene	1.78	1.78	U
51-28-5	2,4-Dinitrophenol	9.62	9.62	U
100-02-7	4-Nitrophenol	5.00	5.00	U
132-64-9	Dibenzofuran	2.10	2.10	U
121-14-2	2,4-Dinitrotoluene	1.94	1.94	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4677-1-continue

Client Sample ID: W-02 Collected: 12/9/99 15.45

Matrix: Liquid Type: Grab

Remarks:

Analyzed: 12/16/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.51	0.69	J
7005-72-3	4-Chlorophenyl-phenyl ether	2.13	2.13	U
86-73-7	Fluorene	2.16	2.16	U
100-01-6	4-Nitroaniline	1.43	1.43	U
534-52-1	4,6-Dinitro-2-methylphenol	10.2	10.2	U
86-30-6	N-nitrosodiphenylamine	1.96	1.96	U
101-55-3	4-Bromophenyl-phenylether	2.03	2.03	U
118-74-1	Hexachlorobenzene	2.27	2.27	U
87-86-5	Pentachlorophenol	50.0	50.0	U
85-01-8	Phenanthrene	1.98	1.98	U
120-12-7	Anthracene	1.78	1.78	U
84-74-2	Di-n-butylphthalate	2.38	2.38	U
206-44-0	Fluoranthene	2.22	2.22	U
129-00-0	Pyrene	2.00	2.00	U
85-68-7	Butylbenzylphthalate	3.43	3.43	U
91-94-1	3,3'-Dichlorobenzidine	2.56	2.56	U
56-55-3	Benzo(a)anthracene	1.87	1.87	U
218-01-9	Chrysene	2.16	2.16	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.93	0.93	U
117-84-0	Di-n-octylphthalate	2.87	2.87	U
205-99-2	Benzo(b)fluoranthene	1.80	1.80	U
207-08-9	Benzo(k)fluoranthene	2.10	2.10	U
50-32-8	Benzo(a)pyrene	1.91	1.91	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.12	2.12	U
53-70-3	Dibenzo(a,h)anthracene	2.13	2.13	U
191-24-2	Benzo(g,h,i)perylene	2.34	2.34	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4677-3

Client Sample ID: S-03B

Matrix: Soil Type: Grab

Remarks: See case narrative

Collected: 12/10/99 10.25

% Solids: 87.7%

Analyzed: 12/16/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	49.0	49.0	U
111-44-4	bis(2-Chloroethyl)ether	43.3	43.3	U
95-57-8	2-Chlorophenol	389	389	U
541-73-1	1,3-Dichlorobenzene	17.1	17.1	U
106-46-7	1,4-Dichlorobenzene	36.5	36.5	U
100-51-6	Benzyl alcohol	432	432	U
95-50-1	1,2-Dichlorobenzene	30.8	30.8	U
95-48-7	2-Methylphenol	38.8	38.8	U
108-60-1	bis(2-Chloroisopropyl)ether	70.7	70.7	U
106-44-5	3,4-Methylphenol	41.0	41.0	U
621-64-7	N-Nitroso-di-n-propylamine	92.3	92.3	U
67-72-1	Hexachloroethane	45.6	45.6	U
98-95-3	Nitrobenzene	29.6	29.6	U
78-59-1	Isophorone	50.2	50.2	U
88-75-5	2-Nitrophenol	238	238	U
105-67-9	2,4-Dimethylphenol	316	316	U
65-85-0	Benzoic acid	512	512	U
111-91-1	bis(2-Chloroethoxy)methane	34.2	34.2	U
120-83-2	2,4-Dichlorophenol	17.1	17.1	U
120-82-1	1,2,4-Trichlorobenzene	34.2	34.2	U
91-20-3	Naphthalene	29.6	**172**	
106-47-8	4-Chloroaniline	122	122	U
87-68-3	Hexachlorobutadiene	49.0	49.0	U
59-50-7	4-Chloro-3-methylphenol	361	361	U
91-57-6	2-Methylnaphthalene	39.9	**854**	
77-47-4	Hexachlorocyclopentadiene	663	663	U
88-06-2	2,4,6-Trichlorophenol	307	307	U
95-95-4	2,4,5-Trichlorophenol	279	279	U
91-58-7	2-Chloronaphthalene	26.2	26.2	U
88-74-4	2-Nitroaniline	303	303	U
131-11-3	Dimethyl phthalate	63.8	63.8	U
208-96-8	Acenaphthylene	33.1	33.1	U
606-20-2	2,6-Dinitrotoluene	300	300	U
99-09-2	3-Nitroaniline	156	156	U
83-32-9	Acenaphthene	33.1	**169**	
51-28-5	2,4-Dinitrophenol	473	473	U
100-02-7	4-Nitrophenol	319	319	U
132-64-9	Dibenzofuran	38.8	38.8	U
121-14-2	2,4-Dinitrotoluene	307	307	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4677-3-continue
Client Sample ID: S-03B
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/10/99 10.25
% Solids: 87.7%

Analyzed: 12/16/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	96.9	96.9	U
7005-72-3	4-Chlorophenyl-phenyl ether	52.4	52.4	U
86-73-7	Fluorene	46.7	**235**	
100-01-6	4-Nitroaniline	180	180	U
534-52-1	4,6-Dinitro-2-methylphenol	235	235	U
86-30-6	N-nitrosodiphenylamine	71.8	71.8	U
101-55-3	4-Bromophenyl-phenylether	65.0	65.0	U
118-74-1	Hexachlorobenzene	106	106	U
87-86-5	Pentachlorophenol	220	220	U
85-01-8	Phenanthrene	65.0	**1060**	
120-12-7	Anthracene	59.3	**292**	
84-74-2	Di-n-butylphthalate	115	115	U
206-44-0	Fluoranthene	77.5	**1010**	
129-00-0	Pyrene	78.7	**1280**	
85-68-7	Butylbenzylphthalate	141	141	U
91-94-1	3,3'-Dichlorobenzidine	294	294	U
56-55-3	Benzo(a)anthracene	73.0	**388**	
218-01-9	Chrysene	71.8	**463**	
117-81-7	bis(2-Ethylhexyl)phthalate	140	**204**	B
117-84-0	Di-n-octylphthalate	84.4	84.4	U
205-99-2	Benzo(b)fluoranthene	62.7	**231**	
207-08-9	Benzo(k)fluoranthene	76.4	**239**	
50-32-8	Benzo(a)pyrene	59.3	**270**	
193-39-5	Indeno(1,2,3-cd)pyrene	65.0	**112**	
53-70-3	Dibenzo(a,h)anthracene	65.0	65.0	U
191-24-2	Benzo(g,h,i)perylene	76.4	**122**	

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4677-4
Client Sample ID: S-03C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/10/99 10.45
% Solids: 87.5%

Analyzed: 12/16/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	26.3	26.3	U
111-44-4	bis(2-Chloroethyl)ether	37.7	37.7	U
95-57-8	2-Chlorophenol	34.3	34.3	U
541-73-1	1,3-Dichlorobenzene	20.2	20.2	U
106-46-7	1,4-Dichlorobenzene	34.5	34.5	U
100-51-6	Benzyl alcohol	24.5	24.5	U
95-50-1	1,2-Dichlorobenzene	37.4	37.4	U
95-48-7	2-Methylphenol	43.1	43.1	U
108-60-1	bis(2-Chloroisopropyl)ether	51.1	51.1	U
106-44-5	3,4-Methylphenol	144	144	U
621-64-7	N-Nitroso-di-n-propylamine	45.3	45.3	U
67-72-1	Hexachloroethane	51.4	51.4	U
98-95-3	Nitrobenzene	39.6	39.6	U
78-59-1	Isophorone	40.7	40.7	U
88-75-5	2-Nitrophenol	57.8	57.8	U
105-67-9	2,4-Dimethylphenol	39.1	**72.0**	
65-85-0	Benzoic acid	241	241	U
111-91-1	bis(2-Chloroethoxy)methane	33.3	33.3	U
120-83-2	2,4-Dichlorophenol	59.2	59.2	U
120-82-1	1,2,4-Trichlorobenzene	32.1	32.1	U
91-20-3	Naphthalene	30.7	30.7	U
106-47-8	4-Chloroaniline	28.4	28.4	U
87-68-3	Hexachlorobutadiene	40.7	40.7	U
59-50-7	4-Chloro-3-methylphenol	67.1	67.1	U
91-57-6	2-Methylnaphthalene	43.1	43.1	U
77-47-4	Hexachlorocyclopentadiene	30.6	30.6	U
88-06-2	2,4,6-Trichlorophenol	44.9	44.9	U
95-95-4	2,4,5-Trichlorophenol	65.3	65.3	U
91-58-7	2-Chloronaphthalene	31.5	31.5	U
88-74-4	2-Nitroaniline	66.5	66.5	U
131-11-3	Dimethyl phthalate	59.5	59.5	U
208-96-8	Acenaphthylene	40.2	40.2	U
606-20-2	2,6-Dinitrotoluene	49.0	49.0	U
99-09-2	3-Nitroaniline	111	111	U
83-32-9	Acenaphthene	44.6	44.6	U
51-28-5	2,4-Dinitrophenol	97.6	97.6	U
100-02-7	4-Nitrophenol	220	220	U
132-64-9	Dibenzofuran	47.2	47.2	U
121-14-2	2,4-Dinitrotoluene	62.4	62.4	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4677-4-continue

Client Sample ID: S-03C — Collected: 12/10/99 10.45

Matrix: Soil — Type: Grab — % Solids: 87.5%

Remarks:

Analyzed: 12/16/99 — Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	101	101	U
7005-72-3	4-Chlorophenyl-phenyl ether	58.9	58.9	U
86-73-7	Fluorene	44.5	44.5	U
100-01-6	4-Nitroaniline	91.4	91.4	U
534-52-1	4,6-Dinitro-2-methylphenol	90.9	90.9	U
86-30-6	N-nitrosodiphenylamine	82.5	82.5	U
101-55-3	4-Bromophenyl-phenylether	62.6	62.6	U
118-74-1	Hexachlorobenzene	70.1	70.1	U
87-86-5	Pentachlorophenol	113	113	U
85-01-8	Phenanthrene	64.6	**62.9**	J
120-12-7	Anthracene	59.4	59.4	U
84-74-2	Di-n-butylphthalate	98.5	98.5	U
206-44-0	Fluoranthene	75.4	**88.0**	
129-00-0	Pyrene	71.3	**77.7**	
85-68-7	Butylbenzylphthalate	101	101	U
91-94-1	3,3'-Dichlorobenzidine	96.8	96.8	U
56-55-3	Benzo(a)anthracene	69.2	69.2	U
218-01-9	Chrysene	70.5	**53.7**	J
117-81-7	bis(2-Ethylhexyl)phthalate	116	116	U
117-84-0	Di-n-octylphthalate	102	102	U
205-99-2	Benzo(b)fluoranthene	83.8	83.8	U
207-08-9	Benzo(k)fluoranthene	89.8	89.8	U
50-32-8	Benzo(a)pyrene	77.7	77.7	U
193-39-5	Indeno(1,2,3-cd)pyrene	126	126	U
53-70-3	Dibenzo(a,h)anthracene	117	117	U
191-24-2	Benzo(g,h,i)perylene	82.2	82.2	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4677-5
Client Sample ID: S-03D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/10/99 11.00
% Solids: 86.9%

Analyzed: 12/16/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	95.2	95.2	U
111-44-4	bis(2-Chloroethyl)ether	437	437	U
95-57-8	2-Chlorophenol	422	422	U
541-73-1	1,3-Dichlorobenzene	147	147	U
106-46-7	1,4-Dichlorobenzene	144	144	U
100-51-6	Benzyl alcohol	396	396	U
95-50-1	1,2-Dichlorobenzene	134	134	U
95-48-7	2-Methylphenol	395	395	U
108-60-1	bis(2-Chloroisopropyl)ether	327	327	U
106-44-5	3,4-Methylphenol	876	876	U
621-64-7	N-Nitroso-di-n-propylamine	393	393	U
67-72-1	Hexachloroethane	129	129	U
98-95-3	Nitrobenzene	99.7	99.7	U
78-59-1	Isophorone	380	380	U
88-75-5	2-Nitrophenol	96.3	96.3	U
105-67-9	2,4-Dimethylphenol	358	358	U
65-85-0	Benzoic acid	398	398	U
111-91-1	bis(2-Chloroethoxy)methane	427	427	U
120-83-2	2,4-Dichlorophenol	429	429	U
120-82-1	1,2,4-Trichlorobenzene	138	138	U
91-20-3	Naphthalene	129	**90.5**	J
106-47-8	4-Chloroaniline	139	139	U
87-68-3	Hexachlorobutadiene	157	157	U
59-50-7	4-Chloro-3-methylphenol	320	320	U
91-57-6	2-Methylnaphthalene	450	**60.3**	J
77-47-4	Hexachlorocyclopentadiene	1000	1000	U
88-06-2	2,4,6-Trichlorophenol	381	381	U
95-95-4	2,4,5-Trichlorophenol	340	340	U
91-58-7	2-Chloronaphthalene	450	450	U
88-74-4	2-Nitroaniline	280	280	U
131-11-3	Dimethyl phthalate	134	134	U
208-96-8	Acenaphthylene	130	130	U
606-20-2	2,6-Dinitrotoluene	317	317	U
99-09-2	3-Nitroaniline	176	176	U
83-32-9	Acenaphthene	148	**145**	J
51-28-5	2,4-Dinitrophenol	604	604	U
100-02-7	4-Nitrophenol	235	235	U
132-64-9	Dibenzofuran	344	**132**	J
121-14-2	2,4-Dinitrotoluene	292	292	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4677-5-continue
Client Sample ID: S-03D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/10/99 11.00
% Solids: 86.9%

Analyzed: 12/16/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	159	159	U
7005-72-3	4-Chlorophenyl-phenyl ether	326	326	U
86-73-7	Fluorene	143	**178**	
100-01-6	4-Nitroaniline	340	340	U
534-52-1	4,6-Dinitro-2-methylphenol	277	277	U
86-30-6	N-nitrosodiphenylamine	239	239	U
101-55-3	4-Bromophenyl-phenylether	248	248	U
118-74-1	Hexachlorobenzene	149	149	U
87-86-5	Pentachlorophenol	599	599	U
85-01-8	Phenanthrene	166	**1150**	
120-12-7	Anthracene	171	**276**	
84-74-2	Di-n-butylphthalate	186	186	U
206-44-0	Fluoranthene	190	**1090**	
129-00-0	Pyrene	185	**821**	
85-68-7	Butylbenzylphthalate	279	279	U
91-94-1	3,3'-Dichlorobenzidine	245	245	U
56-55-3	Benzo(a)anthracene	160	**495**	
218-01-9	Chrysene	208	**528**	
117-81-7	bis(2-Ethylhexyl)phthalate	190	**161**	JB
117-84-0	Di-n-octylphthalate	354	354	U
205-99-2	Benzo(b)fluoranthene	199	**551**	
207-08-9	Benzo(k)fluoranthene	348	**517**	
50-32-8	Benzo(a)pyrene	189	**486**	
193-39-5	Indeno(1,2,3-cd)pyrene	223	**353**	
53-70-3	Dibenzo(a,h)anthracene	228	**130**	J
191-24-2	Benzo(g,h,i)perylene	209	**371**	

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4677-1
Client Sample ID: W-02
Matrix: Liquid
Remarks:

Collected: 12/9/99 15.45
Type: Grab

Analyzed: 12/16/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 101	0.080	0.080	U
11104-28-2	PCB 122	0.030	0.030	U
11141-16-5	PCB 123	0.11	0.11	U
53469-21-9	PCB 124	0.020	0.020	U
12672-29-6	PCB 124	0.090	0.090	U
11097-69-1	PCB 125	0.040	0.040	U
11096-82-5	PCB 126	0.080	0.080	U

Sample: J4677-3
Client Sample ID: S-03B
Matrix: Soil
Remarks:

Collected: 12/10/99 10.25
Type: Grab
% Solids: 87.7%

Analyzed: 12/18/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 101	4.23	4.23	U
11104-28-2	PCB 122	18.0	18.0	U
11141-16-5	PCB 123	9.55	9.55	U
53469-21-9	PCB 124	4.00	4.00	U
12672-29-6	PCB 124	9.06	9.06	U
11097-69-1	PCB 125	2.11	**3620**	
11096-82-5	PCB 126	6.00	6.00	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4677-4
Client Sample ID: S-03C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/10/99 10.45
% Solids: 87.5%

Analyzed: 12/18/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.27	4.27	U
11104-28-2	PCB 1221	18.2	18.2	U
11141-16-5	PCB 1232	9.64	9.64	U
53469-21-9	PCB 1242	4.03	4.03	U
12672-29-6	PCB 1248	9.14	9.14	U
11097-69-1	PCB 1254	2.12	2.12	U
11096-82-5	PCB 1260	6.06	6.06	U

Sample: J4677-5
Client Sample ID: S-03D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/10/99 11.00
% Solids: 86.9%

Analyzed: 12/18/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.12	4.12	U
11104-28-2	PCB 1221	17.5	17.5	U
11141-16-5	PCB 1232	9.30	9.30	U
53469-21-9	PCB 1242	3.89	3.89	U
12672-29-6	PCB 1248	8.82	8.82	U
11097-69-1	PCB 1254	2.05	71.6	
11096-82-5	PCB 1260	5.84	5.84	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4677-1
Client Sample ID: W-02 Collected: 12/9/99 15.45
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/16/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	0.015	U
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.022	0.022	U
319-86-8	d-BHC	0.012	0.012	U
309-00-2	Aldrin	0.015	0.015	U
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	0.015	U
72-20-8	Endrin	0.017	0.017	U
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.017	0.017	U
50-29-3	4,4'-DDT	0.0050	0.0050	U
7421-36-3	Endrin aldehyde	0.0050	0.0050	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.012	0.012	U
5103-74-2	gamma-Chlordane	0.012	0.012	U
57-74-9	Chlordane	0.030	0.030	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0060	0.0060	U
53494-70-5	Endrin ketone	0.020	0.020	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4677-3
Client Sample ID: S-03B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/10/99 10.25
% Solids: 87.7%

Analyzed: 12/18/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.62	0.62	U
58-89-9	g-BHC (Lindane)	0.67	0.67	U
319-85-7	b-BHC	1.99	1.99	U
76-44-8	Heptachlor	0.84	0.84	U
319-86-8	d-BHC	1.52	1.52	U
309-00-2	Aldrin	0.67	0.67	U
1024-57-3	Heptachlor epoxide	0.83	0.83	U
959-98-8	Endosulfan I	0.57	0.57	U
72-55-9	4,4'-DDE	0.53	0.53	U
60-57-1	Dieldrin	0.46	0.46	U
72-20-8	Endrin	0.80	0.80	U
72-54-8	4,4'-DDD	0.54	0.54	U
33213-65-9	Endosulfan II	0.52	0.52	U
50-29-3	4,4'-DDT	1.88	1.88	U
7421-36-3	Endrin aldehyde	0.56	0.56	U
1031-07-8	Endosulfan sulfate	0.49	0.49	U
5103-71-9	alpha-Chlordane	0.59	0.59	U
5103-74-2	gamma-Chlordane	0.46	0.46	U
57-74-9	Chlordane	3.61	3.61	U
8001-35-2	Toxaphene	20.7	20.7	U
72-43-5	Methoxychlor	1.96	1.96	U
53494-70-5	Endrin ketone	0.63	0.63	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4677-4
Client Sample ID: S-03C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/10/99 10.45
% Solids: 87.5%

Analyzed: 12/18/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.62	0.62	U
58-89-9	g-BHC (Lindane)	0.68	0.68	U
319-85-7	b-BHC	2.01	2.01	U
76-44-8	Heptachlor	0.85	0.85	U
319-86-8	d-BHC	1.54	1.54	U
309-00-2	Aldrin	0.68	0.68	U
1024-57-3	Heptachlor epoxide	0.84	0.84	U
959-98-8	Endosulfan I	0.58	0.58	U
72-55-9	4,4'-DDE	0.53	0.53	U
60-57-1	Dieldrin	0.46	0.46	U
72-20-8	Endrin	0.80	0.80	U
72-54-8	4,4'-DDD	0.54	0.54	U
33213-65-9	Endosulfan II	0.52	0.52	U
50-29-3	4,4'-DDT	1.90	1.90	U
7421-36-3	Endrin aldehyde	0.56	0.56	U
1031-07-8	Endosulfan sulfate	0.50	0.50	U
5103-71-9	alpha-Chlordane	0.60	0.60	U
5103-74-2	gamma-Chlordane	0.46	0.46	U
57-74-9	Chlordane	3.64	3.64	U
8001-35-2	Toxaphene	20.9	20.9	U
72-43-5	Methoxychlor	1.98	1.98	U
53494-70-5	Endrin ketone	0.63	0.63	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4677-5
Client Sample ID: S-03D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/10/99 11.00
% Solids: 86.9%

Analyzed: 12/18/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.60	0.60	U
58-89-9	g-BHC (Lindane)	0.65	0.65	U
319-85-7	b-BHC	1.94	1.94	U
76-44-8	Heptachlor	0.82	0.82	U
319-86-8	d-BHC	1.48	1.48	U
309-00-2	Aldrin	0.65	0.65	U
1024-57-3	Heptachlor epoxide	0.81	0.81	U
959-98-8	Endosulfan I	0.56	0.56	U
72-55-9	4,4'-DDE	0.51	0.51	U
60-57-1	Dieldrin	0.45	0.45	U
72-20-8	Endrin	0.77	0.77	U
72-54-8	4,4'-DDD	0.52	0.52	U
33213-65-9	Endosulfan II	0.50	0.50	U
50-29-3	4,4'-DDT	1.83	1.83	U
7421-36-3	Endrin aldehyde	0.55	0.55	U
1031-07-8	Endosulfan sulfate	0.48	0.48	U
5103-71-9	alpha-Chlordane	0.58	0.58	U
5103-74-2	gamma-Chlordane	0.45	0.45	U
57-74-9	Chlordane	3.51	3.51	U
8001-35-2	Toxaphene	20.2	20.2	U
72-43-5	Methoxychlor	1.91	1.91	U
53494-70-5	Endrin ketone	0.61	0.61	U

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ANALYSIS REPORT - METALS

Sample: J4677-1

Client Sample ID: W-02 Collected: 12/9/99 15.45

Matrix: Liquid Type: Grab

Remarks:

Analyzed: 12/16/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**26.0**	
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	0.0067	U
7440-39-3	Barium	0.11	**1.19**	
7440-41-7	Beryllium	0.0022	**0.0030**	
7440-43-9	Cadmium	0.0033	**0.0020**	J
7440-70-2	Calcium	1.11	**211**	
7440-47-3	Chromium	0.0056	**0.10**	
7440-48-4	Cobalt	0.011	**0.057**	
7440-50-8	Copper	0.011	**0.057**	
7439-89-6	Iron	0.11	**71.5**	
7439-92-1	Lead	0.0022	**0.039**	
7439-95-4	Magnesium	1.11	**92.5**	
7439-96-5	Manganese	0.011	**14.7**	
7439-97-6	Mercury	0.000050	**0.000051**	
7440-02-0	Nickel	0.011	**0.080**	
7440-09-7	Potassium	1.11	**39.8**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	**0.0010**	J
7440-23-5	Sodium	1.11	**951**	
7440-28-0	Thallium	0.060	**0.034**	J
7440-62-2	Vanadium	0.011	**0.090**	
7440-66-6	Zinc	0.011	**0.23**	

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ANALYSIS REPORT - METALS

Sample: J4677-3
Client Sample ID: S-03B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/10/99 10.25
% Solids: 87.7%

Analyzed: 12/15/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.6	4400	
7440-36-0	Antimony	1.14	1.14	U
7440-38-2	Arsenic	0.68	0.68	U
7440-39-3	Barium	11.4	**146**	
7440-41-7	Beryllium	0.23	**0.18**	J
7440-43-9	Cadmium	0.34	**2.85**	
7440-70-2	Calcium	114	**20000**	
7440-47-3	Chromium	0.57	**14.6**	
7440-48-4	Cobalt	1.14	**7.52**	
7440-50-8	Copper	1.14	**573**	
7439-89-6	Iron	11.4	**29600**	
7439-92-1	Lead	0.23	**752**	
7439-95-4	Magnesium	114	**12900**	
7439-96-5	Manganese	1.14	**369**	
7439-97-6	Mercury	0.0100	**1.06**	
7440-02-0	Nickel	1.14	**39.6**	
7440-09-7	Potassium	114	**694**	
7782-49-2	Selenium	0.57	0.57	U
7440-22-4	Silver	0.91	0.91	U
7440-23-5	Sodium	114	114	U
7440-28-0	Thallium	6.16	6.16	U
7440-62-2	Vanadium	1.14	**30.1**	
7440-66-6	Zinc	1.14	**495**	

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1/4/00

ANALYSIS REPORT - METALS

Sample: J4677-4
Client Sample ID: S-03C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/10/99 10.45
% Solids: 87.5%

Analyzed: 12/15/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.6	7190	
7440-36-0	Antimony	1.14	1.14	U
7440-38-2	Arsenic	0.68	2.96	
7440-39-3	Barium	11.4	58.8	
7440-41-7	Beryllium	0.23	0.37	
7440-43-9	Cadmium	0.34	0.79	
7440-70-2	Calcium	114	520	
7440-47-3	Chromium	0.57	27.4	
7440-48-4	Cobalt	1.14	9.01	
7440-50-8	Copper	1.14	11.6	
7439-89-6	Iron	11.4	27100	
7439-92-1	Lead	0.23	7.98	
7439-95-4	Magnesium	114	2630	
7439-96-5	Manganese	1.14	569	
7439-97-6	Mercury	0.0100	0.0082	J
7440-02-0	Nickel	1.14	15.3	
7440-09-7	Potassium	114	2120	
7782-49-2	Selenium	0.57	0.57	U
7440-22-4	Silver	0.91	0.91	U
7440-23-5	Sodium	114	1310	
7440-28-0	Thallium	6.16	6.16	U
7440-62-2	Vanadium	1.14	44.5	
7440-66-6	Zinc	1.14	45.6	

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1/4/00

ANALYSIS REPORT - METALS

Sample: J4677-5

Client Sample ID: S-03D

Matrix: Soil

Remarks:

Type: Grab

Collected: 12/10/99 11.00

% Solids: 86.9%

Analyzed: 12/15/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.7	**3850**	
7440-36-0	Antimony	1.15	1.15	U
7440-38-2	Arsenic	0.69	**0.66**	J
7440-39-3	Barium	11.5	**19.9**	
7440-41-7	Beryllium	0.23	**0.12**	J
7440-43-9	Cadmium	0.34	**0.12**	J
7440-70-2	Calcium	115	**392**	
7440-47-3	Chromium	0.57	**8.17**	
7440-48-4	Cobalt	1.15	**2.88**	
7440-50-8	Copper	1.15	**6.21**	
7439-89-6	Iron	11.5	**8200**	
7439-92-1	Lead	0.23	**3.45**	
7439-95-4	Magnesium	115	**1220**	
7439-96-5	Manganese	1.15	**137**	
7439-97-6	Mercury	0.0100	**0.0085**	J
7440-02-0	Nickel	1.15	**7.25**	
7440-09-7	Potassium	115	**662**	
7782-49-2	Selenium	0.57	0.57	U
7440-22-4	Silver	0.92	0.92	U
7440-23-5	Sodium	115	**539**	
7440-28-0	Thallium	6.21	**52.7**	
7440-62-2	Vanadium	1.15	**11.5**	
7440-66-6	Zinc	1.15	**15.5**	

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1/4/00

ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4677-1
Client Sample ID: W-02
Matrix: Liquid
Remarks:

Collected: 12/9/99 15.45
Type: Grab

Analyzed: 12/16/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	0.063	J
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	0.0067	U
7440-39-3	Barium	0.11	0.42	
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	0.0033	U
7440-70-2	Calcium	1.11	171	
7440-47-3	Chromium	0.0056	0.0056	U
7440-48-4	Cobalt	0.011	0.013	
7440-50-8	Copper	0.011	0.011	U
7439-89-6	Iron	0.11	15.6	
7439-92-1	Lead	0.0022	0.0030	
7439-95-4	Magnesium	1.11	75.2	
7439-96-5	Manganese	0.011	11.5	
7439-97-6	Mercury	0.000050	0.000039	J
7440-02-0	Nickel	0.011	0.022	
7440-09-7	Potassium	1.11	28.9	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	0.0020	J
7440-23-5	Sodium	1.11	892	
7440-28-0	Thallium	0.060	0.059	J
7440-62-2	Vanadium	0.011	0.0010	J
7440-66-6	Zinc	0.011	0.078	

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ANALYSIS REPORT - WET LAB

Sample: J4677-1
Client Sample ID: W-02
Matrix: Liquid
Remarks:

Collected: 12/9/99 15.45
Type: Grab

Analyzed	Parameter	MDL	Result	Q	Units
12/15/99	Cyanide	0.0060	0.0060	U	ppm

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1/4/00

CASE NARRATIVE

8270

Samples 3 and 5
Bis(2 ethylhexyl)phthalate, a common laboratory contaminant, was found in the blank associated with these samples.

8260

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

- Acetone
- 2-Butanone
- 4-Methyl,2-pentanone
- 2-Hexanone

M&P-Xylenes were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 10, 20, 50, 100 and 150 ppb levels.

Samples were quantitated using the continuing calibration standard response factor as opposed to the initial calibration average response factor.

Reviewed by: _____

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1/4/00

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is a non-detect.

J - Indicates an estimated value. The concentration was detected lower than the Contract Required Detection Limit, but greater than the Method Detection Limit.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag identifies all compounds identified in an analysis at a secondary dilution.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - entered when the analyte was analyzed for, but not detected.

Q - qualifier specific entries and their meanings are as follows:

E - the reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
NR - when the analyte is not required to be analyzed.
P - ICP
T - Titrimetric

ETL

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CHAIN OF CUSTODY DOCUMENT

J 4677

Project Name: North First Street | Project Manager: Ed Schwetz | Sampler (Signature): | (Print):

Project Address: North First Street

Client: Con Ed | J/N: | Rush by 10/20/99

SAMPLE INFO Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank. Matrix: L = Liquid; S = Soil; SL = Sludge; A* = Air; W = Wipe. *Air - Vol. (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH	VOCs	SVOCs	TAL Metals Filtered	TAL Metals Unfiltered	TAL Metals Hexavalent Chromium
1	12/9/99	1545	G	L	W-02 1-Broken Amber	10						✓				✓	✓	✓	✓	✓	
2	12/9/99	—	—	L	TB-3 1-Empty Vial	1										✓					
3	12/10/99	1025	G	S	S-03B	1						✓				✓	✓			✓	
4	12/10/99	1045	G	S	S-03C	1						✓				✓	✓			✓	
5	12/10/99	1100	G	S	S-03D	1						✓				✓	✓			✓	
6	12/8/99	1600	G	L	MW-3	3										✓					
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					
15																					

OFFICE COPY

Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received by (Signature):	Date / Time	Printed Name & Agent
	12/10/99 1830				
Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received for Lab by (Signature):	Date 12/11/99 Time 10C	Printed Name C. Rogers
Comments & Special Instructions		QA/QC Type: LEVEL-2	Number & Type of Containers: 3-Ambers 3-8 oz. 1-Broken Amber 2-500 P HNO3	Preservatives:	Temp: 5

Environmental Testing Laboratories, Inc.

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Phone - 516-249-1456 Fax - 516-249-8344

12/29/99

Custody Document J4678
Received: 12/11/99 11:00
Sampled by: N/A

Project: Con Ed North First Street

Manager: Ed Schwetz

Respectfully submitted,
Environmental Testing Laboratories,Inc.

Assistant Laboratory Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
VA Cert. # 108
CA Cert. # 2253
NH Cert. # 252592-BA
MA Cert. # NY061
RI Cert. # 161
PA Cert. # 68-535

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4678-1

Client Sample ID: TB-3 Collected: 12/8/99

Matrix: Liquid Type: Blank

Remarks: See case narrative

Analyzed: 12/15/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.22	0.22	U
75-45-6	Chlorodifluoromethane	0.46	0.46	U
74-87-3	Chloromethane	0.38	0.38	U
75-01-4	Vinyl Chloride	0.41	0.41	U
74-83-9	Bromomethane	0.37	0.37	U
75-00-3	Chloroethane	0.25	0.25	U
75-69-4	Trichlorofluoromethane	0.32	0.32	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.26	0.26	U
75-35-4	1,1-Dichloroethene	0.48	0.48	U
67-64-1	Acetone	1.30	1.30	U
75-15-0	Carbon disulfide	0.21	0.21	U
75-09-2	Methylene Chloride	0.30	0.30	U
156-60-5	t-1,2-Dichloroethene	0.28	0.28	U
1634-04-4	Methyl t-butyl ether	0.23	0.23	U
75-34-3	1,1-Dichloroethane	0.18	0.18	U
590-20-7	2,2-Dichloropropane	0.37	0.37	U
156-59-2	c-1,2-Dichloroethene	0.34	0.34	U
78-93-3	2-Butanone	0.82	0.82	U
74-97-5	Bromochloromethane	0.26	0.26	U
67-66-3	Chloroform	0.26	0.26	U
71-55-6	1,1,1-Trichloroethane	0.31	0.31	U
56-23-5	Carbon Tetrachloride	0.34	0.34	U
563-58-6	1,1-Dichloropropene	0.68	0.68	U
71-43-2	Benzene	0.14	0.14	U
107-06-2	1,2-Dichloroethane	0.19	0.19	U
79-01-6	Trichloroethene	0.27	0.27	U
78-87-5	1,2-Dichloropropane	0.12	0.12	U
74-95-3	Dibromomethane	0.31	0.31	U
75-27-4	Bromodichloromethane	0.12	0.12	U
110-75-8	2-Chloroethylvinylether	0.37	0.37	U
10061-01-5	c-1,3-Dichloropropene	0.19	0.19	U
108-10-1	4-Methyl-2-pentanone	0.45	0.45	U
108-88-3	Toluene	0.16	0.16	U
10061-02-6	t-1,3-Dichloropropene	0.16	0.16	U
79-00-5	1,1,2-Trichloroethane	0.37	0.37	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.11	0.11	U
591-78-6	2-Hexanone	0.49	0.49	U
124-48-1	Dibromochloromethane	0.18	0.18	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4678-1-continue
Client Sample ID: TB-3 Collected: 12/8/99
Matrix: Liquid Type: Blank
Remarks: See case narrative

Analyzed: 12/15/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.14	0.14	U
108-90-7	Chlorobenzene	0.21	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane	0.32	0.32	U
100-41-4	Ethylbenzene	0.21	0.21	U
108-38-3	m,p-xylene	0.45	0.45	U
95-47-6	o-xylene	0.27	0.27	U
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.20	0.20	U
98-82-8	Isopropylbenzene	0.21	0.21	U
108-86-1	Bromobenzene	0.19	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	0.14	0.14	U
103-65-1	n-Propylbenzene	0.28	0.28	U
96-18-4	1,2,3-Trichloropropane	0.44	0.44	U
622-96-8	p-Ethyltoluene	0.34	0.34	U
108-67-8	1,3,5-Trimethylbenzene	0.30	0.30	U
95-49-8	2-Chlorotoluene	0.27	0.27	U
106-43-4	4-Chlorotoluene	0.14	0.14	U
98-06-6	tert-Butylbenzene	0.29	0.29	U
95-63-6	1,2,4-Trimethylbenzene	0.25	0.25	U
135-98-8	sec-Butylbenzene	0.25	0.25	U
99-87-6	4-Isopropyltoluene	0.31	0.31	U
541-73-1	1,3-Dichlorobenzene	0.11	0.11	U
106-46-7	1,4-Dichlorobenzene	0.14	0.14	U
95-50-1	1,2-Dichlorobenzene	0.19	0.19	U
105-05-5	p-Diethylbenzene	0.32	0.32	U
104-51-8	n-Butylbenzene	0.27	0.27	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.42	0.42	U
120-82-1	1,2,4-Trichlorobenzene	0.27	0.27	U
87-68-3	Hexachlorobutadiene	0.32	0.32	U
91-20-3	Naphthalene	0.18	0.18	U
87-61-6	1,2,3-Trichlorobenzene	0.13	0.13	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4678-3
Client Sample ID: S-12A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 10.30
% Solids: 80.6%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.33	0.33	U
75-45-6	Chlorodifluoromethane	0.16	0.16	U
74-87-3	Chloromethane	0.61	0.61	U
75-01-4	Vinyl Chloride	0.53	0.53	U
74-83-9	Bromomethane	0.57	0.57	U
75-00-3	Chloroethane	0.76	0.76	U
75-69-4	Trichlorofluoromethane	0.31	0.31	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.42	0.42	U
75-35-4	1,1-Dichloroethene	0.57	0.57	U
67-64-1	Acetone	3.15	109	
75-15-0	Carbon disulfide	0.51	4.50	
75-09-2	Methylene Chloride	0.57	5.50	
156-60-5	t-1,2-Dichloroethene	0.66	0.66	U
1634-04-4	Methyl t-butyl ether	0.83	0.83	U
75-34-3	1,1-Dichloroethane	0.31	0.31	U
590-20-7	2,2-Dichloropropane	0.29	0.29	U
156-59-2	c-1,2-Dichloroethene	0.38	0.38	U
78-93-3	2-Butanone	2.41	2.41	U
74-97-5	Bromochloromethane	0.50	0.50	U
67-66-3	Chloroform	0.14	0.14	U
71-55-6	1,1,1-Trichloroethane	0.11	0.11	U
56-23-5	Carbon Tetrachloride	0.24	0.24	U
563-58-6	1,1-Dichloropropene	0.86	0.86	U
71-43-2	Benzene	0.45	0.45	U
107-06-2	1,2-Dichloroethane	0.47	0.47	U
79-01-6	Trichloroethene	0.20	0.20	U
78-87-5	1,2-Dichloropropane	0.42	0.42	U
74-95-3	Dibromomethane	0.38	0.38	U
75-27-4	Bromodichloromethane	0.32	0.32	U
110-75-8	2-Chloroethylvinylether	1.28	1.28	U
10061-01-5	c-1,3-Dichloropropene	0.25	0.25	U
108-10-1	4-Methyl-2-pentanone	1.18	1.18	U
108-88-3	Toluene	0.31	5.40	
10061-02-6	t-1,3-Dichloropropene	0.36	0.36	U
79-00-5	1,1,2-Trichloroethane	0.52	0.52	U
127-18-4	Tetrachloroethene	0.29	0.29	U
142-28-9	1,3-Dichloropropane	0.43	0.43	U
591-78-6	2-Hexanone	1.71	1.71	U
124-48-1	Dibromochloromethane	0.24	0.24	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4678-3-continue
Client Sample ID: S-12A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 10.30
% Solids: 80.6%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.32	0.32	U
108-90-7	Chlorobenzene	0.24	0.24	U
630-20-6	1,1,1,2-Tetrachloroethane	0.31	0.31	U
100-41-4	Ethylbenzene	0.51	0.51	U
108-38-3	m,p-xylene	0.41	**4.70**	
95-47-6	o-xylene	0.48	0.48	U
100-42-5	Styrene	0.31	0.31	U
75-25-2	Bromoform	0.20	0.20	U
98-82-8	Isopropylbenzene	0.14	0.14	U
108-86-1	Bromobenzene	0.19	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	0.41	U
103-65-1	n-Propylbenzene	0.41	0.41	U
96-18-4	1,2,3-Trichloropropane	0.71	0.71	U
622-96-8	p-Ethyltoluene	0.24	0.24	U
108-67-8	1,3,5-Trimethylbenzene	0.26	0.26	U
95-49-8	2-Chlorotoluene	0.56	0.56	U
106-43-4	4-Chlorotoluene	0.47	0.47	U
98-06-6	tert-Butylbenzene	0.22	0.22	U
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	U
135-98-8	sec-Butylbenzene	0.16	0.16	U
99-87-6	4-Isopropyltoluene	0.22	0.22	U
541-73-1	1,3-Dichlorobenzene	0.32	0.32	U
106-46-7	1,4-Dichlorobenzene	0.32	0.32	U
95-50-1	1,2-Dichlorobenzene	0.22	0.22	U
105-05-5	p-Diethylbenzene	0.37	0.37	U
104-51-8	n-Butylbenzene	0.25	0.25	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.24	0.24	U
96-12-8	1,2-Dibromo-3-chloropropane	0.83	0.83	U
120-82-1	1,2,4-Trichlorobenzene	0.42	0.42	U
87-68-3	Hexachlorobutadiene	0.24	0.24	U
91-20-3	Naphthalene	0.37	0.37	U
87-61-6	1,2,3-Trichlorobenzene	0.19	0.19	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4678-4
Client Sample ID: S-12B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 10.40
% Solids: 87.6%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.31	0.31	U
75-45-6	Chlorodifluoromethane	0.15	0.15	U
74-87-3	Chloromethane	0.56	0.56	U
75-01-4	Vinyl Chloride	0.49	0.49	U
74-83-9	Bromomethane	0.52	0.52	U
75-00-3	Chloroethane	0.70	0.70	U
75-69-4	Trichlorofluoromethane	0.28	0.28	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.39	0.39	U
75-35-4	1,1-Dichloroethene	0.52	0.52	U
67-64-1	Acetone	2.90	2.90	U
75-15-0	Carbon disulfide	0.47	0.47	U
75-09-2	Methylene Chloride	0.52	0.52	U
156-60-5	t-1,2-Dichloroethene	0.60	0.60	U
1634-04-4	Methyl t-butyl ether	0.76	0.76	U
75-34-3	1,1-Dichloroethane	0.28	0.28	U
590-20-7	2,2-Dichloropropane	0.26	0.26	U
156-59-2	c-1,2-Dichloroethene	0.35	0.35	U
78-93-3	2-Butanone	2.21	2.21	U
74-97-5	Bromochloromethane	0.46	0.46	U
67-66-3	Chloroform	0.13	0.13	U
71-55-6	1,1,1-Trichloroethane	0.10	0.10	U
56-23-5	Carbon Tetrachloride	0.22	0.22	U
563-58-6	1,1-Dichloropropene	0.79	0.79	U
71-43-2	Benzene	0.41	0.41	U
107-06-2	1,2-Dichloroethane	0.43	0.43	U
79-01-6	Trichloroethene	0.18	0.18	U
78-87-5	1,2-Dichloropropane	0.39	0.39	U
74-95-3	Dibromomethane	0.35	0.35	U
75-27-4	Bromodichloromethane	0.30	0.30	U
110-75-8	2-Chloroethylvinylether	1.17	1.17	U
10061-01-5	c-1,3-Dichloropropene	0.23	0.23	U
108-10-1	4-Methyl-2-pentanone	1.08	1.08	U
108-88-3	Toluene	0.28	0.28	U
10061-02-6	t-1,3-Dichloropropene	0.33	0.33	U
79-00-5	1,1,2-Trichloroethane	0.48	0.48	U
127-18-4	Tetrachloroethene	0.26	0.26	U
142-28-9	1,3-Dichloropropane	0.40	0.40	U
591-78-6	2-Hexanone	1.57	1.57	U
124-48-1	Dibromochloromethane	0.22	0.22	U

Environmental Testing Laboratories, Inc.

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4678-4-continue

Client Sample ID: S-12B
Matrix: Soil
Type: Composite
Collected: 12/8/99 10.40
% Solids: 87.6%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.30	0.30	U
108-90-7	Chlorobenzene	0.22	0.22	U
630-20-6	1,1,1,2-Tetrachloroethane	0.28	0.28	U
100-41-4	Ethylbenzene	0.47	0.47	U
108-38-3	m,p-xylene	0.38	0.38	U
95-47-6	o-xylene	0.44	0.44	U
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.18	0.18	U
98-82-8	Isopropylbenzene	0.13	0.13	U
108-86-1	Bromobenzene	0.17	0.17	U
79-34-5	1,1,2,2-Tetrachloroethane	0.38	0.38	U
103-65-1	n-Propylbenzene	0.38	0.38	U
96-18-4	1,2,3-Trichloropropane	0.65	0.65	U
622-96-8	p-Ethyltoluene	0.22	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.24	0.24	U
95-49-8	2-Chlorotoluene	0.51	0.51	U
106-43-4	4-Chlorotoluene	0.43	0.43	U
98-06-6	tert-Butylbenzene	0.21	0.21	U
95-63-6	1,2,4-Trimethylbenzene	0.13	0.13	U
135-98-8	sec-Butylbenzene	0.15	0.15	U
99-87-6	4-Isopropyltoluene	0.21	0.21	U
541-73-1	1,3-Dichlorobenzene	0.30	0.30	U
106-46-7	1,4-Dichlorobenzene	0.30	0.30	U
95-50-1	1,2-Dichlorobenzene	0.21	0.21	U
105-05-5	p-Diethylbenzene	0.34	0.34	U
104-51-8	n-Butylbenzene	0.23	0.23	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.22	0.22	U
96-12-8	1,2-Dibromo-3-chloropropane	0.76	0.76	U
120-82-1	1,2,4-Trichlorobenzene	0.39	0.39	U
87-68-3	Hexachlorobutadiene	0.22	0.22	U
91-20-3	Naphthalene	0.34	0.34	U
87-61-6	1,2,3-Trichlorobenzene	0.17	0.17	U

Environmental Testing Laboratories, Inc.

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4678-5
Client Sample ID: S-10A
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/8/99 14.10
% Solids: 85.6%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	1.51	1.51	U
75-45-6	Chlorodifluoromethane	0.73	0.73	U
74-87-3	Chloromethane	2.73	2.73	U
75-01-4	Vinyl Chloride	2.40	2.40	U
74-83-9	Bromomethane	2.57	2.57	U
75-00-3	Chloroethane	3.40	3.40	U
75-69-4	Trichlorofluoromethane	1.39	1.39	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1.90	11.7	
75-35-4	1,1-Dichloroethene	2.57	2.57	U
67-64-1	Acetone	14.2	14.2	U
75-15-0	Carbon disulfide	2.29	2.29	U
75-09-2	Methylene Chloride	2.57	2.57	U
156-60-5	t-1,2-Dichloroethene	2.96	2.96	U
1634-04-4	Methyl t-butyl ether	3.74	3.74	U
75-34-3	1,1-Dichloroethane	1.39	1.39	U
590-20-7	2,2-Dichloropropane	1.28	1.28	U
156-59-2	c-1,2-Dichloroethene	1.73	1.73	U
78-93-3	2-Butanone	10.8	10.8	U
74-97-5	Bromochloromethane	2.23	2.23	U
67-66-3	Chloroform	0.61	0.61	U
71-55-6	1,1,1-Trichloroethane	0.50	0.50	U
56-23-5	Carbon Tetrachloride	1.06	1.06	U
563-58-6	1,1-Dichloropropene	3.85	3.85	U
71-43-2	Benzene	2.01	2.01	U
107-06-2	1,2-Dichloroethane	2.12	2.12	U
79-01-6	Trichloroethene	0.89	0.89	U
78-87-5	1,2-Dichloropropane	1.90	1.90	U
74-95-3	Dibromomethane	1.73	1.73	U
75-27-4	Bromodichloromethane	1.45	1.45	U
110-75-8	2-Chloroethylvinylether	5.75	5.75	U
10061-01-5	c-1,3-Dichloropropene	1.12	1.12	U
108-10-1	4-Methyl-2-pentanone	5.30	5.30	U
108-88-3	Toluene	1.39	1.39	U
10061-02-6	t-1,3-Dichloropropene	1.62	1.62	U
79-00-5	1,1,2-Trichloroethane	2.34	2.34	U
127-18-4	Tetrachloroethene	1.28	1.28	U
142-28-9	1,3-Dichloropropane	1.95	1.95	U
591-78-6	2-Hexanone	7.70	7.70	U
124-48-1	Dibromochloromethane	1.06	1.06	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4678-5-continue
Client Sample ID: S-10A
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/8/99 14.10
% Solids: 85.6%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	1.45	1.45	U
108-90-7	Chlorobenzene	1.06	1.06	U
630-20-6	1,1,1,2-Tetrachloroethane	1.39	1.39	U
100-41-4	Ethylbenzene	2.29	2.29	U
108-38-3	m,p-xylene	1.84	1.84	U
95-47-6	o-xylene	2.18	2.18	U
100-42-5	Styrene	1.39	1.39	U
75-25-2	Bromoform	0.89	0.89	U
98-82-8	Isopropylbenzene	0.61	0.61	U
108-86-1	Bromobenzene	0.84	0.84	U
79-34-5	1,1,2,2-Tetrachloroethane	1.84	1.84	U
103-65-1	n-Propylbenzene	1.84	1.84	U
96-18-4	1,2,3-Trichloropropane	3.18	3.18	U
622-96-8	p-Ethyltoluene	1.06	**35.6**	
108-67-8	1,3,5-Trimethylbenzene	1.17	**199**	
95-49-8	2-Chlorotoluene	2.51	2.51	U
106-43-4	4-Chlorotoluene	2.12	2.12	U
98-06-6	tert-Butylbenzene	1.00	1.00	U
95-63-6	1,2,4-Trimethylbenzene	0.61	**23.5**	
135-98-8	sec-Butylbenzene	0.73	**40.0**	
99-87-6	4-Isopropyltoluene	1.00	**184**	
541-73-1	1,3-Dichlorobenzene	1.45	1.45	U
106-46-7	1,4-Dichlorobenzene	1.45	1.45	U
95-50-1	1,2-Dichlorobenzene	1.00	1.00	U
105-05-5	p-Diethylbenzene	1.67	1.67	U
104-51-8	n-Butylbenzene	1.12	**86.1**	
95-93-2	1,2,4,5-Tetramethylbenzene	27.7	**961**	
96-12-8	1,2-Dibromo-3-chloropropane	3.74	3.74	U
120-82-1	1,2,4-Trichlorobenzene	1.90	1.90	U
87-68-3	Hexachlorobutadiene	1.06	1.06	U
91-20-3	Naphthalene	1.67	**57.0**	
87-61-6	1,2,3-Trichlorobenzene	0.84	0.84	U

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ANALYSIS REPORT - EPA 8260

Sample: J4678-6

Client Sample ID: S-10B

Matrix: Soil

Type: Grab

Collected: 12/8/99 14.20

% Solids: 87.5%

Remarks: See case narrative

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.32	0.32	U
75-45-6	Chlorodifluoromethane	0.15	0.15	U
74-87-3	Chloromethane	0.57	0.57	U
75-01-4	Vinyl Chloride	0.50	0.50	U
74-83-9	Bromomethane	0.54	0.54	U
75-00-3	Chloroethane	0.71	0.71	U
75-69-4	Trichlorofluoromethane	0.29	0.29	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.40	0.40	U
75-35-4	1,1-Dichloroethene	0.54	0.54	U
67-64-1	Acetone	2.97	2.97	U
75-15-0	Carbon disulfide	0.48	0.48	U
75-09-2	Methylene Chloride	0.54	0.54	U
156-60-5	t-1,2-Dichloroethene	0.62	0.62	U
1634-04-4	Methyl t-butyl ether	0.78	0.78	U
75-34-3	1,1-Dichloroethane	0.29	0.29	U
590-20-7	2,2-Dichloropropane	0.27	0.27	U
156-59-2	c-1,2-Dichloroethene	0.36	0.36	U
78-93-3	2-Butanone	2.27	2.27	U
74-97-5	Bromochloromethane	0.47	0.47	U
67-66-3	Chloroform	0.13	0.13	U
71-55-6	1,1,1-Trichloroethane	0.11	0.11	U
56-23-5	Carbon Tetrachloride	0.22	0.22	U
563-58-6	1,1-Dichloropropene	0.81	0.81	U
71-43-2	Benzene	0.42	0.42	U
107-06-2	1,2-Dichloroethane	0.44	0.44	U
79-01-6	Trichloroethene	0.19	0.19	U
78-87-5	1,2-Dichloropropane	0.40	0.40	U
74-95-3	Dibromomethane	0.36	0.36	U
75-27-4	Bromodichloromethane	0.30	0.30	U
110-75-8	2-Chloroethylvinylether	1.21	1.21	U
10061-01-5	c-1,3-Dichloropropene	0.23	0.23	U
108-10-1	4-Methyl-2-pentanone	1.11	1.11	U
108-88-3	Toluene	0.29	2.50	
10061-02-6	t-1,3-Dichloropropene	0.34	0.34	U
79-00-5	1,1,2-Trichloroethane	0.49	0.49	U
127-18-4	Tetrachloroethene	0.27	0.27	U
142-28-9	1,3-Dichloropropane	0.41	0.41	U
591-78-6	2-Hexanone	1.61	1.61	U
124-48-1	Dibromochloromethane	0.22	0.22	U

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ANALYSIS REPORT - EPA 8260

Sample: J4678-6-continue

Client Sample ID: S-10B
Matrix: Soil
Type: Grab
Collected: 12/8/99 14.20
% Solids: 87.5%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.30	0.30	U
108-90-7	Chlorobenzene	0.22	0.22	U
630-20-6	1,1,1,2-Tetrachloroethane	0.29	0.29	U
100-41-4	Ethylbenzene	0.48	0.48	U
108-38-3	m,p-xylene	0.39	0.39	U
95-47-6	o-xylene	0.46	0.46	U
100-42-5	Styrene	0.29	0.29	U
75-25-2	Bromoform	0.19	0.19	U
98-82-8	Isopropylbenzene	0.13	0.13	U
108-86-1	Bromobenzene	0.18	0.18	U
79-34-5	1,1,2,2-Tetrachloroethane	0.39	0.39	U
103-65-1	n-Propylbenzene	0.39	0.39	U
96-18-4	1,2,3-Trichloropropane	0.67	0.67	U
622-96-8	p-Ethyltoluene	0.22	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.25	0.25	U
95-49-8	2-Chlorotoluene	0.53	0.53	U
106-43-4	4-Chlorotoluene	0.44	0.44	U
98-06-6	tert-Butylbenzene	0.21	0.21	U
95-63-6	1,2,4-Trimethylbenzene	0.13	0.13	U
135-98-8	sec-Butylbenzene	0.15	0.15	U
99-87-6	4-Isopropyltoluene	0.21	0.21	U
541-73-1	1,3-Dichlorobenzene	0.30	0.30	U
106-46-7	1,4-Dichlorobenzene	0.30	0.30	U
95-50-1	1,2-Dichlorobenzene	0.21	0.21	U
105-05-5	p-Diethylbenzene	0.35	0.35	U
104-51-8	n-Butylbenzene	0.23	0.23	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.22	0.22	U
96-12-8	1,2-Dibromo-3-chloropropane	0.78	0.78	U
120-82-1	1,2,4-Trichlorobenzene	0.40	0.40	U
87-68-3	Hexachlorobutadiene	0.22	0.22	U
91-20-3	Naphthalene	0.35	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4678-7
Client Sample ID: S-11A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 11.00
% Solids: 83.3%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.31	0.31	U
75-45-6	Chlorodifluoromethane	0.15	0.15	U
74-87-3	Chloromethane	0.56	0.56	U
75-01-4	Vinyl Chloride	0.49	0.49	U
74-83-9	Bromomethane	0.52	0.52	U
75-00-3	Chloroethane	0.70	0.70	U
75-69-4	Trichlorofluoromethane	0.28	0.28	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.39	0.39	U
75-35-4	1,1-Dichloroethene	0.52	0.52	U
67-64-1	Acetone	2.90	2.90	U
75-15-0	Carbon disulfide	0.47	0.47	U
75-09-2	Methylene Chloride	0.52	**43.6**	
156-60-5	t-1,2-Dichloroethene	0.60	0.60	U
1634-04-4	Methyl t-butyl ether	0.76	0.76	U
75-34-3	1,1-Dichloroethane	0.28	0.28	U
590-20-7	2,2-Dichloropropane	0.26	0.26	U
156-59-2	c-1,2-Dichloroethene	0.35	0.35	U
78-93-3	2-Butanone	2.21	2.21	U
74-97-5	Bromochloromethane	0.46	0.46	U
67-66-3	Chloroform	0.13	0.13	U
71-55-6	1,1,1-Trichloroethane	0.10	0.10	U
56-23-5	Carbon Tetrachloride	0.22	0.22	U
563-58-6	1,1-Dichloropropene	0.79	0.79	U
71-43-2	Benzene	0.41	0.41	U
107-06-2	1,2-Dichloroethane	0.43	0.43	U
79-01-6	Trichloroethene	0.18	0.18	U
78-87-5	1,2-Dichloropropane	0.39	0.39	U
74-95-3	Dibromomethane	0.35	0.35	U
75-27-4	Bromodichloromethane	0.30	0.30	U
110-75-8	2-Chloroethylvinylether	1.17	1.17	U
10061-01-5	c-1,3-Dichloropropene	0.23	0.23	U
108-10-1	4-Methyl-2-pentanone	1.08	1.08	U
108-88-3	Toluene	0.28	0.28	U
10061-02-6	t-1,3-Dichloropropene	0.33	0.33	U
79-00-5	1,1,2-Trichloroethane	0.48	0.48	U
127-18-4	Tetrachloroethene	0.26	0.26	U
142-28-9	1,3-Dichloropropane	0.40	0.40	U
591-78-6	2-Hexanone	1.57	1.57	U
124-48-1	Dibromochloromethane	0.22	0.22	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4678-7-continue
Client Sample ID: S-11A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 11.00
% Solids: 83.3%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.30	0.30	U
108-90-7	Chlorobenzene	0.22	0.22	U
630-20-6	1,1,1,2-Tetrachloroethane	0.28	0.28	U
100-41-4	Ethylbenzene	0.47	0.47	U
108-38-3	m,p-xylene	0.38	**2.50**	
95-47-6	o-xylene	0.44	0.44	U
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.18	0.18	U
98-82-8	Isopropylbenzene	0.13	0.13	U
108-86-1	Bromobenzene	0.17	0.17	U
79-34-5	1,1,2,2-Tetrachloroethane	0.38	0.38	U
103-65-1	n-Propylbenzene	0.38	0.38	U
96-18-4	1,2,3-Trichloropropane	0.65	0.65	U
622-96-8	p-Ethyltoluene	0.22	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.24	0.24	U
95-49-8	2-Chlorotoluene	0.51	0.51	U
106-43-4	4-Chlorotoluene	0.43	0.43	U
98-06-6	tert-Butylbenzene	0.21	0.21	U
95-63-6	1,2,4-Trimethylbenzene	0.13	0.13	U
135-98-8	sec-Butylbenzene	0.15	0.15	U
99-87-6	4-Isopropyltoluene	0.21	0.21	U
541-73-1	1,3-Dichlorobenzene	0.30	0.30	U
106-46-7	1,4-Dichlorobenzene	0.30	0.30	U
95-50-1	1,2-Dichlorobenzene	0.21	0.21	U
105-05-5	p-Diethylbenzene	0.34	0.34	U
104-51-8	n-Butylbenzene	0.23	0.23	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.22	0.22	U
96-12-8	1,2-Dibromo-3-chloropropane	0.76	0.76	U
120-82-1	1,2,4-Trichlorobenzene	0.39	0.39	U
87-68-3	Hexachlorobutadiene	0.22	0.22	U
91-20-3	Naphthalene	0.34	0.34	U
87-61-6	1,2,3-Trichlorobenzene	0.17	0.17	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4678-8
Client Sample ID: S-11B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 11.10
% Solids: 83.8%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.32	0.32	U
75-45-6	Chlorodifluoromethane	0.16	0.16	U
74-87-3	Chloromethane	0.59	0.59	U
75-01-4	Vinyl Chloride	0.52	0.52	U
74-83-9	Bromomethane	0.55	0.55	U
75-00-3	Chloroethane	0.73	0.73	U
75-69-4	Trichlorofluoromethane	0.30	0.30	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.41	0.41	U
75-35-4	1,1-Dichloroethene	0.55	0.55	U
67-64-1	Acetone	3.05	3.05	U
75-15-0	Carbon disulfide	0.49	**0.83**	
75-09-2	Methylene Chloride	0.55	**1.90**	
156-60-5	t-1,2-Dichloroethene	0.64	0.64	U
1634-04-4	Methyl t-butyl ether	0.80	0.80	U
75-34-3	1,1-Dichloroethane	0.30	0.30	U
590-20-7	2,2-Dichloropropane	0.28	0.28	U
156-59-2	c-1,2-Dichloroethene	0.37	0.37	U
78-93-3	2-Butanone	2.33	2.33	U
74-97-5	Bromochloromethane	0.48	0.48	U
67-66-3	Chloroform	0.13	0.13	U
71-55-6	1,1,1-Trichloroethane	0.11	0.11	U
56-23-5	Carbon Tetrachloride	0.23	0.23	U
563-58-6	1,1-Dichloropropene	0.83	0.83	U
71-43-2	Benzene	0.43	0.43	U
107-06-2	1,2-Dichloroethane	0.46	0.46	U
79-01-6	Trichloroethene	0.19	0.19	U
78-87-5	1,2-Dichloropropane	0.41	0.41	U
74-95-3	Dibromomethane	0.37	0.37	U
75-27-4	Bromodichloromethane	0.31	0.31	U
110-75-8	2-Chloroethylvinylether	1.24	1.24	U
10061-01-5	c-1,3-Dichloropropene	0.24	0.24	U
108-10-1	4-Methyl-2-pentanone	1.14	1.14	U
108-88-3	Toluene	0.30	0.30	U
10061-02-6	t-1,3-Dichloropropene	0.35	0.35	U
79-00-5	1,1,2-Trichloroethane	0.50	0.50	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.42	0.42	U
591-78-6	2-Hexanone	1.66	1.66	U
124-48-1	Dibromochloromethane	0.23	0.23	U

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1/7/00

ANALYSIS REPORT - EPA 8260

Sample: J4678-8-continue
Client Sample ID: S-11B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 11.10
% Solids: 83.8%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.31	0.31	U
108-90-7	Chlorobenzene	0.23	0.23	U
630-20-6	1,1,1,2-Tetrachloroethane	0.30	0.30	U
100-41-4	Ethylbenzene	0.49	0.49	U
108-38-3	m,p-xylene	0.40	**2.10**	
95-47-6	o-xylene	0.47	0.47	U
100-42-5	Styrene	0.30	0.30	U
75-25-2	Bromoform	0.19	0.19	U
98-82-8	Isopropylbenzene	0.13	0.13	U
108-86-1	Bromobenzene	0.18	0.18	U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	0.40	U
103-65-1	n-Propylbenzene	0.40	0.40	U
96-18-4	1,2,3-Trichloropropane	0.68	0.68	U
622-96-8	p-Ethyltoluene	0.23	0.23	U
108-67-8	1,3,5-Trimethylbenzene	0.25	0.25	U
95-49-8	2-Chlorotoluene	0.54	0.54	U
106-43-4	4-Chlorotoluene	0.46	0.46	U
98-06-6	tert-Butylbenzene	0.22	0.22	U
95-63-6	1,2,4-Trimethylbenzene	0.13	0.13	U
135-98-8	sec-Butylbenzene	0.16	0.16	U
99-87-6	4-Isopropyltoluene	0.22	0.22	U
541-73-1	1,3-Dichlorobenzene	0.31	0.31	U
106-46-7	1,4-Dichlorobenzene	0.31	0.31	U
95-50-1	1,2-Dichlorobenzene	0.22	0.22	U
105-05-5	p-Diethylbenzene	0.36	0.36	U
104-51-8	n-Butylbenzene	0.24	0.24	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.23	0.23	U
96-12-8	1,2-Dibromo-3-chloropropane	0.80	0.80	U
120-82-1	1,2,4-Trichlorobenzene	0.41	0.41	U
87-68-3	Hexachlorobutadiene	0.23	0.23	U
91-20-3	Naphthalene	0.36	0.36	U
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	U

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ANALYSIS REPORT - EPA 8260

Sample: J4678-9
Client Sample ID: S-10C
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/8/99 14.40
% Solids: 82.3%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.33	0.33	U
75-45-6	Chlorodifluoromethane	0.16	0.16	U
74-87-3	Chloromethane	0.60	0.60	U
75-01-4	Vinyl Chloride	0.52	0.52	U
74-83-9	Bromomethane	0.56	0.56	U
75-00-3	Chloroethane	0.74	0.74	U
75-69-4	Trichlorofluoromethane	0.31	0.31	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.41	3.30	
75-35-4	1,1-Dichloroethene	0.56	0.56	U
67-64-1	Acetone	3.10	3.10	U
75-15-0	Carbon disulfide	0.50	0.50	U
75-09-2	Methylene Chloride	0.56	0.56	U
156-60-5	t-1,2-Dichloroethene	0.65	0.65	U
1634-04-4	Methyl t-butyl ether	0.82	0.82	U
75-34-3	1,1-Dichloroethane	0.31	0.31	U
590-20-7	2,2-Dichloropropane	0.28	0.28	U
156-59-2	c-1,2-Dichloroethene	0.38	0.38	U
78-93-3	2-Butanone	2.37	2.37	U
74-97-5	Bromochloromethane	0.49	0.49	U
67-66-3	Chloroform	0.13	0.13	U
71-55-6	1,1,1-Trichloroethane	0.11	0.11	U
56-23-5	Carbon Tetrachloride	0.23	0.23	U
563-58-6	1,1-Dichloropropene	0.84	0.84	U
71-43-2	Benzene	0.44	0.44	U
107-06-2	1,2-Dichloroethane	0.46	0.46	U
79-01-6	Trichloroethene	0.20	0.20	U
78-87-5	1,2-Dichloropropane	0.41	0.41	U
74-95-3	Dibromomethane	0.38	0.38	U
75-27-4	Bromodichloromethane	0.32	0.32	U
110-75-8	2-Chloroethylvinylether	1.26	1.26	U
10061-01-5	c-1,3-Dichloropropene	0.24	0.24	U
108-10-1	4-Methyl-2-pentanone	1.16	1.16	U
108-88-3	Toluene	0.31	0.91	
10061-02-6	t-1,3-Dichloropropene	0.35	0.35	U
79-00-5	1,1,2-Trichloroethane	0.51	0.51	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.43	0.43	U
591-78-6	2-Hexanone	1.68	1.68	U
124-48-1	Dibromochloromethane	0.23	0.23	U

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ANALYSIS REPORT - EPA 8260

Sample: J4678-9-continue

Client Sample ID: S-10C
Collected: 12/8/99 14.40
Matrix: Soil
Type: Grab
% Solids: 82.3%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.32	0.32	U
108-90-7	Chlorobenzene	0.23	0.23	U
630-20-6	1,1,1,2-Tetrachloroethane	0.31	0.31	U
100-41-4	Ethylbenzene	0.50	0.50	U
108-38-3	m,p-xylene	0.40	0.40	U
95-47-6	o-xylene	0.48	0.48	U
100-42-5	Styrene	0.31	0.31	U
75-25-2	Bromoform	0.20	0.20	U
98-82-8	Isopropylbenzene	0.13	0.13	U
108-86-1	Bromobenzene	0.18	0.18	U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	0.40	U
103-65-1	n-Propylbenzene	0.40	0.40	U
96-18-4	1,2,3-Trichloropropane	0.70	0.70	U
622-96-8	p-Ethyltoluene	0.23	0.23	U
108-67-8	1,3,5-Trimethylbenzene	0.26	0.26	U
95-49-8	2-Chlorotoluene	0.55	0.55	U
106-43-4	4-Chlorotoluene	0.46	0.46	U
98-06-6	tert-Butylbenzene	0.22	0.22	U
95-63-6	1,2,4-Trimethylbenzene	0.13	0.13	U
135-98-8	sec-Butylbenzene	0.16	0.16	U
99-87-6	4-Isopropyltoluene	0.22	0.22	U
541-73-1	1,3-Dichlorobenzene	0.32	0.32	U
106-46-7	1,4-Dichlorobenzene	0.32	0.32	U
95-50-1	1,2-Dichlorobenzene	0.22	0.22	U
105-05-5	p-Diethylbenzene	0.37	0.37	U
104-51-8	n-Butylbenzene	0.24	0.24	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.23	0.23	U
96-12-8	1,2-Dibromo-3-chloropropane	0.82	0.82	U
120-82-1	1,2,4-Trichlorobenzene	0.41	0.41	U
87-68-3	Hexachlorobutadiene	0.23	0.23	U
91-20-3	Naphthalene	0.37	0.37	U
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-2
Client Sample ID: MW-3 Collected: 12/8/99 10.00
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/17/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	1.53	1.53	U
111-44-4	bis(2-Chloroethyl)ether	1.53	1.53	U
95-57-8	2-Chlorophenol	1.22	1.22	U
541-73-1	1,3-Dichlorobenzene	1.50	1.50	U
106-46-7	1,4-Dichlorobenzene	1.48	1.48	U
100-51-6	Benzyl alcohol	1.38	1.38	U
95-50-1	1,2-Dichlorobenzene	1.51	1.51	U
95-48-7	2-Methylphenol	1.70	1.70	U
108-60-1	bis(2-Chloroisopropyl)ether	0.86	0.86	U
106-44-5	3,4-Methylphenol	1.55	1.55	U
621-64-7	N-Nitroso-di-n-propylamine	1.84	1.84	U
67-72-1	Hexachloroethane	1.87	1.87	U
98-95-3	Nitrobenzene	1.74	1.74	U
78-59-1	Isophorone	1.88	1.88	U
88-75-5	2-Nitrophenol	1.55	1.55	U
105-67-9	2,4-Dimethylphenol	1.92	1.92	U
65-85-0	Benzoic acid	10.3	10.3	U
111-91-1	bis(2-Chloroethoxy)methane	2.10	2.10	U
120-83-2	2,4-Dichlorophenol	1.49	1.49	U
120-82-1	1,2,4-Trichlorobenzene	0.54	0.54	U
91-20-3	Naphthalene	1.78	1.78	U
106-47-8	4-Chloroaniline	1.45	1.45	U
87-68-3	Hexachlorobutadiene	10.0	10.0	U
59-50-7	4-Chloro-3-methylphenol	1.53	1.53	U
91-57-6	2-Methylnaphthalene	1.85	1.85	U
77-47-4	Hexachlorocyclopentadiene	4.66	4.66	U
88-06-2	2,4,6-Trichlorophenol	1.51	1.51	U
95-95-4	2,4,5-Trichlorophenol	1.68	1.68	U
91-58-7	2-Chloronaphthalene	1.76	1.76	U
88-74-4	2-Nitroaniline	2.24	2.24	U
131-11-3	Dimethyl phthalate	3.98	3.98	U
208-96-8	Acenaphthylene	2.25	2.25	U
606-20-2	2,6-Dinitrotoluene	1.85	1.85	U
99-09-2	3-Nitroaniline	1.55	1.55	U
83-32-9	Acenaphthene	1.78	1.78	U
51-28-5	2,4-Dinitrophenol	9.62	9.62	U
100-02-7	4-Nitrophenol	5.00	5.00	U
132-64-9	Dibenzofuran	2.10	2.10	U
121-14-2	2,4-Dinitrotoluene	1.94	1.94	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-2-continue
Client Sample ID: MW-3 Collected: 12/8/99 10.00
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/17/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.51	2.51	U
7005-72-3	4-Chlorophenyl-phenyl ether	2.13	2.13	U
86-73-7	Fluorene	2.16	2.16	U
100-01-6	4-Nitroaniline	1.43	1.43	U
534-52-1	4,6-Dinitro-2-methylphenol	10.2	10.2	U
86-30-6	N-nitrosodiphenylamine	1.96	1.96	U
101-55-3	4-Bromophenyl-phenylether	2.03	2.03	U
118-74-1	Hexachlorobenzene	2.27	2.27	U
87-86-5	Pentachlorophenol	50.0	50.0	U
85-01-8	Phenanthrene	1.98	1.98	U
120-12-7	Anthracene	1.78	1.78	U
84-74-2	Di-n-butylphthalate	2.38	2.38	U
206-44-0	Fluoranthene	2.22	**0.44**	J
129-00-0	Pyrene	2.00	**0.42**	J
85-68-7	Butylbenzylphthalate	3.43	3.43	U
91-94-1	3,3'-Dichlorobenzidine	2.56	2.56	U
56-55-3	Benzo(a)anthracene	1.87	1.87	U
218-01-9	Chrysene	2.16	2.16	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.93	**1.30**	B
117-84-0	Di-n-octylphthalate	2.87	2.87	U
205-99-2	Benzo(b)fluoranthene	1.80	1.80	U
207-08-9	Benzo(k)fluoranthene	2.10	2.10	U
50-32-8	Benzo(a)pyrene	1.91	1.91	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.12	2.12	U
53-70-3	Dibenzo(a,h)anthracene	2.13	2.13	U
191-24-2	Benzo(g,h,i)perylene	2.34	2.34	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-3
Client Sample ID: S-12A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 10.30
% Solids: 80.6%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	27.5	85.9	
111-44-4	bis(2-Chloroethyl)ether	39.4	39.4	U
95-57-8	2-Chlorophenol	35.8	35.8	U
541-73-1	1,3-Dichlorobenzene	21.1	21.1	U
106-46-7	1,4-Dichlorobenzene	36.1	36.1	U
100-51-6	Benzyl alcohol	25.6	25.6	U
95-50-1	1,2-Dichlorobenzene	39.0	39.0	U
95-48-7	2-Methylphenol	45.0	45.0	U
108-60-1	bis(2-Chloroisopropyl)ether	53.3	53.3	U
106-44-5	3,4-Methylphenol	151	151	U
621-64-7	N-Nitroso-di-n-propylamine	47.2	47.2	U
67-72-1	Hexachloroethane	53.7	53.7	U
98-95-3	Nitrobenzene	41.3	41.3	U
78-59-1	Isophorone	42.5	42.5	U
88-75-5	2-Nitrophenol	60.3	60.3	U
105-67-9	2,4-Dimethylphenol	40.8	40.8	U
65-85-0	Benzoic acid	251	251	U
111-91-1	bis(2-Chloroethoxy)methane	34.7	34.7	U
120-83-2	2,4-Dichlorophenol	61.8	61.8	U
120-82-1	1,2,4-Trichlorobenzene	33.6	33.6	U
91-20-3	Naphthalene	32.0	32.0	U
106-47-8	4-Chloroaniline	29.6	29.6	U
87-68-3	Hexachlorobutadiene	42.5	42.5	U
59-50-7	4-Chloro-3-methylphenol	70.1	70.1	U
91-57-6	2-Methylnaphthalene	45.0	45.0	U
77-47-4	Hexachlorocyclopentadiene	31.9	31.9	U
88-06-2	2,4,6-Trichlorophenol	46.9	46.9	U
95-95-4	2,4,5-Trichlorophenol	68.2	68.2	U
91-58-7	2-Chloronaphthalene	32.8	32.8	U
88-74-4	2-Nitroaniline	69.4	69.4	U
131-11-3	Dimethyl phthalate	62.1	62.1	U
208-96-8	Acenaphthylene	42.0	42.0	U
606-20-2	2,6-Dinitrotoluene	51.2	51.2	U
99-09-2	3-Nitroaniline	116	116	U
83-32-9	Acenaphthene	46.5	46.5	U
51-28-5	2,4-Dinitrophenol	102	102	U
100-02-7	4-Nitrophenol	230	230	U
132-64-9	Dibenzofuran	49.3	49.3	U
121-14-2	2,4-Dinitrotoluene	65.1	65.1	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-3-continue
Client Sample ID: S-12A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 10.30
% Solids: 80.6%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	105	105	U
7005-72-3	4-Chlorophenyl-phenyl ether	61.5	61.5	U
86-73-7	Fluorene	46.4	46.4	U
100-01-6	4-Nitroaniline	95.4	95.4	U
534-52-1	4,6-Dinitro-2-methylphenol	94.8	94.8	U
86-30-6	N-nitrosodiphenylamine	86.2	86.2	U
101-55-3	4-Bromophenyl-phenylether	65.3	65.3	U
118-74-1	Hexachlorobenzene	73.2	73.2	U
87-86-5	Pentachlorophenol	117	117	U
85-01-8	Phenanthrene	67.5	**183**	
120-12-7	Anthracene	62.0	62.0	U
84-74-2	Di-n-butylphthalate	103	**105**	B
206-44-0	Fluoranthene	78.7	**58.5**	J
129-00-0	Pyrene	74.4	**87.1**	
85-68-7	Butylbenzylphthalate	106	106	U
91-94-1	3,3'-Dichlorobenzidine	101	101	U
56-55-3	Benzo(a)anthracene	72.2	72.2	U
218-01-9	Chrysene	73.5	**51.3**	J
117-81-7	bis(2-Ethylhexyl)phthalate	121	**66.8**	JB
117-84-0	Di-n-octylphthalate	106	106	U
205-99-2	Benzo(b)fluoranthene	87.5	87.5	U
207-08-9	Benzo(k)fluoranthene	93.8	93.8	U
50-32-8	Benzo(a)pyrene	81.2	81.2	U
193-39-5	Indeno(1,2,3-cd)pyrene	132	132	U
53-70-3	Dibenzo(a,h)anthracene	122	122	U
191-24-2	Benzo(g,h,i)perylene	85.8	85.8	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-4
Client Sample ID: S-12B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 10.40
% Solids: 87.6%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	48.2	48.2	U
111-44-4	bis(2-Chloroethyl)ether	42.6	42.6	U
95-57-8	2-Chlorophenol	382	382	U
541-73-1	1,3-Dichlorobenzene	16.8	16.8	U
106-46-7	1,4-Dichlorobenzene	35.8	35.8	U
100-51-6	Benzyl alcohol	424	424	U
95-50-1	1,2-Dichlorobenzene	30.2	30.2	U
95-48-7	2-Methylphenol	38.1	38.1	U
108-60-1	bis(2-Chloroisopropyl)ether	69.4	69.4	U
106-44-5	3,4-Methylphenol	40.3	40.3	U
621-64-7	N-Nitroso-di-n-propylamine	90.7	90.7	U
67-72-1	Hexachloroethane	44.8	44.8	U
98-95-3	Nitrobenzene	29.1	29.1	U
78-59-1	Isophorone	49.3	49.3	U
88-75-5	2-Nitrophenol	234	234	U
105-67-9	2,4-Dimethylphenol	310	310	U
65-85-0	Benzoic acid	503	503	U
111-91-1	bis(2-Chloroethoxy)methane	33.6	33.6	U
120-83-2	2,4-Dichlorophenol	16.8	16.8	U
120-82-1	1,2,4-Trichlorobenzene	33.6	33.6	U
91-20-3	Naphthalene	29.1	**392**	
106-47-8	4-Chloroaniline	120	120	U
87-68-3	Hexachlorobutadiene	48.2	48.2	U
59-50-7	4-Chloro-3-methylphenol	355	355	U
91-57-6	2-Methylnaphthalene	39.2	**749**	
77-47-4	Hexachlorocyclopentadiene	652	652	U
88-06-2	2,4,6-Trichlorophenol	301	301	U
95-95-4	2,4,5-Trichlorophenol	274	274	U
91-58-7	2-Chloronaphthalene	25.8	25.8	U
88-74-4	2-Nitroaniline	298	298	U
131-11-3	Dimethyl phthalate	62.7	62.7	U
208-96-8	Acenaphthylene	32.5	32.5	U
606-20-2	2,6-Dinitrotoluene	295	295	U
99-09-2	3-Nitroaniline	153	153	U
83-32-9	Acenaphthene	32.5	32.5	U
51-28-5	2,4-Dinitrophenol	465	465	U
100-02-7	4-Nitrophenol	314	314	U
132-64-9	Dibenzofuran	38.1	**189**	
121-14-2	2,4-Dinitrotoluene	301	301	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-4-continue
Client Sample ID: S-12B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 10.40
% Solids: 87.6%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	95.2	95.2	U
7005-72-3	4-Chlorophenyl-phenyl ether	51.5	51.5	U
86-73-7	Fluorene	45.9	**233**	
100-01-6	4-Nitroaniline	177	177	U
534-52-1	4,6-Dinitro-2-methylphenol	231	231	U
86-30-6	N-nitrosodiphenylamine	70.6	70.6	U
101-55-3	4-Bromophenyl-phenylether	63.8	63.8	U
118-74-1	Hexachlorobenzene	104	104	U
87-86-5	Pentachlorophenol	216	216	U
85-01-8	Phenanthrene	63.8	**783**	
120-12-7	Anthracene	58.2	**196**	
84-74-2	Di-n-butylphthalate	113	**87.3**	JB
206-44-0	Fluoranthene	76.2	**836**	
129-00-0	Pyrene	77.3	**827**	
85-68-7	Butylbenzylphthalate	139	139	U
91-94-1	3,3'-Dichlorobenzidine	289	289	U
56-55-3	Benzo(a)anthracene	71.7	**393**	
218-01-9	Chrysene	70.6	**462**	
117-81-7	bis(2-Ethylhexyl)phthalate	138	**535**	B
117-84-0	Di-n-octylphthalate	82.9	82.9	U
205-99-2	Benzo(b)fluoranthene	61.6	**367**	
207-08-9	Benzo(k)fluoranthene	75.0	**354**	
50-32-8	Benzo(a)pyrene	58.2	**366**	
193-39-5	Indeno(1,2,3-cd)pyrene	63.8	**176**	
53-70-3	Dibenzo(a,h)anthracene	63.8	**64.9**	
191-24-2	Benzo(g,h,i)perylene	75.0	**182**	

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-5
Client Sample ID: S-10A
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/8/99 14.10
% Solids: 85.6%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	47.7	47.7	U
111-44-4	bis(2-Chloroethyl)ether	42.2	42.2	U
95-57-8	2-Chlorophenol	379	379	U
541-73-1	1,3-Dichlorobenzene	16.6	16.6	U
106-46-7	1,4-Dichlorobenzene	35.5	35.5	U
100-51-6	Benzyl alcohol	421	421	U
95-50-1	1,2-Dichlorobenzene	30.0	30.0	U
95-48-7	2-Methylphenol	37.7	37.7	U
108-60-1	bis(2-Chloroisopropyl)ether	68.8	68.8	U
106-44-5	3,4-Methylphenol	40.0	40.0	U
621-64-7	N-Nitroso-di-n-propylamine	89.9	89.9	U
67-72-1	Hexachloroethane	44.4	44.4	U
98-95-3	Nitrobenzene	28.9	28.9	U
78-59-1	Isophorone	48.8	48.8	U
88-75-5	2-Nitrophenol	232	232	U
105-67-9	2,4-Dimethylphenol	307	307	U
65-85-0	Benzoic acid	498	498	U
111-91-1	bis(2-Chloroethoxy)methane	33.3	33.3	U
120-83-2	2,4-Dichlorophenol	16.6	16.6	U
120-82-1	1,2,4-Trichlorobenzene	33.3	33.3	U
91-20-3	Naphthalene	28.9	**559**	
106-47-8	4-Chloroaniline	119	119	U
87-68-3	Hexachlorobutadiene	47.7	47.7	U
59-50-7	4-Chloro-3-methylphenol	352	352	U
91-57-6	2-Methylnaphthalene	38.8	**2810**	
77-47-4	Hexachlorocyclopentadiene	646	646	U
88-06-2	2,4,6-Trichlorophenol	299	299	U
95-95-4	2,4,5-Trichlorophenol	272	272	U
91-58-7	2-Chloronaphthalene	25.5	25.5	U
88-74-4	2-Nitroaniline	295	295	U
131-11-3	Dimethyl phthalate	62.2	62.2	U
208-96-8	Acenaphthylene	32.2	32.2	U
606-20-2	2,6-Dinitrotoluene	292	292	U
99-09-2	3-Nitroaniline	152	152	U
83-32-9	Acenaphthene	32.2	**609**	
51-28-5	2,4-Dinitrophenol	461	461	U
100-02-7	4-Nitrophenol	311	311	U
132-64-9	Dibenzofuran	37.7	**339**	
121-14-2	2,4-Dinitrotoluene	299	299	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-5-continue
Client Sample ID: S-10A
Matrix: Soil
Type: Grab
Collected: 12/8/99 14.10
% Solids: 85.6%
Remarks: See case narrative

Analyzed: 12/17/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	94.3	94.3	U
7005-72-3	4-Chlorophenyl-phenyl ether	51.1	51.1	U
86-73-7	Fluorene	45.5	**1220**	
100-01-6	4-Nitroaniline	175	175	U
534-52-1	4,6-Dinitro-2-methylphenol	229	229	U
86-30-6	N-nitrosodiphenylamine	69.9	69.9	U
101-55-3	4-Bromophenyl-phenylether	63.3	63.3	U
118-74-1	Hexachlorobenzene	103	103	U
87-86-5	Pentachlorophenol	214	214	U
85-01-8	Phenanthrene	63.3	**3090**	
120-12-7	Anthracene	57.7	**386**	
84-74-2	Di-n-butylphthalate	112	**159**	B
206-44-0	Fluoranthene	75.5	**413**	
129-00-0	Pyrene	76.6	**655**	
85-68-7	Butylbenzylphthalate	138	138	U
91-94-1	3,3'-Dichlorobenzidine	286	286	U
56-55-3	Benzo(a)anthracene	71.0	**157**	
218-01-9	Chrysene	69.9	**200**	
117-81-7	bis(2-Ethylhexyl)phthalate	137	**386**	B
117-84-0	Di-n-octylphthalate	82.1	82.1	U
205-99-2	Benzo(b)fluoranthene	61.0	**100**	
207-08-9	Benzo(k)fluoranthene	74.4	**117**	
50-32-8	Benzo(a)pyrene	57.7	**94.6**	
193-39-5	Indeno(1,2,3-cd)pyrene	63.3	**53.4**	J
53-70-3	Dibenzo(a,h)anthracene	63.3	63.3	U
191-24-2	Benzo(g,h,i)perylene	74.4	**54.5**	J

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-6
Client Sample ID: S-10B
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/8/99 14.20
% Solids: 87.5%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	25.4	25.4	U
111-44-4	bis(2-Chloroethyl)ether	36.4	36.4	U
95-57-8	2-Chlorophenol	33.1	33.1	U
541-73-1	1,3-Dichlorobenzene	19.5	19.5	U
106-46-7	1,4-Dichlorobenzene	33.3	33.3	U
100-51-6	Benzyl alcohol	23.6	23.6	U
95-50-1	1,2-Dichlorobenzene	36.1	36.1	U
95-48-7	2-Methylphenol	41.6	41.6	U
108-60-1	bis(2-Chloroisopropyl)ether	49.3	49.3	U
106-44-5	3,4-Methylphenol	139	139	U
621-64-7	N-Nitroso-di-n-propylamine	43.7	43.7	U
67-72-1	Hexachloroethane	49.6	49.6	U
98-95-3	Nitrobenzene	38.2	38.2	U
78-59-1	Isophorone	39.3	39.3	U
88-75-5	2-Nitrophenol	55.8	55.8	U
105-67-9	2,4-Dimethylphenol	37.7	37.7	U
65-85-0	Benzoic acid	232	232	U
111-91-1	bis(2-Chloroethoxy)methane	32.1	32.1	U
120-83-2	2,4-Dichlorophenol	57.1	57.1	U
120-82-1	1,2,4-Trichlorobenzene	31.0	31.0	U
91-20-3	Naphthalene	29.6	29.6	U
106-47-8	4-Chloroaniline	27.4	27.4	U
87-68-3	Hexachlorobutadiene	39.3	39.3	U
59-50-7	4-Chloro-3-methylphenol	64.8	64.8	U
91-57-6	2-Methylnaphthalene	41.6	41.6	U
77-47-4	Hexachlorocyclopentadiene	29.5	29.5	U
88-06-2	2,4,6-Trichlorophenol	43.3	43.3	U
95-95-4	2,4,5-Trichlorophenol	63.0	63.0	U
91-58-7	2-Chloronaphthalene	30.4	30.4	U
88-74-4	2-Nitroaniline	64.1	64.1	U
131-11-3	Dimethyl phthalate	57.4	57.4	U
208-96-8	Acenaphthylene	38.8	38.8	U
606-20-2	2,6-Dinitrotoluene	47.3	47.3	U
99-09-2	3-Nitroaniline	107	107	U
83-32-9	Acenaphthene	43.0	43.0	U
51-28-5	2,4-Dinitrophenol	94.2	94.2	U
100-02-7	4-Nitrophenol	212	212	U
132-64-9	Dibenzofuran	45.5	45.5	U
121-14-2	2,4-Dinitrotoluene	60.2	60.2	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-6-continue

Client Sample ID: S-10B

Matrix: Soil

Type: Grab

Collected: 12/8/99 14.20

% Solids: 87.5%

Remarks: See case narrative

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	97.5	97.5	U
7005-72-3	4-Chlorophenyl-phenyl ether	56.9	56.9	U
86-73-7	Fluorene	42.9	42.9	U
100-01-6	4-Nitroaniline	88.2	88.2	U
534-52-1	4,6-Dinitro-2-methylphenol	87.7	87.7	U
86-30-6	N-nitrosodiphenylamine	79.6	79.6	U
101-55-3	4-Bromophenyl-phenylether	60.4	60.4	U
118-74-1	Hexachlorobenzene	67.7	67.7	U
87-86-5	Pentachlorophenol	109	109	U
85-01-8	Phenanthrene	62.4	**53.8**	J
120-12-7	Anthracene	57.3	57.3	U
84-74-2	Di-n-butylphthalate	95.0	**132**	B
206-44-0	Fluoranthene	72.7	72.7	U
129-00-0	Pyrene	68.8	68.8	U
85-68-7	Butylbenzylphthalate	97.6	97.6	U
91-94-1	3,3'-Dichlorobenzidine	93.4	93.4	U
56-55-3	Benzo(a)anthracene	66.8	66.8	U
218-01-9	Chrysene	68.0	68.0	U
117-81-7	bis(2-Ethylhexyl)phthalate	112	**80.2**	JB
117-84-0	Di-n-octylphthalate	98.0	98.0	U
205-99-2	Benzo(b)fluoranthene	80.8	80.8	U
207-08-9	Benzo(k)fluoranthene	86.7	86.7	U
50-32-8	Benzo(a)pyrene	75.0	75.0	U
193-39-5	Indeno(1,2,3-cd)pyrene	122	122	U
53-70-3	Dibenzo(a,h)anthracene	113	113	U
191-24-2	Benzo(g,h,i)perylene	79.3	79.3	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-7
Client Sample ID: S-11A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 11.00
% Solids: 83.3%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	26.6	26.6	U
111-44-4	bis(2-Chloroethyl)ether	38.1	38.1	U
95-57-8	2-Chlorophenol	34.6	34.6	U
541-73-1	1,3-Dichlorobenzene	20.4	20.4	U
106-46-7	1,4-Dichlorobenzene	34.8	34.8	U
100-51-6	Benzyl alcohol	24.7	24.7	U
95-50-1	1,2-Dichlorobenzene	37.7	37.7	U
95-48-7	2-Methylphenol	43.5	43.5	U
108-60-1	bis(2-Chloroisopropyl)ether	51.5	51.5	U
106-44-5	3,4-Methylphenol	146	146	U
621-64-7	N-Nitroso-di-n-propylamine	45.7	45.7	U
67-72-1	Hexachloroethane	51.9	51.9	U
98-95-3	Nitrobenzene	39.9	39.9	U
78-59-1	Isophorone	41.1	41.1	U
88-75-5	2-Nitrophenol	58.3	58.3	U
105-67-9	2,4-Dimethylphenol	39.4	39.4	U
65-85-0	Benzoic acid	243	243	U
111-91-1	bis(2-Chloroethoxy)methane	33.6	33.6	U
120-83-2	2,4-Dichlorophenol	59.7	59.7	U
120-82-1	1,2,4-Trichlorobenzene	32.4	32.4	U
91-20-3	Naphthalene	30.9	30.9	U
106-47-8	4-Chloroaniline	28.6	28.6	U
87-68-3	Hexachlorobutadiene	41.1	41.1	U
59-50-7	4-Chloro-3-methylphenol	67.7	67.7	U
91-57-6	2-Methylnaphthalene	43.5	43.5	U
77-47-4	Hexachlorocyclopentadiene	30.8	30.8	U
88-06-2	2,4,6-Trichlorophenol	45.3	45.3	U
95-95-4	2,4,5-Trichlorophenol	65.9	65.9	U
91-58-7	2-Chloronaphthalene	31.7	31.7	U
88-74-4	2-Nitroaniline	67.0	67.0	U
131-11-3	Dimethyl phthalate	60.0	60.0	U
208-96-8	Acenaphthylene	40.6	40.6	U
606-20-2	2,6-Dinitrotoluene	49.5	49.5	U
99-09-2	3-Nitroaniline	112	112	U
83-32-9	Acenaphthene	45.0	45.0	U
51-28-5	2,4-Dinitrophenol	98.4	98.4	U
100-02-7	4-Nitrophenol	222	222	U
132-64-9	Dibenzofuran	47.6	47.6	U
121-14-2	2,4-Dinitrotoluene	62.9	62.9	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-7-continue

Client Sample ID: S-11A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 11.00
% Solids: 83.3%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	102	102	U
7005-72-3	4-Chlorophenyl-phenyl ether	59.5	59.5	U
86-73-7	Fluorene	44.8	44.8	U
100-01-6	4-Nitroaniline	92.2	92.2	U
534-52-1	4,6-Dinitro-2-methylphenol	91.7	91.7	U
86-30-6	N-nitrosodiphenylamine	83.3	83.3	U
101-55-3	4-Bromophenyl-phenylether	63.1	63.1	U
118-74-1	Hexachlorobenzene	70.7	70.7	U
87-86-5	Pentachlorophenol	114	114	U
85-01-8	Phenanthrene	65.2	**65.8**	
120-12-7	Anthracene	59.9	59.9	U
84-74-2	Di-n-butylphthalate	99.4	**172**	B
206-44-0	Fluoranthene	76.0	76.0	U
129-00-0	Pyrene	71.9	71.9	U
85-68-7	Butylbenzylphthalate	102	102	U
91-94-1	3,3'-Dichlorobenzidine	97.6	97.6	U
56-55-3	Benzo(a)anthracene	69.8	69.8	U
218-01-9	Chrysene	71.1	71.1	U
117-81-7	bis(2-Ethylhexyl)phthalate	117	**91.2**	JB
117-84-0	Di-n-octylphthalate	102	102	U
205-99-2	Benzo(b)fluoranthene	84.5	84.5	U
207-08-9	Benzo(k)fluoranthene	90.6	90.6	U
50-32-8	Benzo(a)pyrene	78.4	78.4	U
193-39-5	Indeno(1,2,3-cd)pyrene	128	128	U
53-70-3	Dibenzo(a,h)anthracene	118	118	U
191-24-2	Benzo(g,h,i)perylene	82.9	82.9	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-8
Client Sample ID: S-11B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 11.10
% Solids: 83.8%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	27.0	27.0	U
111-44-4	bis(2-Chloroethyl)ether	38.7	38.7	U
95-57-8	2-Chlorophenol	35.2	35.2	U
541-73-1	1,3-Dichlorobenzene	20.7	20.7	U
106-46-7	1,4-Dichlorobenzene	35.5	35.5	U
100-51-6	Benzyl alcohol	25.2	25.2	U
95-50-1	1,2-Dichlorobenzene	38.4	38.4	U
95-48-7	2-Methylphenol	44.2	44.2	U
108-60-1	bis(2-Chloroisopropyl)ether	52.4	52.4	U
106-44-5	3,4-Methylphenol	148	148	U
621-64-7	N-Nitroso-di-n-propylamine	46.4	46.4	U
67-72-1	Hexachloroethane	52.8	52.8	U
98-95-3	Nitrobenzene	40.6	40.6	U
78-59-1	Isophorone	41.8	41.8	U
88-75-5	2-Nitrophenol	59.3	59.3	U
105-67-9	2,4-Dimethylphenol	40.1	40.1	U
65-85-0	Benzoic acid	247	247	U
111-91-1	bis(2-Chloroethoxy)methane	34.2	34.2	U
120-83-2	2,4-Dichlorophenol	60.7	60.7	U
120-82-1	1,2,4-Trichlorobenzene	33.0	33.0	U
91-20-3	Naphthalene	31.5	31.5	U
106-47-8	4-Chloroaniline	29.1	29.1	U
87-68-3	Hexachlorobutadiene	41.8	41.8	U
59-50-7	4-Chloro-3-methylphenol	68.9	68.9	U
91-57-6	2-Methylnaphthalene	44.2	44.2	U
77-47-4	Hexachlorocyclopentadiene	31.4	31.4	U
88-06-2	2,4,6-Trichlorophenol	46.1	46.1	U
95-95-4	2,4,5-Trichlorophenol	67.0	67.0	U
91-58-7	2-Chloronaphthalene	32.3	32.3	U
88-74-4	2-Nitroaniline	68.2	68.2	U
131-11-3	Dimethyl phthalate	61.1	61.1	U
208-96-8	Acenaphthylene	41.3	41.3	U
606-20-2	2,6-Dinitrotoluene	50.3	50.3	U
99-09-2	3-Nitroaniline	114	114	U
83-32-9	Acenaphthene	45.7	45.7	U
51-28-5	2,4-Dinitrophenol	100	100	U
100-02-7	4-Nitrophenol	226	226	U
132-64-9	Dibenzofuran	48.4	48.4	U
121-14-2	2,4-Dinitrotoluene	64.0	64.0	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-8-continue
Client Sample ID: S-11B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/8/99 11.10
% Solids: 83.8%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	104	104	U
7005-72-3	4-Chlorophenyl-phenyl ether	60.5	60.5	U
86-73-7	Fluorene	45.6	45.6	U
100-01-6	4-Nitroaniline	93.8	93.8	U
534-52-1	4,6-Dinitro-2-methylphenol	93.2	93.2	U
86-30-6	N-nitrosodiphenylamine	84.7	84.7	U
101-55-3	4-Bromophenyl-phenylether	64.2	64.2	U
118-74-1	Hexachlorobenzene	72.0	72.0	U
87-86-5	Pentachlorophenol	115	115	U
85-01-8	Phenanthrene	66.3	66.3	U
120-12-7	Anthracene	61.0	61.0	U
84-74-2	Di-n-butylphthalate	101	**174**	B
206-44-0	Fluoranthene	77.3	77.3	U
129-00-0	Pyrene	73.1	73.1	U
85-68-7	Butylbenzylphthalate	104	104	U
91-94-1	3,3'-Dichlorobenzidine	99.3	99.3	U
56-55-3	Benzo(a)anthracene	71.0	71.0	U
218-01-9	Chrysene	72.3	72.3	U
117-81-7	bis(2-Ethylhexyl)phthalate	119	**91.3**	JB
117-84-0	Di-n-octylphthalate	104	104	U
205-99-2	Benzo(b)fluoranthene	86.0	86.0	U
207-08-9	Benzo(k)fluoranthene	92.2	92.2	U
50-32-8	Benzo(a)pyrene	79.8	79.8	U
193-39-5	Indeno(1,2,3-cd)pyrene	130	130	U
53-70-3	Dibenzo(a,h)anthracene	120	120	U
191-24-2	Benzo(g,h,i)perylene	84.4	84.4	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-9

Client Sample ID: S-10C

Matrix: Soil Type: Grab

Collected: 12/8/99 14.40

% Solids: 82.3%

Remarks: See case narrative

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	28.2	28.2	U
111-44-4	bis(2-Chloroethyl)ether	40.4	40.4	U
95-57-8	2-Chlorophenol	36.7	36.7	U
541-73-1	1,3-Dichlorobenzene	21.6	21.6	U
106-46-7	1,4-Dichlorobenzene	37.0	37.0	U
100-51-6	Benzyl alcohol	26.2	26.2	U
95-50-1	1,2-Dichlorobenzene	40.0	40.0	U
95-48-7	2-Methylphenol	46.1	46.1	U
108-60-1	bis(2-Chloroisopropyl)ether	54.7	54.7	U
106-44-5	3,4-Methylphenol	155	155	U
621-64-7	N-Nitroso-di-n-propylamine	48.4	48.4	U
67-72-1	Hexachloroethane	55.0	55.0	U
98-95-3	Nitrobenzene	42.3	42.3	U
78-59-1	Isophorone	43.6	43.6	U
88-75-5	2-Nitrophenol	61.9	61.9	U
105-67-9	2,4-Dimethylphenol	41.8	41.8	U
65-85-0	Benzoic acid	258	258	U
111-91-1	bis(2-Chloroethoxy)methane	35.6	35.6	U
120-83-2	2,4-Dichlorophenol	63.3	63.3	U
120-82-1	1,2,4-Trichlorobenzene	34.4	34.4	U
91-20-3	Naphthalene	32.8	32.8	U
106-47-8	4-Chloroaniline	30.4	30.4	U
87-68-3	Hexachlorobutadiene	43.6	43.6	U
59-50-7	4-Chloro-3-methylphenol	71.9	71.9	U
91-57-6	2-Methylnaphthalene	46.1	46.1	U
77-47-4	Hexachlorocyclopentadiene	32.7	32.7	U
88-06-2	2,4,6-Trichlorophenol	48.1	48.1	U
95-95-4	2,4,5-Trichlorophenol	69.9	69.9	U
91-58-7	2-Chloronaphthalene	33.7	33.7	U
88-74-4	2-Nitroaniline	71.1	71.1	U
131-11-3	Dimethyl phthalate	63.7	63.7	U
208-96-8	Acenaphthylene	43.1	43.1	U
606-20-2	2,6-Dinitrotoluene	52.5	52.5	U
99-09-2	3-Nitroaniline	119	119	U
83-32-9	Acenaphthene	47.7	47.7	U
51-28-5	2,4-Dinitrophenol	104	104	U
100-02-7	4-Nitrophenol	235	235	U
132-64-9	Dibenzofuran	50.5	50.5	U
121-14-2	2,4-Dinitrotoluene	66.7	66.7	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4678-9-continue
Client Sample ID: S-10C
Matrix: Soil
Type: Grab
Collected: 12/8/99 14.40
% Solids: 82.3%
Remarks: See case narrative

Analyzed: 12/17/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	108	**97.2**	J
7005-72-3	4-Chlorophenyl-phenyl ether	63.1	63.1	U
86-73-7	Fluorene	47.6	47.6	U
100-01-6	4-Nitroaniline	97.8	97.8	U
534-52-1	4,6-Dinitro-2-methylphenol	97.2	97.2	U
86-30-6	N-nitrosodiphenylamine	88.3	88.3	U
101-55-3	4-Bromophenyl-phenylether	67.0	67.0	U
118-74-1	Hexachlorobenzene	75.0	75.0	U
87-86-5	Pentachlorophenol	120	120	U
85-01-8	Phenanthrene	69.2	69.2	U
120-12-7	Anthracene	63.6	63.6	U
84-74-2	Di-n-butylphthalate	105	**248**	B
206-44-0	Fluoranthene	80.6	80.6	U
129-00-0	Pyrene	76.3	76.3	U
85-68-7	Butylbenzylphthalate	108	108	U
91-94-1	3,3'-Dichlorobenzidine	104	104	U
56-55-3	Benzo(a)anthracene	74.1	74.1	U
218-01-9	Chrysene	75.4	75.4	U
117-81-7	bis(2-Ethylhexyl)phthalate	124	**69.3**	JB
117-84-0	Di-n-octylphthalate	109	109	U
205-99-2	Benzo(b)fluoranthene	89.7	89.7	U
207-08-9	Benzo(k)fluoranthene	96.1	96.1	U
50-32-8	Benzo(a)pyrene	83.2	83.2	U
193-39-5	Indeno(1,2,3-cd)pyrene	135	135	U
53-70-3	Dibenzo(a,h)anthracene	126	126	U
191-24-2	Benzo(g,h,i)perylene	88.0	88.0	U

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ANALYSIS REPORT - Dielectric Fluids

Sample: J4678-2

Client Sample ID: MW-3 Collected: 12/8/99 10.00

Matrix: Liquid Type: Grab

Remarks:

Analyzed: 12/17/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
	Chevron 100	NA	ND	
	Chevron 500	NA	ND	
	Silicon Base TR	NA	ND	
	High Vis. Cable	NA	ND	
	Low Vis. Cable	NA	ND	
	Sun#2 Base TR.O	NA	ND	
	Sun#4 Cable Oil	NA	ND	
	Sun#6 Cable Oil	NA	ND	
	Sun#8 II Base T	NA	ND	
	10C Transformer	NA	**0.68**	

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ANALYSIS REPORT - Mod. 8100/Pet Products

Sample: J4678-2
Client Sample ID: MW-3
Matrix: Liquid
Remarks:

Collected: 12/8/99 10.00
Type: Grab

Analyzed: 12/17/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
	Gasoline	NA	ND	
	Lubricating Oils	NA	ND	
	Kerosene/Jet Fuel	NA	ND	
	#2 Fuel Oil/Diesel	NA	ND	
	#4 Fuel Oil	NA	ND	
	#6 Fuel Oil	NA	ND	
	THC By Mod 8100	0.10	0.68	

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4678-3
Client Sample ID: S-12A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 10.30
% Solids: 80.6%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.54	4.54	U
11104-28-2	PCB 1221	19.3	19.3	U
11141-16-5	PCB 1232	10.2	10.2	U
53469-21-9	PCB 1242	4.28	4.28	U
12672-29-6	PCB 1248	9.71	9.71	U
11097-69-1	PCB 1254	2.26	2.26	U
11096-82-5	PCB 1260	6.43	6.43	U

Sample: J4678-4
Client Sample ID: S-12B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 10.40
% Solids: 87.6%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.31	4.31	U
11104-28-2	PCB 1221	18.4	18.4	U
11141-16-5	PCB 1232	9.72	9.72	U
53469-21-9	PCB 1242	4.07	4.07	U
12672-29-6	PCB 1248	9.22	9.22	U
11097-69-1	PCB 1254	2.14	2.14	U
11096-82-5	PCB 1260	6.11	6.11	U

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1/7/00

ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4678-5
Client Sample ID: S-10A
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/8/99 14.10
% Solids: 85.6%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.35	4.35	U
11104-28-2	PCB 1221	18.5	18.5	U
11141-16-5	PCB 1232	9.81	9.81	U
53469-21-9	PCB 1242	4.11	4.11	U
12672-29-6	PCB 1248	9.30	**369**	
11097-69-1	PCB 1254	2.16	2.16	U
11096-82-5	PCB 1260	6.16	6.16	U

Sample: J4678-6
Client Sample ID: S-10B
Matrix: Soil
Remarks: Report Revised 1/7/00

Type: Grab

Collected: 12/8/99 14.20
% Solids: 87.5%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.16	4.16	U
11104-28-2	PCB 1221	17.7	17.7	U
11141-16-5	PCB 1232	9.38	9.38	U
53469-21-9	PCB 1242	3.93	3.93	U
12672-29-6	PCB 1248	8.90	**312**	
11097-69-1	PCB 1254	2.07	2.07	U
11096-82-5	PCB 1260	5.90	5.90	U

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1/7/00

ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4678-7
Client Sample ID: S-11A
Matrix: Soil
Remarks: Report Revised 1/7/00

Type: Composite

Collected: 12/8/99 11.00
% Solids: 83.3%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.27	4.27	U
11104-28-2	PCB 1221	18.2	18.2	U
11141-16-5	PCB 1232	9.64	9.64	U
53469-21-9	PCB 1242	4.03	4.03	U
12672-29-6	PCB 1248	9.14	**168**	
11097-69-1	PCB 1254	2.12	2.12	U
11096-82-5	PCB 1260	6.06	6.06	U

Sample: J4678-8
Client Sample ID: S-11B
Matrix: Soil
Remarks: Report Revised 1/7/00

Type: Composite

Collected: 12/8/99 11.10
% Solids: 83.8%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.38	4.38	U
11104-28-2	PCB 1221	18.7	18.7	U
11141-16-5	PCB 1232	9.89	9.89	U
53469-21-9	PCB 1242	4.14	4.14	U
12672-29-6	PCB 1248	9.38	**108**	
11097-69-1	PCB 1254	2.18	2.18	U
11096-82-5	PCB 1260	6.22	6.22	U

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1/7/00

ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4678-9
Client Sample ID: S-10C
Matrix: Soil
Remarks: Report Revised 1/7/99

Type: Grab

Collected: 12/8/99 14.40
% Solids: 82.3%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.61	4.61	U
11104-28-2	PCB 1221	19.6	19.6	U
11141-16-5	PCB 1232	10.4	10.4	U
53469-21-9	PCB 1242	4.36	4.36	U
12672-29-6	PCB 1248	9.87	**127**	
11097-69-1	PCB 1254	2.29	2.29	U
11096-82-5	PCB 1260	6.54	6.54	U

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12/29/99

ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4678-3
Client Sample ID: S-12A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 10.30
% Solids: 80.6%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.66	0.66	U
58-89-9	g-BHC (Lindane)	0.72	0.72	U
319-85-7	b-BHC	2.14	2.14	U
76-44-8	Heptachlor	0.90	0.90	U
319-86-8	d-BHC	1.63	1.63	U
309-00-2	Aldrin	0.72	0.72	U
1024-57-3	Heptachlor epoxide	0.89	0.89	U
959-98-8	Endosulfan I	0.61	0.61	U
72-55-9	4,4'-DDE	0.56	0.56	U
60-57-1	Dieldrin	0.49	0.49	U
72-20-8	Endrin	0.85	0.85	U
72-54-8	4,4'-DDD	0.58	0.58	U
33213-65-9	Endosulfan II	0.55	0.55	U
50-29-3	4,4'-DDT	2.02	2.02	U
7421-36-3	Endrin aldehyde	0.60	0.60	U
1031-07-8	Endosulfan sulfate	0.53	0.53	U
5103-71-9	alpha-Chlordane	0.64	0.64	U
5103-74-2	gamma-Chlordane	0.49	0.49	U
57-74-9	Chlordane	3.86	3.86	U
8001-35-2	Toxaphene	22.2	22.2	U
72-43-5	Methoxychlor	2.10	2.10	U
53494-70-5	Endrin ketone	0.67	0.67	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4678-4
Client Sample ID: S-12B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 10.40
% Solids: 87.6%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.63	0.63	U
58-89-9	g-BHC (Lindane)	0.68	0.68	U
319-85-7	b-BHC	2.03	2.03	U
76-44-8	Heptachlor	0.86	0.86	U
319-86-8	d-BHC	1.55	1.55	U
309-00-2	Aldrin	0.68	0.68	U
1024-57-3	Heptachlor epoxide	0.84	0.84	U
959-98-8	Endosulfan I	0.58	0.58	U
72-55-9	4,4'-DDE	0.54	0.54	U
60-57-1	Dieldrin	0.47	0.47	U
72-20-8	Endrin	0.81	0.81	U
72-54-8	4,4'-DDD	0.55	0.55	U
33213-65-9	Endosulfan II	0.52	0.52	U
50-29-3	4,4'-DDT	1.92	1.92	U
7421-36-3	Endrin aldehyde	0.57	0.57	U
1031-07-8	Endosulfan sulfate	0.50	0.50	U
5103-71-9	alpha-Chlordane	0.60	0.60	U
5103-74-2	gamma-Chlordane	0.47	0.47	U
57-74-9	Chlordane	3.67	3.67	U
8001-35-2	Toxaphene	21.1	21.1	U
72-43-5	Methoxychlor	2.00	2.00	U
53494-70-5	Endrin ketone	0.64	0.64	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4678-5
Client Sample ID: S-10A
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/8/99 14.10
% Solids: 85.6%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.63	0.63	U
58-89-9	g-BHC (Lindane)	0.69	0.69	U
319-85-7	b-BHC	2.05	2.05	U
76-44-8	Heptachlor	0.86	0.86	U
319-86-8	d-BHC	1.56	1.56	U
309-00-2	Aldrin	0.69	0.69	U
1024-57-3	Heptachlor epoxide	0.85	0.85	U
959-98-8	Endosulfan I	0.59	0.59	U
72-55-9	4,4'-DDE	0.54	0.54	U
60-57-1	Dieldrin	0.47	0.47	U
72-20-8	Endrin	0.82	0.82	U
72-54-8	4,4'-DDD	0.55	0.55	U
33213-65-9	Endosulfan II	0.53	0.53	U
50-29-3	4,4'-DDT	1.93	1.93	U
7421-36-3	Endrin aldehyde	0.57	0.57	U
1031-07-8	Endosulfan sulfate	0.51	0.51	U
5103-71-9	alpha-Chlordane	0.61	0.61	U
5103-74-2	gamma-Chlordane	0.47	0.47	U
57-74-9	Chlordane	3.70	3.70	U
8001-35-2	Toxaphene	21.3	21.3	U
72-43-5	Methoxychlor	2.01	2.01	U
53494-70-5	Endrin ketone	0.64	0.64	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4678-6
Client Sample ID: S-10B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/8/99 14.20
% Solids: 87.5%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.61	0.61	U
58-89-9	g-BHC (Lindane)	0.66	0.66	U
319-85-7	b-BHC	1.96	1.96	U
76-44-8	Heptachlor	0.83	0.83	U
319-86-8	d-BHC	1.50	1.50	U
309-00-2	Aldrin	0.66	0.66	U
1024-57-3	Heptachlor epoxide	0.81	0.81	U
959-98-8	Endosulfan I	0.56	0.56	U
72-55-9	4,4'-DDE	0.52	0.52	U
60-57-1	Dieldrin	0.45	0.45	U
72-20-8	Endrin	0.78	0.78	U
72-54-8	4,4'-DDD	0.53	0.53	U
33213-65-9	Endosulfan II	0.51	0.51	U
50-29-3	4,4'-DDT	1.85	1.85	U
7421-36-3	Endrin aldehyde	0.55	0.55	U
1031-07-8	Endosulfan sulfate	0.48	0.48	U
5103-71-9	alpha-Chlordane	0.58	0.58	U
5103-74-2	gamma-Chlordane	0.45	0.45	U
57-74-9	Chlordane	3.54	3.54	U
8001-35-2	Toxaphene	20.4	20.4	U
72-43-5	Methoxychlor	1.93	1.93	U
53494-70-5	Endrin ketone	0.62	0.62	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4678-7
Client Sample ID: S-11A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 11.00
% Solids: 83.3%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.62	0.62	U
58-89-9	g-BHC (Lindane)	0.68	0.68	U
319-85-7	b-BHC	2.01	2.01	U
76-44-8	Heptachlor	0.85	0.85	U
319-86-8	d-BHC	1.54	1.54	U
309-00-2	Aldrin	0.68	0.68	U
1024-57-3	Heptachlor epoxide	0.84	0.84	U
959-98-8	Endosulfan I	0.58	0.58	U
72-55-9	4,4'-DDE	0.53	0.53	U
60-57-1	Dieldrin	0.46	0.46	U
72-20-8	Endrin	0.80	0.80	U
72-54-8	4,4'-DDD	0.54	0.54	U
33213-65-9	Endosulfan II	0.52	0.52	U
50-29-3	4,4'-DDT	1.90	1.90	U
7421-36-3	Endrin aldehyde	0.56	0.56	U
1031-07-8	Endosulfan sulfate	0.50	0.50	U
5103-71-9	alpha-Chlordane	0.60	0.60	U
5103-74-2	gamma-Chlordane	0.46	0.46	U
57-74-9	Chlordane	3.64	3.64	U
8001-35-2	Toxaphene	20.9	20.9	U
72-43-5	Methoxychlor	1.98	1.98	U
53494-70-5	Endrin ketone	0.63	0.63	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4678-8
Client Sample ID: S-11B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 11.10
% Solids: 83.8%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.64	0.64	U
58-89-9	g-BHC (Lindane)	0.70	0.70	U
319-85-7	b-BHC	2.06	2.06	U
76-44-8	Heptachlor	0.87	0.87	U
319-86-8	d-BHC	1.58	1.58	U
309-00-2	Aldrin	0.70	0.70	U
1024-57-3	Heptachlor epoxide	0.86	0.86	U
959-98-8	Endosulfan I	0.59	0.59	U
72-55-9	4,4'-DDE	0.55	0.55	U
60-57-1	Dieldrin	0.48	0.48	U
72-20-8	Endrin	0.82	0.82	U
72-54-8	4,4'-DDD	0.56	0.56	U
33213-65-9	Endosulfan II	0.53	0.53	U
50-29-3	4,4'-DDT	1.95	1.95	U
7421-36-3	Endrin aldehyde	0.58	0.58	U
1031-07-8	Endosulfan sulfate	0.51	0.51	U
5103-71-9	alpha-Chlordane	0.61	0.61	U
5103-74-2	gamma-Chlordane	0.48	0.48	U
57-74-9	Chlordane	3.74	3.74	U
8001-35-2	Toxaphene	21.5	21.5	U
72-43-5	Methoxychlor	2.03	2.03	U
53494-70-5	Endrin ketone	0.65	0.65	U

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12/29/99

ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4678-9

Client Sample ID: S-10C

Matrix: Soil

Type: Grab

Collected: 12/8/99 14.40

% Solids: 82.3%

Remarks:

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.67	0.67	U
58-89-9	g-BHC (Lindane)	0.73	0.73	U
319-85-7	b-BHC	2.17	2.17	U
76-44-8	Heptachlor	0.92	0.92	U
319-86-8	d-BHC	1.66	1.66	U
309-00-2	Aldrin	0.73	0.73	U
1024-57-3	Heptachlor epoxide	0.90	0.90	U
959-98-8	Endosulfan I	0.62	0.62	U
72-55-9	4,4'-DDE	0.57	0.57	U
60-57-1	Dieldrin	0.50	0.50	U
72-20-8	Endrin	0.87	0.87	U
72-54-8	4,4'-DDD	0.59	0.59	U
33213-65-9	Endosulfan II	0.56	0.56	U
50-29-3	4,4'-DDT	2.05	2.05	U
7421-36-3	Endrin aldehyde	0.61	0.61	U
1031-07-8	Endosulfan sulfate	0.54	0.54	U
5103-71-9	alpha-Chlordane	0.65	0.65	U
5103-74-2	gamma-Chlordane	0.50	0.50	U
57-74-9	Chlordane	3.93	3.93	U
8001-35-2	Toxaphene	22.6	22.6	U
72-43-5	Methoxychlor	2.13	2.13	U
53494-70-5	Endrin ketone	0.68	0.68	U

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4678-2
Client Sample ID: MW-3
Matrix: Liquid
Remarks:

Collected: 12/8/99 10.00
Type: Grab

Analyzed: 12/16/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**3.36**	
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	0.0067	U
7440-39-3	Barium	0.11	**0.10**	J
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	**0.0050**	
7440-70-2	Calcium	1.11	**59.4**	
7440-47-3	Chromium	0.0056	**0.0060**	
7440-48-4	Cobalt	0.011	0.011	U
7440-50-8	Copper	0.011	**0.029**	
7439-89-6	Iron	0.11	**23.9**	
7439-92-1	Lead	0.0022	**0.087**	
7439-95-4	Magnesium	1.11	**13.3**	
7439-96-5	Manganese	0.011	**0.78**	
7439-97-6	Mercury	0.000050	0.000050	U
7440-02-0	Nickel	0.011	**0.0080**	J
7440-09-7	Potassium	1.11	**25.7**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	0.0089	U
7440-23-5	Sodium	1.11	**157**	
7440-28-0	Thallium	0.060	**0.027**	J
7440-62-2	Vanadium	0.011	**0.012**	
7440-66-6	Zinc	0.011	**0.20**	

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ANALYSIS REPORT - METALS

Sample: J4678-3
Client Sample ID: S-12A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 10.30
% Solids: 80.6%

Analyzed: 12/16/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	19.1	4540	
7440-36-0	Antimony	1.24	1.24	U
7440-38-2	Arsenic	0.74	3.97	
7440-39-3	Barium	12.4	32.4	
7440-41-7	Beryllium	0.25	0.50	
7440-43-9	Cadmium	0.37	0.62	
7440-70-2	Calcium	124	573	
7440-47-3	Chromium	0.62	13.3	
7440-48-4	Cobalt	1.24	5.33	
7440-50-8	Copper	1.24	12.2	
7439-89-6	Iron	12.4	14000	
7439-92-1	Lead	0.25	50.3	
7439-95-4	Magnesium	124	1410	
7439-96-5	Manganese	1.24	253	
7439-97-6	Mercury	0.011	0.060	
7440-02-0	Nickel	1.24	10.7	
7440-09-7	Potassium	124	604	
7782-49-2	Selenium	0.62	0.62	U
7440-22-4	Silver	0.99	0.99	U
7440-23-5	Sodium	124	605	
7440-28-0	Thallium	6.70	6.70	U
7440-62-2	Vanadium	1.24	20.2	
7440-66-6	Zinc	1.24	32.6	

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1/7/00

ANALYSIS REPORT - METALS

Sample: J4678-4
Client Sample ID: S-12B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 10.40
% Solids: 87.6%

Analyzed: 12/16/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.6	**2460**	
7440-36-0	Antimony	1.14	1.14	U
7440-38-2	Arsenic	0.68	**2.96**	
7440-39-3	Barium	11.4	**116**	
7440-41-7	Beryllium	0.23	**0.31**	
7440-43-9	Cadmium	0.34	**1.03**	
7440-70-2	Calcium	114	**1620**	
7440-47-3	Chromium	0.57	**9.58**	
7440-48-4	Cobalt	1.14	**5.02**	
7440-50-8	Copper	1.14	**112**	
7439-89-6	Iron	11.4	**11500**	
7439-92-1	Lead	0.23	**239**	
7439-95-4	Magnesium	114	**1170**	
7439-96-5	Manganese	1.14	**124**	
7439-97-6	Mercury	0.0100	**0.78**	
7440-02-0	Nickel	1.14	**10.5**	
7440-09-7	Potassium	114	**261**	
7782-49-2	Selenium	0.57	0.57	U
7440-22-4	Silver	0.91	0.91	U
7440-23-5	Sodium	114	114	U
7440-28-0	Thallium	6.16	6.16	U
7440-62-2	Vanadium	1.14	**12.8**	
7440-66-6	Zinc	1.14	**226**	

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ANALYSIS REPORT - METALS

Sample: J4678-5
Client Sample ID: S-10A
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/8/99 14.10
% Solids: 85.6%

Analyzed: 12/16/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	18.0	**6730**	
7440-36-0	Antimony	1.17	1.17	U
7440-38-2	Arsenic	0.70	**5.62**	
7440-39-3	Barium	11.7	**45.0**	
7440-41-7	Beryllium	0.23	**0.41**	
7440-43-9	Cadmium	0.35	**0.70**	
7440-70-2	Calcium	117	**380**	
7440-47-3	Chromium	0.58	**16.3**	
7440-48-4	Cobalt	1.17	**6.79**	
7440-50-8	Copper	1.17	**21.6**	
7439-89-6	Iron	11.7	**15600**	
7439-92-1	Lead	0.23	**63.9**	
7439-95-4	Magnesium	117	**2050**	
7439-96-5	Manganese	1.17	**246**	
7439-97-6	Mercury	0.0100	**0.18**	
7440-02-0	Nickel	1.17	**13.2**	
7440-09-7	Potassium	117	**901**	
7782-49-2	Selenium	0.58	0.58	U
7440-22-4	Silver	0.94	0.94	U
7440-23-5	Sodium	117	**473**	
7440-28-0	Thallium	6.32	6.32	U
7440-62-2	Vanadium	1.17	**23.2**	
7440-66-6	Zinc	1.17	**62.7**	

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1/7/00

ANALYSIS REPORT - METALS

Sample: J4678-6
Client Sample ID: S-10B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/8/99 14.20
% Solids: 87.5%

Analyzed: 12/16/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.6	**5910**	
7440-36-0	Antimony	1.14	1.14	U
7440-38-2	Arsenic	0.68	**1.71**	
7440-39-3	Barium	11.4	**36.3**	
7440-41-7	Beryllium	0.23	**0.34**	
7440-43-9	Cadmium	0.34	**0.41**	
7440-70-2	Calcium	114	**366**	
7440-47-3	Chromium	0.57	**12.1**	
7440-48-4	Cobalt	1.14	**4.73**	
7440-50-8	Copper	1.14	**6.78**	
7439-89-6	Iron	11.4	**11000**	
7439-92-1	Lead	0.23	**7.68**	
7439-95-4	Magnesium	114	**1740**	
7439-96-5	Manganese	1.14	**261**	
7439-97-6	Mercury	0.0100	**0.28**	
7440-02-0	Nickel	1.14	**9.35**	
7440-09-7	Potassium	114	**886**	
7782-49-2	Selenium	0.57	0.57	U
7440-22-4	Silver	0.91	0.91	U
7440-23-5	Sodium	114	**724**	
7440-28-0	Thallium	6.16	6.16	U
7440-62-2	Vanadium	1.14	**17.2**	
7440-66-6	Zinc	1.14	**22.7**	

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ANALYSIS REPORT - METALS

Sample: J4678-7
Client Sample ID: S-11A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 11.00
% Solids: 83.3%

Analyzed: 12/16/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	18.5	**4510**	
7440-36-0	Antimony	1.20	1.20	U
7440-38-2	Arsenic	0.72	**1.80**	
7440-39-3	Barium	12.0	**38.6**	
7440-41-7	Beryllium	0.24	**0.35**	
7440-43-9	Cadmium	0.36	**0.72**	
7440-70-2	Calcium	120	**912**	
7440-47-3	Chromium	0.60	**133**	
7440-48-4	Cobalt	1.20	**6.72**	
7440-50-8	Copper	1.20	**17.9**	
7439-89-6	Iron	12.0	**19100**	
7439-92-1	Lead	0.24	**38.8**	
7439-95-4	Magnesium	120	**1430**	
7439-96-5	Manganese	1.20	**452**	
7439-97-6	Mercury	0.0100	**0.13**	
7440-02-0	Nickel	1.20	**12.7**	
7440-09-7	Potassium	120	**798**	
7782-49-2	Selenium	0.60	0.60	U
7440-22-4	Silver	0.96	**1.08**	
7440-23-5	Sodium	120	120	U
7440-28-0	Thallium	6.48	6.48	U
7440-62-2	Vanadium	1.20	**27.0**	
7440-66-6	Zinc	1.20	**127**	

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ANALYSIS REPORT - METALS

Sample: J4678-8
Client Sample ID: S-11B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 11.10
% Solids: 83.8%

Analyzed: 12/16/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	18.3	**8380**	
7440-36-0	Antimony	1.19	1.19	U
7440-38-2	Arsenic	0.71	**3.93**	
7440-39-3	Barium	11.9	**41.8**	
7440-41-7	Beryllium	0.24	**0.36**	
7440-43-9	Cadmium	0.36	**0.55**	
7440-70-2	Calcium	119	**538**	
7440-47-3	Chromium	0.60	**43.9**	
7440-48-4	Cobalt	1.19	**6.78**	
7440-50-8	Copper	1.19	**15.0**	
7439-89-6	Iron	11.9	**16700**	
7439-92-1	Lead	0.24	**76.3**	
7439-95-4	Magnesium	119	**2030**	
7439-96-5	Manganese	1.19	**376**	
7439-97-6	Mercury	0.0100	**0.074**	
7440-02-0	Nickel	1.19	**13.0**	
7440-09-7	Potassium	119	**1110**	
7782-49-2	Selenium	0.60	0.60	U
7440-22-4	Silver	0.95	0.95	U
7440-23-5	Sodium	119	**793**	
7440-28-0	Thallium	6.43	6.43	U
7440-62-2	Vanadium	1.19	**24.9**	
7440-66-6	Zinc	1.19	**49.7**	

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1/7/00

ANALYSIS REPORT - METALS

Sample: J4678-9

Client Sample ID: S-10C

Matrix: Soil

Type: Grab

Collected: 12/8/99 14.40

% Solids: 82.3%

Remarks:

Analyzed: 12/16/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	18.8	6370	
7440-36-0	Antimony	1.22	1.22	U
7440-38-2	Arsenic	0.73	3.62	
7440-39-3	Barium	12.2	33.1	
7440-41-7	Beryllium	0.24	0.40	
7440-43-9	Cadmium	0.37	0.51	
7440-70-2	Calcium	122	207	
7440-47-3	Chromium	0.61	14.6	
7440-48-4	Cobalt	1.22	5.75	
7440-50-8	Copper	1.22	7.37	
7439-89-6	Iron	12.2	14800	
7439-92-1	Lead	0.24	4.75	
7439-95-4	Magnesium	122	1990	
7439-96-5	Manganese	1.22	228	
7439-97-6	Mercury	0.011	0.016	
7440-02-0	Nickel	1.22	10.4	
7440-09-7	Potassium	122	1170	
7782-49-2	Selenium	0.61	0.61	U
7440-22-4	Silver	0.98	0.98	U
7440-23-5	Sodium	122	875	
7440-28-0	Thallium	6.59	6.59	U
7440-62-2	Vanadium	1.22	25.7	
7440-66-6	Zinc	1.22	28.6	

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1/7/00

ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4678-2
Client Sample ID: MW-3
Matrix: Liquid
Remarks:

Collected: 12/8/99 10.00
Type: Grab

Analyzed: 12/16/99
Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**0.062**	J
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	0.0067	U
7440-39-3	Barium	0.11	**0.045**	J
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	0.0033	U
7440-70-2	Calcium	1.11	**60.4**	
7440-47-3	Chromium	0.0056	0.0056	U
7440-48-4	Cobalt	0.011	0.011	U
7440-50-8	Copper	0.011	0.011	U
7439-89-6	Iron	0.11	**10.7**	
7439-92-1	Lead	0.0022	**0.0030**	
7439-95-4	Magnesium	1.11	**13.2**	
7439-96-5	Manganese	0.011	**0.71**	
7439-97-6	Mercury	0.000050	0.000050	U
7440-02-0	Nickel	0.011	0.011	U
7440-09-7	Potassium	1.11	**25.8**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	0.0089	U
7440-23-5	Sodium	1.11	**170**	
7440-28-0	Thallium	0.060	0.060	U
7440-62-2	Vanadium	0.011	0.011	U
7440-66-6	Zinc	0.011	**0.073**	

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1/7/00

ANALYSIS REPORT - WET LAB

Sample: J4678-2
Client Sample ID: MW-3
Matrix: Liquid
Remarks:
Type: Grab
Collected: 12/8/99 10.00

Analyzed	Parameter	MDL	Result	Q	Units
12/20/99	Cyanide	0.0060	0.0060	U	ppm

Sample: J4678-3
Client Sample ID: S-12A
Matrix: Soil
Remarks:
Type: Composite
Collected: 12/8/99 10.30
% Solids: 80.6%

Analyzed	Parameter	MDL	Result	Q	Units
12/20/99	Cyanide	0.0060	0.0060	U	ppm

Sample: J4678-4
Client Sample ID: S-12B
Matrix: Soil
Remarks:
Type: Composite
Collected: 12/8/99 10.40
% Solids: 87.6%

Analyzed	Parameter	MDL	Result	Q	Units
12/20/99	Cyanide	0.29	0.29		ppm

Sample: J4678-5
Client Sample ID: S-10A
Matrix: Soil
Remarks:
Type: Grab
Collected: 12/8/99 14.10
% Solids: 85.6%

Analyzed	Parameter	MDL	Result	Q	Units
12/20/99	Cyanide	0.0060	0.0060	U	ppm

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ANALYSIS REPORT - ANALYSIS REPORT - WET LAB

1/7/00

Sample: J4678-6
Client Sample ID: S-10B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/8/99 14.20
% Solids: 87.5%

Analyzed	Parameter	MDL	Result	Q	Units
12/20/99	Cyanide	0.0060	0.0060	U	ppm

Sample: J4678-7
Client Sample ID: S-11A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 11.00
% Solids: 83.3%

Analyzed	Parameter	MDL	Result	Q	Units
12/20/99	Cyanide	0.0060	0.0060	U	ppm

Sample: J4678-8
Client Sample ID: S-11B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/8/99 11.10
% Solids: 83.8%

Analyzed	Parameter	MDL	Result	Q	Units
12/20/99	Cyanide	0.0060	0.0060	U	ppm

Sample: J4678-9
Client Sample ID: S-10C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/8/99 14.40
% Solids: 82.3%

Analyzed	Parameter	MDL	Result	Q	Units
12/20/99	Cyanide	0.28	0.34		ppm

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1/7/00

CASE NARRATIVE

EPA8270

Samples #2-9: Bis(2-ethylhexyl)phthalate and di-n-butylphthalate, which were found in the blanks associated with these samples,are common laboratory contaminants.

8260

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone
2-Butanone
4-Methyl,2-pentanone
2-Hexanone

M&P-Xylenes were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Samples were quantitated using the continuing calibration standard response factor as opposed to the initial calibration average response factor.

Miscellaneous
Upon final QC review, the following changes have been made:

J4678-8 m,p-xylene changed from ND to 2.1 ppb
J4678-6, 7, 8, 9 results for PCB's have been recalculated
J4678-4, 2 results for beryllium have changed
J4678-4, 9 results for cyanide have been recalculated

Reviewed by: Patricia Werner

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12/29/99

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is a non-detect.

J - Indicates an estimated value. The concentration was detected lower than the Contract Required Detection Limit, but greater than the Method Detection Limit.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag identifies all compounds identified in an analysis at a secondary dilution.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - entered when the analyte was analyzed for, but not detected.

Q - qualifier specific entries and their meanings are as follows:

E - the reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
NR - when the analyte is not required to be analyzed.
P - ICP
T - Titrimetric

ETL

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CHAIN OF CUSTODY DOCUMENT

J 4678

Project Name: North First Street | Project Manager: Ed Schwetz | Sampler (Signature): | (Print): Delevale

Project Address: North First Street

Client Con Ed | J/N: | ☐ Rush by / /

SAMPLE INFO Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank. Matrix: L = Liquid; S = Soil; SL = Sludge; A* = Air; W = Wipe. *Air - Vol. (Liters) include Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total. # Cont.
1	12/8/99	1000	G	L	TB-3	1
2	12/8/99	1000	G	L	MW-3	10
3	12/8/99	1030	C	S	S-12A	1
4	12/8/99	1040	C	S	S-12B	1
5	12/8/99	1410	G	S	S-10A	1
6	12/8/99	1420	G	S	S-10B	1
7	12/8/99	1100	C	S	S-11A	1
8	12/8/99	1110	C	S	S-11B	1
9	12/8/99	1440	G	S	S-10C	1
10						
11						
12						
13						
14						
15						

601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH	VOCs	SVOCs	Tal Metals	Tal Metals Unfiltered	Tal Metals Filtered	Cyanide
				✓						✓					
					✓					✓	✓	✓	✓	✓	
				✓						✓	✓	✓		✓	
				✓						✓	✓	✓		✓	
				✓						✓	✓	✓		✓	
				✓						✓	✓	✓		✓	
				✓						✓	✓	✓		✓	
				✓						✓	✓	✓		✓	
				✓						✓	✓	✓		✓	

OFFICE COPY

Relinquished by (Signature):	Date / Time	Printed Name & Agent	Received by (Signature):	Date / Time	Printed Name & Agent
	12/8/99 1830				
Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received for Lab by (Signature):	Date 12/11/99 Time 1000	Printed Name C. Cegeyti

Comments & Special Instructions	QA/QC Type:	Number & Type of Containers: 4-Ambers 1-VOA HCL 2-500 PH NO3 7-8 oz.	Preservatives:	Temp: 5°
		50 NA		

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 516-249-1456 Fax - 516-249-8344

12/29/99

Custody Document J4662
Received: 12/15/99 10:15
Sampled by: Michael Jay Pfaff

Project: Con Ed North First Street

Manager: Ed Schwetz

Respectfully submitted,
Environmental Testing Laboratories,Inc.

Assistant Laboratory Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
VA Cert. # 108
CA Cert. # 2253
NH Cert. # 252592-BA
MA Cert. # NY061
RI Cert. # 161
PA Cert. # 68-535

Environmental Testing Laboratories, Inc.

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12/29/99

ANALYSIS REPORT - TCLP-EPA 8240/624

Sample: J4662-1
Client Sample ID: Z-03 Collected: 12/14/99 09.15
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/17/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
71-43-2	Benzene	0.00014	0.00014	U
56-23-5	Carbon Tetrachloride	0.00034	0.00034	U
108-90-7	Chlorobenzene	0.00021	0.00021	U
67-66-3	Chloroform	0.00026	0.00026	U
107-06-2	1,2-Dichloroethane	0.00019	0.00019	U
75-35-4	1,1-Dichloroethene	0.00048	0.00048	U
78-93-3	Methyl Ethyl Ketone	0.00082	0.00082	U
127-18-4	Tetrachloroethene	0.00028	0.00028	U
79-01-6	Trichloroethene	0.00027	0.00027	U
75-01-4	Vinyl Chloride	0.00041	0.00041	U

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12/29/99

ANALYSIS REPORT - TCLP-EPA 8240/624

Sample: J4662-2
Client Sample ID: Z-04 Collected: 12/14/99 12.45
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/17/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
71-43-2	Benzene	0.00014	0.00014	U
56-23-5	Carbon Tetrachloride	0.00034	0.00034	U
108-90-7	Chlorobenzene	0.00021	0.00021	U
67-66-3	Chloroform	0.00026	0.00026	U
107-06-2	1,2-Dichloroethane	0.00019	0.00019	U
75-35-4	1,1-Dichloroethene	0.00048	0.00048	U
78-93-3	Methyl Ethyl Ketone	0.00082	0.00082	U
127-18-4	Tetrachloroethene	0.00028	0.00028	U
79-01-6	Trichloroethene	0.00027	0.00027	U
75-01-4	Vinyl Chloride	0.00041	0.00041	U

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12/29/99

ANALYSIS REPORT - TCLP-EPA 8240/624

Sample: J4662-3
Client Sample ID: TB-5 Collected: 12/14/99
Matrix: Liquid Type: Blank
Remarks: See case narrative

Analyzed: 12/17/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
71-43-2	Benzene	0.00014	0.014	
56-23-5	Carbon Tetrachloride	0.00034	0.00034	U
108-90-7	Chlorobenzene	0.00021	0.00021	U
67-66-3	Chloroform	0.00026	0.00026	U
107-06-2	1,2-Dichloroethane	0.00019	0.00019	U
75-35-4	1,1-Dichloroethene	0.00048	0.00048	U
78-93-3	Methyl Ethyl Ketone	0.00082	0.00082	U
127-18-4	Tetrachloroethene	0.00028	0.00028	U
79-01-6	Trichloroethene	0.00027	0.00027	U
75-01-4	Vinyl Chloride	0.00041	0.00041	U

Environmental Testing Laboratories, Inc.

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12/29/99

ANALYSIS REPORT - TCLP Semi-Volatiles

Sample: J4662-1
Client Sample ID: Z-03
Matrix: Liquid
Remarks:

Collected: 12/14/99 09.15

Type: Grab

Analyzed: 12/22/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
95-48-7	o-cresol	0.0017	0.0017	U
106-44-5	m,p-cresol	0.0016	0.0016	U
	Cresol	0.0032	0.0032	U
106-46-7	1,4-Dichlorobenzene	0.0015	0.0015	U
121-14-2	2,4-Dinitrotoluene	0.0019	0.0019	U
118-74-1	Hexachlorobenzene	0.0023	0.0023	U
87-68-3	Hexachlorobutadiene	0.0100	0.0100	U
67-72-1	Hexachloroethane	0.0019	0.0019	U
98-95-3	Nitrobenzene	0.0017	0.0017	U
87-86-5	Pentachlorophenol	0.050	0.050	U
110-86-1	Pyridine	0.00086	0.00086	U
95-95-4	2,4,5-Trichlorophenol	0.0017	0.0017	U
88-06-2	2,4,6-Trichlorophenol	0.0015	0.0015	U

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12/29/99

ANALYSIS REPORT - TCLP Semi-Volatiles

Sample: J4662-2

Client Sample ID: Z-04 Collected: 12/14/99 12.45
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/22/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
95-48-7	o-cresol	0.0017	0.0017	U
106-44-5	m,p-cresol	0.0016	0.0016	U
	Cresol	0.0032	0.0032	U
106-46-7	1,4-Dichlorobenzene	0.0015	0.0015	U
121-14-2	2,4-Dinitrotoluene	0.0019	0.0019	U
118-74-1	Hexachlorobenzene	0.0023	0.0023	U
87-68-3	Hexachlorobutadiene	0.0100	0.0100	U
67-72-1	Hexachloroethane	0.0019	0.0019	U
98-95-3	Nitrobenzene	0.0017	0.0017	U
87-86-5	Pentachlorophenol	0.050	0.050	U
110-86-1	Pyridine	0.00086	0.00086	U
95-95-4	2,4,5-Trichlorophenol	0.0017	0.0017	U
88-06-2	2,4,6-Trichlorophenol	0.0015	0.0015	U

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12/29/99

ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4662-1
Client Sample ID: Z-03
Matrix: Liquid
Remarks:

Collected: 12/14/99 09.15

Type: Grab

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.10	0.10	U
11104-28-2	PCB 1221	0.070	0.070	U
11141-16-5	PCB 1232	0.090	0.090	U
53469-21-9	PCB 1242	0.0100	0.0100	U
12672-29-6	PCB 1248	0.020	0.020	U
11097-69-1	PCB 1254	0.030	0.030	U
11096-82-5	PCB 1260	0.050	0.050	U

Sample: J4662-2
Client Sample ID: Z-04
Matrix: Liquid
Remarks:

Collected: 12/14/99 12.45

Type: Grab

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.10	0.10	U
11104-28-2	PCB 1221	0.070	0.070	U
11141-16-5	PCB 1232	0.090	0.090	U
53469-21-9	PCB 1242	0.0100	0.0100	U
12672-29-6	PCB 1248	0.020	0.020	U
11097-69-1	PCB 1254	0.030	0.030	U
11096-82-5	PCB 1260	0.050	0.050	U

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12/29/99

ANALYSIS REPORT - Total Organic Halides

Sample: J4662-1
Client Sample ID: Z-03 Collected: 12/14/99 09.15
Matrix: Liquid Type: Grab
Remarks: Analyzed by a NYSDOH lab other than ETL

Analyzed: 12/17/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
	Total Organic Halides	10.0	10.0	U

Sample: J4662-2
Client Sample ID: Z-04 Collected: 12/14/99 12.45
Matrix: Liquid Type: Grab
Remarks: Analyzed by a NYSDOH lab other than ETL

Analyzed: 12/17/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
	Total Organic Halides	10.0	10.0	U

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12/29/99

ANALYSIS REPORT - WET LAB

Sample: J4662-1
Client Sample ID: Z-03 Collected: 12/14/99 09.15
Matrix: Liquid Type: Grab
Remarks:

Analyzed	Parameter	MDL	Result	Q	Units
12/21/99	Flash Point	1.00	>100		deg C
12/21/99	pH-over-aged	NA	**7.46**		
12/21/99	Temperature	NA	**20.3**		C
12/22/99	Releasable Cyanide	0.10	0.10	U	ppm
12/22/99	Releasable H2 Sulfide	0.0100	0.0100	U	ppm
12/22/99	Reactivity	NA	Negative		

Sample: J4662-2
Client Sample ID: Z-04 Collected: 12/14/99 12.45
Matrix: Liquid Type: Grab
Remarks:

Analyzed	Parameter	MDL	Result	Q	Units
12/21/99	Flash Point	1.00	>100		deg C
12/21/99	pH-over-aged	NA	**7.86**		
12/21/99	Temperature	NA	**20.7**		C
12/22/99	Releasable Cyanide	0.10	0.10	U	ppm
12/22/99	Releasable H2 Sulfide	0.0100	0.0100	U	ppm
12/22/99	Reactivity	NA	Negative		

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12/29/99

CASE NARRATIVE

TCLP8240

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone
2-Butanone
4-Methyl,2-pentanone
2-Hexanone

M&P-Xylenes were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Samples were quantitated using the continuing calibration standard response factor as opposed to the initial calibration average response factor.

Reviewed by: _____

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 516-249-1456 Fax - 516-249-8344

12/29/99

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is a non-detect.

J - Indicates an estimated value. The concentration was detected lower than the Contract Required Detection Limit, but greater than the Method Detection Limit.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag identifies all compounds identified in an analysis at a secondary dilution.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - entered when the analyte was analyzed for, but not detected.

Q - qualifier specific entries and their meanings are as follows:

E - the reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
NR - when the analyte is not required to be analyzed.
P - ICP
T - Titrimetric

ETL

Environmental Testing Laboratories, Inc.
208 Route 109 • Farmingdale • New York 11735
516-249-1456 • Fax: 516-249-8344

CHAIN OF CUSTODY DOCUMENT

J 4662

Project Name: North First Street | Project Manager: Ed Schwetz | Sampler (Signature): Michael Jay PFAFF (Print): Michael Jay PFAFF

Project Address: North First Street

Client Con Ed | J/N: | ☐ Rush by 12/20/99

SAMPLE INFO Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank; Matrix: L = Liquid, S = Soil, SL = Sludge, A* = Air, W = Wipe | *Air - Vol (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total # Cont.
1	12/14/99	0915	G	L	Z-03	10
2	12/14/99	1245	G	L	Z-04	10
3	12/14/99	—	—	L	TB-5	1
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH	TCLP Vols	Total Organic Halogens	TCLP SVOCs	Total PCBs	Reactivity	Corrosivity
									✓	✓	✓	✓	✓		
									✓	✓	✓	✓	✓		
									✓						

John Pfaff 12/14/99 1700

Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received by (Signature):	Date / Time	Printed Name & Agent
John Pfaff	12/14/99 1700				
Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received for Lab by (Signature):	12/15/99 1015	Printed Name C. Negrin
Comments & Special Instructions: 1 1 45 36		QA/QC Type:	Number & Type of Containers: 8 Amber, 1 VOA HCL	Preservatives:	Temp: 5°

CLIENT COPY

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 516-249-1456 Fax - 516-249-8344

12/29/99

Custody Document J4660
Received: 12/11/99 11:00
Sampled by: N/A

Project: Con Ed North First Street

Manager: Ed Schwetz

Respectfully submitted,
Environmental Testing Laboratories,Inc.

Assistant Laboratory Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
VA Cert. # 108
CA Cert. # 2253
NH Cert. # 252592-BA
MA Cert. # NY061
RI Cert. # 161
PA Cert. # 68-535

Environmental Testing Laboratories, Inc.

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Phone - 516-249-1456 Fax - 516-249-8344

12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4660-1
Client Sample ID: W-01 Collected: 12/9/99 13.00
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/15/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	2.20	2.20	U
75-45-6	Chlorodifluoromethane	4.60	4.60	U
74-87-3	Chloromethane	3.80	3.80	U
75-01-4	Vinyl Chloride	4.10	4.10	U
74-83-9	Bromomethane	3.70	3.70	U
75-00-3	Chloroethane	2.50	2.50	U
75-69-4	Trichlorofluoromethane	3.20	3.20	U
76-13-1	1,1,2-Trichlorotrifluoroethane	2.60	2.60	U
75-35-4	1,1-Dichloroethene	4.80	4.80	U
67-64-1	Acetone	13.0	13.0	U
75-15-0	Carbon disulfide	2.10	2.10	U
75-09-2	Methylene Chloride	3.00	3.00	U
156-60-5	t-1,2-Dichloroethene	2.80	2.80	U
1634-04-4	Methyl t-butyl ether	2.30	2.30	U
75-34-3	1,1-Dichloroethane	1.80	1.80	U
590-20-7	2,2-Dichloropropane	3.70	3.70	U
156-59-2	c-1,2-Dichloroethene	3.40	3.40	U
78-93-3	2-Butanone	8.20	8.20	U
74-97-5	Bromochloromethane	2.60	2.60	U
67-66-3	Chloroform	2.60	2.60	U
71-55-6	1,1,1-Trichloroethane	3.10	3.10	U
56-23-5	Carbon Tetrachloride	3.40	3.40	U
563-58-6	1,1-Dichloropropene	6.80	6.80	U
71-43-2	Benzene	1.40	1.40	U
107-06-2	1,2-Dichloroethane	1.90	1.90	U
79-01-6	Trichloroethene	2.70	2.70	U
78-87-5	1,2-Dichloropropane	1.20	1.20	U
74-95-3	Dibromomethane	3.10	3.10	U
75-27-4	Bromodichloromethane	1.20	1.20	U
110-75-8	2-Chloroethylvinylether	3.70	3.70	U
10061-01-5	c-1,3-Dichloropropene	1.90	1.90	U
108-10-1	4-Methyl-2-pentanone	4.50	4.50	U
108-88-3	Toluene	1.60	1230	
10061-02-6	t-1,3-Dichloropropene	1.60	1.60	U
79-00-5	1,1,2-Trichloroethane	3.70	3.70	U
127-18-4	Tetrachloroethene	2.80	2.80	U
142-28-9	1,3-Dichloropropane	1.10	1.10	U
591-78-6	2-Hexanone	4.90	4.90	U
124-48-1	Dibromochloromethane	1.80	1.80	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 516-249-1456 Fax - 516-249-8344

ANALYSIS REPORT - EPA 8260

12/29/99

Sample: J4660-1-continue
Client Sample ID: W-01
Matrix: Liquid
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 13.00

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	1.40	1.40	U
108-90-7	Chlorobenzene	2.10	2.10	U
630-20-6	1,1,1,2-Tetrachloroethane	3.20	3.20	U
100-41-4	Ethylbenzene	2.10	**992**	
108-38-3	m,p-xylene	22.5	**3800**	
95-47-6	o-xylene	2.70	**1410**	
100-42-5	Styrene	2.80	2.80	U
75-25-2	Bromoform	2.00	2.00	U
98-82-8	Isopropylbenzene	2.10	**7.10**	
108-86-1	Bromobenzene	1.90	1.90	U
79-34-5	1,1,2,2-Tetrachloroethane	1.40	1.40	U
103-65-1	n-Propylbenzene	2.80	2.80	U
96-18-4	1,2,3-Trichloropropane	4.40	4.40	U
622-96-8	p-Ethyltoluene	3.40	3.40	U
108-67-8	1,3,5-Trimethylbenzene	3.00	3.00	U
95-49-8	2-Chlorotoluene	2.70	2.70	U
106-43-4	4-Chlorotoluene	1.40	1.40	U
98-06-6	tert-Butylbenzene	2.90	2.90	U
95-63-6	1,2,4-Trimethylbenzene	2.50	2.50	U
135-98-8	sec-Butylbenzene	2.50	2.50	U
99-87-6	4-Isopropyltoluene	3.10	3.10	U
541-73-1	1,3-Dichlorobenzene	1.10	1.10	U
106-46-7	1,4-Dichlorobenzene	1.40	1.40	U
95-50-1	1,2-Dichlorobenzene	1.90	1.90	U
105-05-5	p-Diethylbenzene	3.20	3.20	U
104-51-8	n-Butylbenzene	2.70	2.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	1.90	1.90	U
96-12-8	1,2-Dibromo-3-chloropropane	4.20	4.20	U
120-82-1	1,2,4-Trichlorobenzene	2.70	2.70	U
87-68-3	Hexachlorobutadiene	3.20	3.20	U
91-20-3	Naphthalene	1.80	1.80	U
87-61-6	1,2,3-Trichlorobenzene	1.30	1.30	U

Environmental Testing Laboratories, Inc.

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Phone - 516-249-1456 Fax - 516-249-8344

12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4660-2

Client Sample ID: S-04B — Collected: 12/9/99 11.45

Matrix: Soil — Type: Grab — % Solids: 83.3%

Remarks: See case narrative

Analyzed: 12/15/99 — Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.65	0.65	U
75-45-6	Chlorodifluoromethane	0.31	0.31	U
74-87-3	Chloromethane	1.18	1.18	U
75-01-4	Vinyl Chloride	1.03	1.03	U
74-83-9	Bromomethane	1.10	1.10	U
75-00-3	Chloroethane	1.46	1.46	U
75-69-4	Trichlorofluoromethane	0.60	0.60	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.82	0.82	U
75-35-4	1,1-Dichloroethene	1.10	1.10	U
67-64-1	Acetone	222	**2190**	
75-15-0	Carbon disulfide	0.98	0.98	U
75-09-2	Methylene Chloride	1.10	1.10	U
156-60-5	t-1,2-Dichloroethene	1.27	1.27	U
1634-04-4	Methyl t-butyl ether	1.61	1.61	U
75-34-3	1,1-Dichloroethane	0.60	0.60	U
590-20-7	2,2-Dichloropropane	0.55	0.55	U
156-59-2	c-1,2-Dichloroethene	0.74	0.74	U
78-93-3	2-Butanone	4.66	4.66	U
74-97-5	Bromochloromethane	0.96	0.96	U
67-66-3	Chloroform	0.26	0.26	U
71-55-6	1,1,1-Trichloroethane	0.22	0.22	U
56-23-5	Carbon Tetrachloride	0.46	0.46	U
563-58-6	1,1-Dichloropropene	1.66	1.66	U
71-43-2	Benzene	0.86	0.86	U
107-06-2	1,2-Dichloroethane	0.91	0.91	U
79-01-6	Trichloroethene	0.38	0.38	U
78-87-5	1,2-Dichloropropane	0.82	0.82	U
74-95-3	Dibromomethane	0.74	0.74	U
75-27-4	Bromodichloromethane	0.62	0.62	U
110-75-8	2-Chloroethylvinylether	2.47	2.47	U
10061-01-5	c-1,3-Dichloropropene	0.48	0.48	U
108-10-1	4-Methyl-2-pentanone	2.28	2.28	U
108-88-3	Toluene	0.60	**7.20**	
10061-02-6	t-1,3-Dichloropropene	0.70	0.70	U
79-00-5	1,1,2-Trichloroethane	1.01	1.01	U
127-18-4	Tetrachloroethene	0.55	0.55	U
142-28-9	1,3-Dichloropropane	0.84	0.84	U
591-78-6	2-Hexanone	3.31	3.31	U
124-48-1	Dibromochloromethane	0.46	0.46	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-2-continue
Client Sample ID: S-04B
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 11.45
% Solids: 83.3%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.62	0.62	U
108-90-7	Chlorobenzene	0.46	0.46	U
630-20-6	1,1,1,2-Tetrachloroethane	0.60	0.60	U
100-41-4	Ethylbenzene	0.98	0.98	U
108-38-3	m,p-xylene	0.79	6.70	
95-47-6	o-xylene	0.94	0.94	U
100-42-5	Styrene	0.60	0.60	U
75-25-2	Bromoform	0.38	0.38	U
98-82-8	Isopropylbenzene	0.26	0.26	U
108-86-1	Bromobenzene	0.36	0.36	U
79-34-5	1,1,2,2-Tetrachloroethane	0.79	0.79	U
103-65-1	n-Propylbenzene	0.79	0.79	U
96-18-4	1,2,3-Trichloropropane	1.37	1.37	U
622-96-8	p-Ethyltoluene	0.46	0.46	U
108-67-8	1,3,5-Trimethylbenzene	0.50	0.50	U
95-49-8	2-Chlorotoluene	1.08	1.08	U
106-43-4	4-Chlorotoluene	0.91	0.91	U
98-06-6	tert-Butylbenzene	0.43	0.43	U
95-63-6	1,2,4-Trimethylbenzene	0.26	0.26	U
135-98-8	sec-Butylbenzene	0.31	0.31	U
99-87-6	4-Isopropyltoluene	0.43	0.43	U
541-73-1	1,3-Dichlorobenzene	0.62	0.62	U
106-46-7	1,4-Dichlorobenzene	0.62	0.62	U
95-50-1	1,2-Dichlorobenzene	0.43	0.43	U
105-05-5	p-Diethylbenzene	0.72	0.72	U
104-51-8	n-Butylbenzene	0.48	0.48	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.46	0.46	U
96-12-8	1,2-Dibromo-3-chloropropane	1.61	1.61	U
120-82-1	1,2,4-Trichlorobenzene	0.82	0.82	U
87-68-3	Hexachlorobutadiene	0.46	0.46	U
91-20-3	Naphthalene	0.72	0.72	U
87-61-6	1,2,3-Trichlorobenzene	0.36	0.36	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-3
Client Sample ID: S-04C
Matrix: Soil
Type: Grab
Collected: 12/9/99 12.00
% Solids: 64.9%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	56.0	56.0	U
75-45-6	Chlorodifluoromethane	21.2	21.2	U
74-87-3	Chloromethane	61.8	61.8	U
75-01-4	Vinyl Chloride	48.3	48.3	U
74-83-9	Bromomethane	23.2	23.2	U
75-00-3	Chloroethane	57.9	57.9	U
75-69-4	Trichlorofluoromethane	30.9	30.9	U
76-13-1	1,1,2-Trichlorotrifluoroethane	38.6	38.6	U
75-35-4	1,1-Dichloroethene	34.7	34.7	U
67-64-1	Acetone	1430	**126000**	
75-15-0	Carbon disulfide	59.8	59.8	U
75-09-2	Methylene Chloride	79.1	79.1	U
156-60-5	t-1,2-Dichloroethene	42.5	42.5	U
1634-04-4	Methyl t-butyl ether	54.0	54.0	U
75-34-3	1,1-Dichloroethane	27.0	27.0	U
590-20-7	2,2-Dichloropropane	34.7	34.7	U
156-59-2	c-1,2-Dichloroethene	57.9	57.9	U
78-93-3	2-Butanone	482	482	U
74-97-5	Bromochloromethane	61.8	61.8	U
67-66-3	Chloroform	29.0	29.0	U
71-55-6	1,1,1-Trichloroethane	38.6	38.6	U
56-23-5	Carbon Tetrachloride	34.7	34.7	U
563-58-6	1,1-Dichloropropene	129	129	U
71-43-2	Benzene	19.3	19.3	U
107-06-2	1,2-Dichloroethane	38.6	38.6	U
79-01-6	Trichloroethene	38.6	38.6	U
78-87-5	1,2-Dichloropropane	30.9	30.9	U
74-95-3	Dibromomethane	34.7	34.7	U
75-27-4	Bromodichloromethane	25.1	25.1	U
110-75-8	2-Chloroethylvinylether	69.5	69.5	U
10061-01-5	c-1,3-Dichloropropene	29.0	29.0	U
108-10-1	4-Methyl-2-pentanone	96.5	96.5	U
108-88-3	Toluene	29.0	**401**	
10061-02-6	t-1,3-Dichloropropene	29.0	29.0	U
79-00-5	1,1,2-Trichloroethane	38.6	38.6	U
127-18-4	Tetrachloroethene	21.2	21.2	U
142-28-9	1,3-Dichloropropane	30.9	30.9	U
591-78-6	2-Hexanone	77.2	77.2	U
124-48-1	Dibromochloromethane	27.0	27.0	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-3-continue

Client Sample ID: S-04C
Matrix: Soil
Type: Grab
Collected: 12/9/99 12.00
% Solids: 64.9%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	44.4	44.4	U
108-90-7	Chlorobenzene	21.2	21.2	U
630-20-6	1,1,1,2-Tetrachloroethane	67.6	67.6	U
100-41-4	Ethylbenzene	36.7	36.7	U
108-38-3	m,p-xylene	54.0	54.0	U
95-47-6	o-xylene	30.9	30.9	U
100-42-5	Styrene	44.4	44.4	U
75-25-2	Bromoform	17.4	17.4	U
98-82-8	Isopropylbenzene	50.2	50.2	U
108-86-1	Bromobenzene	52.1	52.1	U
79-34-5	1,1,2,2-Tetrachloroethane	42.5	42.5	U
103-65-1	n-Propylbenzene	40.5	40.5	U
96-18-4	1,2,3-Trichloropropane	120	120	U
622-96-8	p-Ethyltoluene	30.9	30.9	U
108-67-8	1,3,5-Trimethylbenzene	65.6	65.6	U
95-49-8	2-Chlorotoluene	40.5	40.5	U
106-43-4	4-Chlorotoluene	69.5	69.5	U
98-06-6	tert-Butylbenzene	71.4	71.4	U
95-63-6	1,2,4-Trimethylbenzene	42.5	42.5	U
135-98-8	sec-Butylbenzene	54.0	54.0	U
99-87-6	4-Isopropyltoluene	46.3	46.3	U
541-73-1	1,3-Dichlorobenzene	25.1	25.1	U
106-46-7	1,4-Dichlorobenzene	15.4	15.4	U
95-50-1	1,2-Dichlorobenzene	27.0	27.0	U
105-05-5	p-Diethylbenzene	34.7	34.7	U
104-51-8	n-Butylbenzene	23.2	23.2	U
95-93-2	1,2,4,5-Tetramethylbenzene	36.7	36.7	U
96-12-8	1,2-Dibromo-3-chloropropane	102	102	U
120-82-1	1,2,4-Trichlorobenzene	36.7	36.7	U
87-68-3	Hexachlorobutadiene	63.7	63.7	U
91-20-3	Naphthalene	36.7	36.7	U
87-61-6	1,2,3-Trichlorobenzene	44.4	44.4	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-4

Client Sample ID: S-04D — Collected: 12/9/99 12.20

Matrix: Soil — Type: Grab — % Solids: 82.5%

Remarks: See case narrative

Analyzed: 12/15/99 — Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	44.1	44.1	U
75-45-6	Chlorodifluoromethane	16.7	16.7	U
74-87-3	Chloromethane	48.6	48.6	U
75-01-4	Vinyl Chloride	38.0	38.0	U
74-83-9	Bromomethane	18.2	18.2	U
75-00-3	Chloroethane	45.6	45.6	U
75-69-4	Trichlorofluoromethane	24.3	24.3	U
76-13-1	1,1,2-Trichlorotrifluoroethane	30.4	30.4	U
75-35-4	1,1-Dichloroethene	27.4	27.4	U
67-64-1	Acetone	9000	**191000**	
75-15-0	Carbon disulfide	47.1	47.1	U
75-09-2	Methylene Chloride	62.3	**288**	
156-60-5	t-1,2-Dichloroethene	33.4	33.4	U
1634-04-4	Methyl t-butyl ether	42.6	42.6	U
75-34-3	1,1-Dichloroethane	21.3	21.3	U
590-20-7	2,2-Dichloropropane	27.4	27.4	U
156-59-2	c-1,2-Dichloroethene	45.6	45.6	U
78-93-3	2-Butanone	380	380	U
74-97-5	Bromochloromethane	48.6	48.6	U
67-66-3	Chloroform	22.8	22.8	U
71-55-6	1,1,1-Trichloroethane	30.4	30.4	U
56-23-5	Carbon Tetrachloride	27.4	27.4	U
563-58-6	1,1-Dichloropropene	102	102	U
71-43-2	Benzene	15.2	15.2	U
107-06-2	1,2-Dichloroethane	30.4	30.4	U
79-01-6	Trichloroethene	30.4	30.4	U
78-87-5	1,2-Dichloropropane	24.3	24.3	U
74-95-3	Dibromomethane	27.4	27.4	U
75-27-4	Bromodichloromethane	19.8	19.8	U
110-75-8	2-Chloroethylvinylether	54.7	54.7	U
10061-01-5	c-1,3-Dichloropropene	22.8	22.8	U
108-10-1	4-Methyl-2-pentanone	76.0	76.0	U
108-88-3	Toluene	9090	**742000**	
10061-02-6	t-1,3-Dichloropropene	22.8	22.8	U
79-00-5	1,1,2-Trichloroethane	30.4	30.4	U
127-18-4	Tetrachloroethene	16.7	**844**	
142-28-9	1,3-Dichloropropane	24.3	24.3	U
591-78-6	2-Hexanone	60.8	60.8	U
124-48-1	Dibromochloromethane	21.3	21.3	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-4-continue
Client Sample ID: S-04D
Matrix: Soil
Type: Grab
Collected: 12/9/99 12.20
% Solids: 82.5%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	35.0	35.0	U
108-90-7	Chlorobenzene	16.7	16.7	U
630-20-6	1,1,1,2-Tetrachloroethane	53.2	53.2	U
100-41-4	Ethylbenzene	1160	**79600**	
108-38-3	m,p-xylene	17000	**170000**	
95-47-6	o-xylene	973	**86900**	
100-42-5	Styrene	35.0	35.0	U
75-25-2	Bromoform	13.7	13.7	U
98-82-8	Isopropylbenzene	39.5	**1320**	
108-86-1	Bromobenzene	41.0	41.0	U
79-34-5	1,1,2,2-Tetrachloroethane	33.4	33.4	U
103-65-1	n-Propylbenzene	31.9	**264**	
96-18-4	1,2,3-Trichloropropane	94.2	94.2	U
622-96-8	p-Ethyltoluene	24.3	**1040**	
108-67-8	1,3,5-Trimethylbenzene	51.7	**312**	
95-49-8	2-Chlorotoluene	31.9	31.9	U
106-43-4	4-Chlorotoluene	54.7	54.7	U
98-06-6	tert-Butylbenzene	56.2	56.2	U
95-63-6	1,2,4-Trimethylbenzene	33.4	**888**	
135-98-8	sec-Butylbenzene	42.6	42.6	U
99-87-6	4-Isopropyltoluene	36.5	**197**	
541-73-1	1,3-Dichlorobenzene	19.8	19.8	U
106-46-7	1,4-Dichlorobenzene	12.2	12.2	U
95-50-1	1,2-Dichlorobenzene	21.3	21.3	U
105-05-5	p-Diethylbenzene	27.4	27.4	U
104-51-8	n-Butylbenzene	18.2	**150**	
95-93-2	1,2,4,5-Tetramethylbenzene	28.9	**212**	
96-12-8	1,2-Dibromo-3-chloropropane	80.6	80.6	U
120-82-1	1,2,4-Trichlorobenzene	28.9	28.9	U
87-68-3	Hexachlorobutadiene	50.2	50.2	U
91-20-3	Naphthalene	28.9	**439**	
87-61-6	1,2,3-Trichlorobenzene	35.0	35.0	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-5
Client Sample ID: S-04E
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 12.30
% Solids: 86.1%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	42.0	42.0	U
75-45-6	Chlorodifluoromethane	15.9	15.9	U
74-87-3	Chloromethane	46.4	46.4	U
75-01-4	Vinyl Chloride	36.3	36.3	U
74-83-9	Bromomethane	17.4	17.4	U
75-00-3	Chloroethane	43.5	43.5	U
75-69-4	Trichlorofluoromethane	23.2	23.2	U
76-13-1	1,1,2-Trichlorotrifluoroethane	29.0	29.0	U
75-35-4	1,1-Dichloroethene	26.1	26.1	U
67-64-1	Acetone	860	**61800**	
75-15-0	Carbon disulfide	45.0	45.0	U
75-09-2	Methylene Chloride	59.5	**229**	
156-60-5	t-1,2-Dichloroethene	31.9	31.9	U
1634-04-4	Methyl t-butyl ether	40.6	40.6	U
75-34-3	1,1-Dichloroethane	20.3	20.3	U
590-20-7	2,2-Dichloropropane	26.1	26.1	U
156-59-2	c-1,2-Dichloroethene	43.5	43.5	U
78-93-3	2-Butanone	362	362	U
74-97-5	Bromochloromethane	46.4	46.4	U
67-66-3	Chloroform	21.8	21.8	U
71-55-6	1,1,1-Trichloroethane	29.0	29.0	U
56-23-5	Carbon Tetrachloride	26.1	26.1	U
563-58-6	1,1-Dichloropropene	97.2	97.2	U
71-43-2	Benzene	14.5	14.5	U
107-06-2	1,2-Dichloroethane	29.0	29.0	U
79-01-6	Trichloroethene	29.0	29.0	U
78-87-5	1,2-Dichloropropane	23.2	23.2	U
74-95-3	Dibromomethane	26.1	26.1	U
75-27-4	Bromodichloromethane	18.9	18.9	U
110-75-8	2-Chloroethylvinylether	52.2	52.2	U
10061-01-5	c-1,3-Dichloropropene	21.8	21.8	U
108-10-1	4-Methyl-2-pentanone	72.5	72.5	U
108-88-3	Toluene	87.2	**22300**	
10061-02-6	t-1,3-Dichloropropene	21.8	21.8	U
79-00-5	1,1,2-Trichloroethane	29.0	29.0	U
127-18-4	Tetrachloroethene	15.9	15.9	U
142-28-9	1,3-Dichloropropane	23.2	23.2	U
591-78-6	2-Hexanone	58.0	58.0	U
124-48-1	Dibromochloromethane	20.3	20.3	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-5-continue
Client Sample ID: S-04E
Matrix: Soil
Type: Grab
Collected: 12/9/99 12.30
% Solids: 86.1%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	33.3	33.3	U
108-90-7	Chlorobenzene	15.9	15.9	U
630-20-6	1,1,1,2-Tetrachloroethane	50.8	50.8	U
100-41-4	Ethylbenzene	27.5	**719**	
108-38-3	m,p-xylene	40.6	**2960**	
95-47-6	o-xylene	23.2	**793**	
100-42-5	Styrene	33.3	33.3	U
75-25-2	Bromoform	13.1	13.1	U
98-82-8	Isopropylbenzene	37.7	37.7	U
108-86-1	Bromobenzene	39.2	39.2	U
79-34-5	1,1,2,2-Tetrachloroethane	31.9	31.9	U
103-65-1	n-Propylbenzene	30.5	30.5	U
96-18-4	1,2,3-Trichloropropane	89.9	89.9	U
622-96-8	p-Ethyltoluene	23.2	23.2	U
108-67-8	1,3,5-Trimethylbenzene	49.3	49.3	U
95-49-8	2-Chlorotoluene	30.5	30.5	U
106-43-4	4-Chlorotoluene	52.2	52.2	U
98-06-6	tert-Butylbenzene	53.7	53.7	U
95-63-6	1,2,4-Trimethylbenzene	31.9	31.9	U
135-98-8	sec-Butylbenzene	40.6	40.6	U
99-87-6	4-Isopropyltoluene	34.8	34.8	U
541-73-1	1,3-Dichlorobenzene	18.9	18.9	U
106-46-7	1,4-Dichlorobenzene	11.6	11.6	U
95-50-1	1,2-Dichlorobenzene	20.3	20.3	U
105-05-5	p-Diethylbenzene	26.1	26.1	U
104-51-8	n-Butylbenzene	17.4	17.4	U
95-93-2	1,2,4,5-Tetramethylbenzene	27.5	27.5	U
96-12-8	1,2-Dibromo-3-chloropropane	76.8	76.8	U
120-82-1	1,2,4-Trichlorobenzene	27.5	27.5	U
87-68-3	Hexachlorobutadiene	47.8	47.8	U
91-20-3	Naphthalene	27.5	27.5	U
87-61-6	1,2,3-Trichlorobenzene	33.3	33.3	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-6
Client Sample ID: S-02A
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 10.15
% Solids: 82.1%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.33	0.33	U
75-45-6	Chlorodifluoromethane	0.16	0.16	U
74-87-3	Chloromethane	0.60	0.60	U
75-01-4	Vinyl Chloride	0.52	0.52	U
74-83-9	Bromomethane	0.56	0.56	U
75-00-3	Chloroethane	0.74	0.74	U
75-69-4	Trichlorofluoromethane	0.31	0.31	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.41	0.41	U
75-35-4	1,1-Dichloroethene	0.56	0.56	U
67-64-1	Acetone	3.10	3.10	U
75-15-0	Carbon disulfide	0.50	0.50	U
75-09-2	Methylene Chloride	0.56	**7.90**	
156-60-5	t-1,2-Dichloroethene	0.65	0.65	U
1634-04-4	Methyl t-butyl ether	0.82	0.82	U
75-34-3	1,1-Dichloroethane	0.31	0.31	U
590-20-7	2,2-Dichloropropane	0.28	0.28	U
156-59-2	c-1,2-Dichloroethene	0.38	0.38	U
78-93-3	2-Butanone	2.37	2.37	U
74-97-5	Bromochloromethane	0.49	0.49	U
67-66-3	Chloroform	0.13	0.13	U
71-55-6	1,1,1-Trichloroethane	0.11	0.11	U
56-23-5	Carbon Tetrachloride	0.23	0.23	U
563-58-6	1,1-Dichloropropene	0.84	0.84	U
71-43-2	Benzene	0.44	0.44	U
107-06-2	1,2-Dichloroethane	0.46	0.46	U
79-01-6	Trichloroethene	0.20	0.20	U
78-87-5	1,2-Dichloropropane	0.41	0.41	U
74-95-3	Dibromomethane	0.38	0.38	U
75-27-4	Bromodichloromethane	0.32	0.32	U
110-75-8	2-Chloroethylvinylether	1.26	1.26	U
10061-01-5	c-1,3-Dichloropropene	0.24	0.24	U
108-10-1	4-Methyl-2-pentanone	1.16	1.16	U
108-88-3	Toluene	1.52	**335**	
10061-02-6	t-1,3-Dichloropropene	0.35	0.35	U
79-00-5	1,1,2-Trichloroethane	0.51	0.51	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.43	0.43	U
591-78-6	2-Hexanone	1.68	1.68	U
124-48-1	Dibromochloromethane	0.23	0.23	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-6-continue

Client Sample ID: S-02A
Matrix: Soil
Type: Grab
Collected: 12/9/99 10.15
% Solids: 82.1%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.32	0.32	U
108-90-7	Chlorobenzene	0.23	0.23	U
630-20-6	1,1,1,2-Tetrachloroethane	0.31	0.31	U
100-41-4	Ethylbenzene	0.50	**26.5**	
108-38-3	m,p-xylene	0.40	**91.8**	
95-47-6	o-xylene	0.48	**25.6**	
100-42-5	Styrene	0.31	0.31	U
75-25-2	Bromoform	0.20	0.20	U
98-82-8	Isopropylbenzene	0.13	0.13	U
108-86-1	Bromobenzene	0.18	0.18	U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	0.40	U
103-65-1	n-Propylbenzene	0.40	0.40	U
96-18-4	1,2,3-Trichloropropane	0.70	0.70	U
622-96-8	p-Ethyltoluene	0.23	0.23	U
108-67-8	1,3,5-Trimethylbenzene	0.26	0.26	U
95-49-8	2-Chlorotoluene	0.55	0.55	U
106-43-4	4-Chlorotoluene	0.46	0.46	U
98-06-6	tert-Butylbenzene	0.22	0.22	U
95-63-6	1,2,4-Trimethylbenzene	0.13	0.13	U
135-98-8	sec-Butylbenzene	0.16	0.16	U
99-87-6	4-Isopropyltoluene	0.22	0.22	U
541-73-1	1,3-Dichlorobenzene	0.32	0.32	U
106-46-7	1,4-Dichlorobenzene	0.32	0.32	U
95-50-1	1,2-Dichlorobenzene	0.22	0.22	U
105-05-5	p-Diethylbenzene	0.37	0.37	U
104-51-8	n-Butylbenzene	0.24	0.24	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.23	0.23	U
96-12-8	1,2-Dibromo-3-chloropropane	0.82	0.82	U
120-82-1	1,2,4-Trichlorobenzene	0.41	0.41	U
87-68-3	Hexachlorobutadiene	0.23	0.23	U
91-20-3	Naphthalene	0.37	**4.20**	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-7
Client Sample ID: S-02B
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.00
% Solids: 85.6%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.32	0.32	U
75-45-6	Chlorodifluoromethane	0.15	0.15	U
74-87-3	Chloromethane	0.57	0.57	U
75-01-4	Vinyl Chloride	0.50	0.50	U
74-83-9	Bromomethane	0.54	0.54	U
75-00-3	Chloroethane	0.71	0.71	U
75-69-4	Trichlorofluoromethane	0.29	0.29	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.40	0.40	U
75-35-4	1,1-Dichloroethene	0.54	0.54	U
67-64-1	Acetone	2.97	2.97	U
75-15-0	Carbon disulfide	0.48	0.48	U
75-09-2	Methylene Chloride	0.54	**7.40**	
156-60-5	t-1,2-Dichloroethene	0.62	0.62	U
1634-04-4	Methyl t-butyl ether	0.78	0.78	U
75-34-3	1,1-Dichloroethane	0.29	0.29	U
590-20-7	2,2-Dichloropropane	0.27	0.27	U
156-59-2	c-1,2-Dichloroethene	0.36	0.36	U
78-93-3	2-Butanone	2.27	2.27	U
74-97-5	Bromochloromethane	0.47	0.47	U
67-66-3	Chloroform	0.13	0.13	U
71-55-6	1,1,1-Trichloroethane	0.11	0.11	U
56-23-5	Carbon Tetrachloride	0.22	0.22	U
563-58-6	1,1-Dichloropropene	0.81	0.81	U
71-43-2	Benzene	0.42	0.42	U
107-06-2	1,2-Dichloroethane	0.44	0.44	U
79-01-6	Trichloroethene	0.19	0.19	U
78-87-5	1,2-Dichloropropane	0.40	0.40	U
74-95-3	Dibromomethane	0.36	0.36	U
75-27-4	Bromodichloromethane	0.30	0.30	U
110-75-8	2-Chloroethylvinylether	1.21	1.21	U
10061-01-5	c-1,3-Dichloropropene	0.23	0.23	U
108-10-1	4-Methyl-2-pentanone	1.11	1.11	U
108-88-3	Toluene	0.29	**5.60**	
10061-02-6	t-1,3-Dichloropropene	0.34	0.34	U
79-00-5	1,1,2-Trichloroethane	0.49	0.49	U
127-18-4	Tetrachloroethene	0.27	0.27	U
142-28-9	1,3-Dichloropropane	0.41	0.41	U
591-78-6	2-Hexanone	1.61	1.61	U
124-48-1	Dibromochloromethane	0.22	0.22	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-7-continue
Client Sample ID: S-02B
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.00
% Solids: 85.6%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.30	0.30	U
108-90-7	Chlorobenzene	0.22	0.22	U
630-20-6	1,1,1,2-Tetrachloroethane	0.29	0.29	U
100-41-4	Ethylbenzene	0.48	**73.5**	
108-38-3	m,p-xylene	40.9	**4630**	
95-47-6	o-xylene	0.46	**43.7**	
100-42-5	Styrene	0.29	0.29	U
75-25-2	Bromoform	0.19	0.19	U
98-82-8	Isopropylbenzene	0.13	**4.80**	
108-86-1	Bromobenzene	0.18	0.18	U
79-34-5	1,1,2,2-Tetrachloroethane	0.39	0.39	U
103-65-1	n-Propylbenzene	0.39	0.39	U
96-18-4	1,2,3-Trichloropropane	0.67	0.67	U
622-96-8	p-Ethyltoluene	0.22	**9.20**	
108-67-8	1,3,5-Trimethylbenzene	0.25	**6.40**	
95-49-8	2-Chlorotoluene	0.53	0.53	U
106-43-4	4-Chlorotoluene	0.44	0.44	U
98-06-6	tert-Butylbenzene	0.21	0.21	U
95-63-6	1,2,4-Trimethylbenzene	0.13	**5.50**	
135-98-8	sec-Butylbenzene	0.15	0.15	U
99-87-6	4-Isopropyltoluene	0.21	0.21	U
541-73-1	1,3-Dichlorobenzene	0.30	0.30	U
106-46-7	1,4-Dichlorobenzene	0.30	0.30	U
95-50-1	1,2-Dichlorobenzene	0.21	0.21	U
105-05-5	p-Diethylbenzene	0.35	0.35	U
104-51-8	n-Butylbenzene	0.23	0.23	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.22	0.22	U
96-12-8	1,2-Dibromo-3-chloropropane	0.78	0.78	U
120-82-1	1,2,4-Trichlorobenzene	0.40	0.40	U
87-68-3	Hexachlorobutadiene	0.22	0.22	U
91-20-3	Naphthalene	0.35	**6.60**	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-8
Client Sample ID: S-02C
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.10
% Solids: 92.8%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	39.2	39.2	U
75-45-6	Chlorodifluoromethane	14.9	14.9	U
74-87-3	Chloromethane	43.2	43.2	U
75-01-4	Vinyl Chloride	33.8	33.8	U
74-83-9	Bromomethane	16.2	16.2	U
75-00-3	Chloroethane	40.5	40.5	U
75-69-4	Trichlorofluoromethane	21.6	21.6	U
76-13-1	1,1,2-Trichlorotrifluoroethane	27.0	27.0	U
75-35-4	1,1-Dichloroethene	24.3	24.3	U
67-64-1	Acetone	200	200	U
75-15-0	Carbon disulfide	41.8	41.8	U
75-09-2	Methylene Chloride	55.3	**687**	
156-60-5	t-1,2-Dichloroethene	29.7	29.7	U
1634-04-4	Methyl t-butyl ether	37.8	37.8	U
75-34-3	1,1-Dichloroethane	18.9	18.9	U
590-20-7	2,2-Dichloropropane	24.3	24.3	U
156-59-2	c-1,2-Dichloroethene	40.5	40.5	U
78-93-3	2-Butanone	338	338	U
74-97-5	Bromochloromethane	43.2	43.2	U
67-66-3	Chloroform	20.3	20.3	U
71-55-6	1,1,1-Trichloroethane	27.0	**970**	
56-23-5	Carbon Tetrachloride	24.3	24.3	U
563-58-6	1,1-Dichloropropene	90.4	90.4	U
71-43-2	Benzene	13.5	**236**	
107-06-2	1,2-Dichloroethane	27.0	27.0	U
79-01-6	Trichloroethene	27.0	**315**	
78-87-5	1,2-Dichloropropane	21.6	21.6	U
74-95-3	Dibromomethane	24.3	24.3	U
75-27-4	Bromodichloromethane	17.5	17.5	U
110-75-8	2-Chloroethylvinylether	48.6	48.6	U
10061-01-5	c-1,3-Dichloropropene	20.3	20.3	U
108-10-1	4-Methyl-2-pentanone	67.5	67.5	U
108-88-3	Toluene	20200	**2160000**	
10061-02-6	t-1,3-Dichloropropene	20.3	20.3	U
79-00-5	1,1,2-Trichloroethane	27.0	27.0	U
127-18-4	Tetrachloroethene	14.9	**4730**	
142-28-9	1,3-Dichloropropane	21.6	21.6	U
591-78-6	2-Hexanone	54.0	54.0	U
124-48-1	Dibromochloromethane	18.9	18.9	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-8-continue

Client Sample ID: S-02C
Matrix: Soil
Type: Grab
Collected: 12/9/99 09.10
% Solids: 92.8%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	31.0	31.0	U
108-90-7	Chlorobenzene	14.9	14.9	U
630-20-6	1,1,1,2-Tetrachloroethane	47.3	47.3	U
100-41-4	Ethylbenzene	25600	**1590000**	
108-38-3	m,p-xylene	37700	**6510000**	
95-47-6	o-xylene	21600	**1720000**	
100-42-5	Styrene	31.0	31.0	U
75-25-2	Bromoform	12.1	12.1	U
98-82-8	Isopropylbenzene	35.1	**16800**	
108-86-1	Bromobenzene	36.5	36.5	U
79-34-5	1,1,2,2-Tetrachloroethane	29.7	29.7	U
103-65-1	n-Propylbenzene	28.4	**3960**	
96-18-4	1,2,3-Trichloropropane	83.7	83.7	U
622-96-8	p-Ethyltoluene	21.6	**13900**	
108-67-8	1,3,5-Trimethylbenzene	45.9	**3350**	
95-49-8	2-Chlorotoluene	28.4	28.4	U
106-43-4	4-Chlorotoluene	48.6	48.6	U
98-06-6	tert-Butylbenzene	50.0	50.0	U
95-63-6	1,2,4-Trimethylbenzene	29.7	**7800**	
135-98-8	sec-Butylbenzene	37.8	37.8	U
99-87-6	4-Isopropyltoluene	32.4	**252**	
541-73-1	1,3-Dichlorobenzene	17.5	17.5	U
106-46-7	1,4-Dichlorobenzene	10.8	10.8	U
95-50-1	1,2-Dichlorobenzene	18.9	18.9	U
105-05-5	p-Diethylbenzene	24.3	**1050**	
104-51-8	n-Butylbenzene	16.2	**244**	
95-93-2	1,2,4,5-Tetramethylbenzene	25.6	25.6	U
96-12-8	1,2-Dibromo-3-chloropropane	71.6	71.6	U
120-82-1	1,2,4-Trichlorobenzene	25.6	25.6	U
87-68-3	Hexachlorobutadiene	44.5	44.5	U
91-20-3	Naphthalene	25.6	25.6	U
87-61-6	1,2,3-Trichlorobenzene	31.0	31.0	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-9
Client Sample ID: S-02D
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.30
% Solids: 89.3%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	40.6	40.6	U
75-45-6	Chlorodifluoromethane	15.4	15.4	U
74-87-3	Chloromethane	44.8	44.8	U
75-01-4	Vinyl Chloride	35.0	35.0	U
74-83-9	Bromomethane	16.8	16.8	U
75-00-3	Chloroethane	42.0	42.0	U
75-69-4	Trichlorofluoromethane	22.4	22.4	U
76-13-1	1,1,2-Trichlorotrifluoroethane	28.0	28.0	U
75-35-4	1,1-Dichloroethene	25.2	25.2	U
67-64-1	Acetone	207	207	U
75-15-0	Carbon disulfide	43.4	43.4	U
75-09-2	Methylene Chloride	57.4	**2730**	
156-60-5	t-1,2-Dichloroethene	30.8	30.8	U
1634-04-4	Methyl t-butyl ether	39.2	39.2	U
75-34-3	1,1-Dichloroethane	19.6	19.6	U
590-20-7	2,2-Dichloropropane	25.2	25.2	U
156-59-2	c-1,2-Dichloroethene	42.0	42.0	U
78-93-3	2-Butanone	350	350	U
74-97-5	Bromochloromethane	44.8	44.8	U
67-66-3	Chloroform	21.0	21.0	U
71-55-6	1,1,1-Trichloroethane	28.0	**2430**	
56-23-5	Carbon Tetrachloride	25.2	25.2	U
563-58-6	1,1-Dichloropropene	93.8	93.8	U
71-43-2	Benzene	14.0	**491**	
107-06-2	1,2-Dichloroethane	28.0	28.0	U
79-01-6	Trichloroethene	28.0	**726**	
78-87-5	1,2-Dichloropropane	22.4	22.4	U
74-95-3	Dibromomethane	25.2	25.2	U
75-27-4	Bromodichloromethane	18.2	18.2	U
110-75-8	2-Chloroethylvinylether	50.4	50.4	U
10061-01-5	c-1,3-Dichloropropene	21.0	21.0	U
108-10-1	4-Methyl-2-pentanone	70.0	70.0	U
108-88-3	Toluene	21000	**4900000**	
10061-02-6	t-1,3-Dichloropropene	21.0	21.0	U
79-00-5	1,1,2-Trichloroethane	28.0	28.0	U
127-18-4	Tetrachloroethene	15.4	**9350**	
142-28-9	1,3-Dichloropropane	22.4	22.4	U
591-78-6	2-Hexanone	56.0	56.0	U
124-48-1	Dibromochloromethane	19.6	19.6	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4660-9-continue
Client Sample ID: S-02D
Matrix: Soil
Type: Grab
Collected: 12/9/99 09.30
% Solids: 89.3%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	32.2	32.2	U
108-90-7	Chlorobenzene	15.4	15.4	U
630-20-6	1,1,1,2-Tetrachloroethane	49.0	49.0	U
100-41-4	Ethylbenzene	26600	**3350000**	
108-38-3	m,p-xylene	39200	**13700000**	
95-47-6	o-xylene	22400	**3640000**	
100-42-5	Styrene	32.2	32.2	U
75-25-2	Bromoform	12.6	12.6	U
98-82-8	Isopropylbenzene	36.4	**29500**	E
108-86-1	Bromobenzene	37.8	37.8	U
79-34-5	1,1,2,2-Tetrachloroethane	30.8	30.8	U
103-65-1	n-Propylbenzene	29.4	**7810**	
96-18-4	1,2,3-Trichloropropane	86.8	86.8	U
622-96-8	p-Ethyltoluene	22.4	**27000**	E
108-67-8	1,3,5-Trimethylbenzene	47.6	**6530**	
95-49-8	2-Chlorotoluene	29.4	29.4	U
106-43-4	4-Chlorotoluene	50.4	50.4	U
98-06-6	tert-Butylbenzene	51.8	51.8	U
95-63-6	1,2,4-Trimethylbenzene	30.8	**14900**	
135-98-8	sec-Butylbenzene	39.2	39.2	U
99-87-6	4-Isopropyltoluene	33.6	**542**	
541-73-1	1,3-Dichlorobenzene	18.2	18.2	U
106-46-7	1,4-Dichlorobenzene	11.2	11.2	U
95-50-1	1,2-Dichlorobenzene	19.6	19.6	U
105-05-5	p-Diethylbenzene	25.2	**2280**	
104-51-8	n-Butylbenzene	16.8	**539**	
95-93-2	1,2,4,5-Tetramethylbenzene	26.6	**136**	
96-12-8	1,2-Dibromo-3-chloropropane	74.2	74.2	U
120-82-1	1,2,4-Trichlorobenzene	26.6	26.6	U
87-68-3	Hexachlorobutadiene	46.2	46.2	U
91-20-3	Naphthalene	26.6	**134**	
87-61-6	1,2,3-Trichlorobenzene	32.2	32.2	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4660-10
Client Sample ID: S-01B
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.00
% Solids: 87.5%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.31	0.31	U
75-45-6	Chlorodifluoromethane	0.15	0.15	U
74-87-3	Chloromethane	0.56	0.56	U
75-01-4	Vinyl Chloride	0.49	0.49	U
74-83-9	Bromomethane	0.52	0.52	U
75-00-3	Chloroethane	0.70	0.70	U
75-69-4	Trichlorofluoromethane	0.28	0.28	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.39	0.39	U
75-35-4	1,1-Dichloroethene	0.52	0.52	U
67-64-1	Acetone	2.90	**228**	
75-15-0	Carbon disulfide	0.47	0.47	U
75-09-2	Methylene Chloride	0.52	**8.30**	
156-60-5	t-1,2-Dichloroethene	0.60	0.60	U
1634-04-4	Methyl t-butyl ether	0.76	0.76	U
75-34-3	1,1-Dichloroethane	0.28	0.28	U
590-20-7	2,2-Dichloropropane	0.26	0.26	U
156-59-2	c-1,2-Dichloroethene	0.35	0.35	U
78-93-3	2-Butanone	2.21	**32.2**	
74-97-5	Bromochloromethane	0.46	0.46	U
67-66-3	Chloroform	0.13	0.13	U
71-55-6	1,1,1-Trichloroethane	0.10	0.10	U
56-23-5	Carbon Tetrachloride	0.22	0.22	U
563-58-6	1,1-Dichloropropene	0.79	0.79	U
71-43-2	Benzene	0.41	0.41	U
107-06-2	1,2-Dichloroethane	0.43	0.43	U
79-01-6	Trichloroethene	0.18	0.18	U
78-87-5	1,2-Dichloropropane	0.39	0.39	U
74-95-3	Dibromomethane	0.35	0.35	U
75-27-4	Bromodichloromethane	0.30	0.30	U
110-75-8	2-Chloroethylvinylether	1.17	1.17	U
10061-01-5	c-1,3-Dichloropropene	0.23	0.23	U
108-10-1	4-Methyl-2-pentanone	1.08	1.08	U
108-88-3	Toluene	0.28	**107**	
10061-02-6	t-1,3-Dichloropropene	0.33	0.33	U
79-00-5	1,1,2-Trichloroethane	0.48	0.48	U
127-18-4	Tetrachloroethene	0.26	0.26	U
142-28-9	1,3-Dichloropropane	0.40	0.40	U
591-78-6	2-Hexanone	1.57	1.57	U
124-48-1	Dibromochloromethane	0.22	0.22	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4660-10-continue

Client Sample ID: S-01B
Matrix: Soil
Type: Grab
Collected: 12/9/99 09.00
% Solids: 87.5%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.30	0.30	U
108-90-7	Chlorobenzene	0.22	0.22	U
630-20-6	1,1,1,2-Tetrachloroethane	0.28	0.28	U
100-41-4	Ethylbenzene	0.47	0.47	U
108-38-3	m,p-xylene	0.38	**39.1**	
95-47-6	o-xylene	0.44	**8.80**	
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.18	0.18	U
98-82-8	Isopropylbenzene	0.13	0.13	U
108-86-1	Bromobenzene	0.17	0.17	U
79-34-5	1,1,2,2-Tetrachloroethane	0.38	0.38	U
103-65-1	n-Propylbenzene	0.38	0.38	U
96-18-4	1,2,3-Trichloropropane	0.65	0.65	U
622-96-8	p-Ethyltoluene	0.22	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.24	0.24	U
95-49-8	2-Chlorotoluene	0.51	0.51	U
106-43-4	4-Chlorotoluene	0.43	0.43	U
98-06-6	tert-Butylbenzene	0.21	0.21	U
95-63-6	1,2,4-Trimethylbenzene	0.13	0.13	U
135-98-8	sec-Butylbenzene	0.15	0.15	U
99-87-6	4-Isopropyltoluene	0.21	0.21	U
541-73-1	1,3-Dichlorobenzene	0.30	0.30	U
106-46-7	1,4-Dichlorobenzene	0.30	0.30	U
95-50-1	1,2-Dichlorobenzene	0.21	0.21	U
105-05-5	p-Diethylbenzene	0.34	0.34	U
104-51-8	n-Butylbenzene	0.23	0.23	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.22	0.22	U
96-12-8	1,2-Dibromo-3-chloropropane	0.76	0.76	U
120-82-1	1,2,4-Trichlorobenzene	0.39	0.39	U
87-68-3	Hexachlorobutadiene	0.22	0.22	U
91-20-3	Naphthalene	0.34	0.34	U
87-61-6	1,2,3-Trichlorobenzene	0.17	0.17	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-11
Client Sample ID: S-01C
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.15
% Solids: 87.1%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	41.8	41.8	U
75-45-6	Chlorodifluoromethane	15.8	15.8	U
74-87-3	Chloromethane	46.1	46.1	U
75-01-4	Vinyl Chloride	36.0	36.0	U
74-83-9	Bromomethane	17.3	17.3	U
75-00-3	Chloroethane	43.2	43.2	U
75-69-4	Trichlorofluoromethane	23.0	23.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	28.8	28.8	U
75-35-4	1,1-Dichloroethene	25.9	25.9	U
67-64-1	Acetone	213	213	U
75-15-0	Carbon disulfide	44.6	44.6	U
75-09-2	Methylene Chloride	59.0	59.0	U
156-60-5	t-1,2-Dichloroethene	31.7	31.7	U
1634-04-4	Methyl t-butyl ether	40.3	40.3	U
75-34-3	1,1-Dichloroethane	20.2	20.2	U
590-20-7	2,2-Dichloropropane	25.9	25.9	U
156-59-2	c-1,2-Dichloroethene	43.2	43.2	U
78-93-3	2-Butanone	360	360	U
74-97-5	Bromochloromethane	46.1	46.1	U
67-66-3	Chloroform	21.6	21.6	U
71-55-6	1,1,1-Trichloroethane	28.8	28.8	U
56-23-5	Carbon Tetrachloride	25.9	25.9	U
563-58-6	1,1-Dichloropropene	96.5	96.5	U
71-43-2	Benzene	14.4	14.4	U
107-06-2	1,2-Dichloroethane	28.8	28.8	U
79-01-6	Trichloroethene	28.8	28.8	U
78-87-5	1,2-Dichloropropane	23.0	23.0	U
74-95-3	Dibromomethane	25.9	25.9	U
75-27-4	Bromodichloromethane	18.7	18.7	U
110-75-8	2-Chloroethylvinylether	51.8	51.8	U
10061-01-5	c-1,3-Dichloropropene	21.6	21.6	U
108-10-1	4-Methyl-2-pentanone	72.0	72.0	U
108-88-3	Toluene	21.6	8360	
10061-02-6	t-1,3-Dichloropropene	21.6	21.6	U
79-00-5	1,1,2-Trichloroethane	28.8	28.8	U
127-18-4	Tetrachloroethene	15.8	15.8	U
142-28-9	1,3-Dichloropropane	23.0	23.0	U
591-78-6	2-Hexanone	57.6	57.6	U
124-48-1	Dibromochloromethane	20.2	20.2	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-11-continue
Client Sample ID: S-01C
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.15
% Solids: 87.1%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	33.1	33.1	U
108-90-7	Chlorobenzene	15.8	15.8	U
630-20-6	1,1,1,2-Tetrachloroethane	50.4	50.4	U
100-41-4	Ethylbenzene	27.4	**12400**	
108-38-3	m,p-xylene	161	**58400**	
95-47-6	o-xylene	23.0	**15100**	
100-42-5	Styrene	33.1	33.1	U
75-25-2	Bromoform	13.0	13.0	U
98-82-8	Isopropylbenzene	37.4	**172**	
108-86-1	Bromobenzene	38.9	38.9	U
79-34-5	1,1,2,2-Tetrachloroethane	31.7	31.7	U
103-65-1	n-Propylbenzene	30.2	30.2	U
96-18-4	1,2,3-Trichloropropane	89.3	89.3	U
622-96-8	p-Ethyltoluene	23.0	**240**	
108-67-8	1,3,5-Trimethylbenzene	49.0	49.0	U
95-49-8	2-Chlorotoluene	30.2	30.2	U
106-43-4	4-Chlorotoluene	51.8	51.8	U
98-06-6	tert-Butylbenzene	53.3	53.3	U
95-63-6	1,2,4-Trimethylbenzene	31.7	**122**	
135-98-8	sec-Butylbenzene	40.3	40.3	U
99-87-6	4-Isopropyltoluene	34.6	34.6	U
541-73-1	1,3-Dichlorobenzene	18.7	18.7	U
106-46-7	1,4-Dichlorobenzene	11.5	11.5	U
95-50-1	1,2-Dichlorobenzene	20.2	20.2	U
105-05-5	p-Diethylbenzene	25.9	25.9	U
104-51-8	n-Butylbenzene	17.3	17.3	U
95-93-2	1,2,4,5-Tetramethylbenzene	27.4	27.4	U
96-12-8	1,2-Dibromo-3-chloropropane	76.3	76.3	U
120-82-1	1,2,4-Trichlorobenzene	27.4	27.4	U
87-68-3	Hexachlorobutadiene	47.5	47.5	U
91-20-3	Naphthalene	27.4	27.4	U
87-61-6	1,2,3-Trichlorobenzene	33.1	33.1	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-12
Client Sample ID: S-01D
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.30
% Solids: 90.9%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	40.0	40.0	U
75-45-6	Chlorodifluoromethane	15.2	15.2	U
74-87-3	Chloromethane	44.2	44.2	U
75-01-4	Vinyl Chloride	34.5	34.5	U
74-83-9	Bromomethane	16.6	16.6	U
75-00-3	Chloroethane	41.4	41.4	U
75-69-4	Trichlorofluoromethane	22.1	22.1	U
76-13-1	1,1,2-Trichlorotrifluoroethane	27.6	27.6	U
75-35-4	1,1-Dichloroethene	24.8	24.8	U
67-64-1	Acetone	204	204	U
75-15-0	Carbon disulfide	42.8	42.8	U
75-09-2	Methylene Chloride	56.6	56.6	U
156-60-5	t-1,2-Dichloroethene	30.4	30.4	U
1634-04-4	Methyl t-butyl ether	38.6	38.6	U
75-34-3	1,1-Dichloroethane	19.3	19.3	U
590-20-7	2,2-Dichloropropane	24.8	24.8	U
156-59-2	c-1,2-Dichloroethene	41.4	41.4	U
78-93-3	2-Butanone	345	345	U
74-97-5	Bromochloromethane	44.2	44.2	U
67-66-3	Chloroform	20.7	20.7	U
71-55-6	1,1,1-Trichloroethane	27.6	27.6	U
56-23-5	Carbon Tetrachloride	24.8	24.8	U
563-58-6	1,1-Dichloropropene	92.5	92.5	U
71-43-2	Benzene	13.8	13.8	U
107-06-2	1,2-Dichloroethane	27.6	27.6	U
79-01-6	Trichloroethene	27.6	27.6	U
78-87-5	1,2-Dichloropropane	22.1	22.1	U
74-95-3	Dibromomethane	24.8	24.8	U
75-27-4	Bromodichloromethane	17.9	17.9	U
110-75-8	2-Chloroethylvinylether	49.7	49.7	U
10061-01-5	c-1,3-Dichloropropene	20.7	20.7	U
108-10-1	4-Methyl-2-pentanone	69.0	69.0	U
108-88-3	Toluene	20.7	**15000**	
10061-02-6	t-1,3-Dichloropropene	20.7	20.7	U
79-00-5	1,1,2-Trichloroethane	27.6	27.6	U
127-18-4	Tetrachloroethene	15.2	15.2	U
142-28-9	1,3-Dichloropropane	22.1	22.1	U
591-78-6	2-Hexanone	55.2	55.2	U
124-48-1	Dibromochloromethane	19.3	19.3	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-12-continue
Client Sample ID: S-01D
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.30
% Solids: 90.9%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	31.7	31.7	U
108-90-7	Chlorobenzene	15.2	15.2	U
630-20-6	1,1,1,2-Tetrachloroethane	48.3	48.3	U
100-41-4	Ethylbenzene	261	**46400**	
108-38-3	m,p-xylene	385	**208000**	
95-47-6	o-xylene	220	**62600**	
100-42-5	Styrene	31.7	31.7	U
75-25-2	Bromoform	12.4	12.4	U
98-82-8	Isopropylbenzene	35.9	**633**	
108-86-1	Bromobenzene	37.3	37.3	U
79-34-5	1,1,2,2-Tetrachloroethane	30.4	30.4	U
103-65-1	n-Propylbenzene	29.0	**250**	
96-18-4	1,2,3-Trichloropropane	85.6	85.6	U
622-96-8	p-Ethyltoluene	22.1	**913**	
108-67-8	1,3,5-Trimethylbenzene	46.9	**232**	
95-49-8	2-Chlorotoluene	29.0	29.0	U
106-43-4	4-Chlorotoluene	49.7	49.7	U
98-06-6	tert-Butylbenzene	51.1	51.1	U
95-63-6	1,2,4-Trimethylbenzene	30.4	**506**	
135-98-8	sec-Butylbenzene	38.6	38.6	U
99-87-6	4-Isopropyltoluene	33.1	33.1	U
541-73-1	1,3-Dichlorobenzene	17.9	17.9	U
106-46-7	1,4-Dichlorobenzene	11.0	11.0	U
95-50-1	1,2-Dichlorobenzene	19.3	19.3	U
105-05-5	p-Diethylbenzene	24.8	24.8	U
104-51-8	n-Butylbenzene	16.6	16.6	U
95-93-2	1,2,4,5-Tetramethylbenzene	26.2	26.2	U
96-12-8	1,2-Dibromo-3-chloropropane	73.1	73.1	U
120-82-1	1,2,4-Trichlorobenzene	26.2	26.2	U
87-68-3	Hexachlorobutadiene	45.5	45.5	U
91-20-3	Naphthalene	26.2	26.2	U
87-61-6	1,2,3-Trichlorobenzene	31.7	31.7	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4660-13
Client Sample ID: S-01E
Matrix: Soil
Type: Grab
Collected: 12/9/99 09.40
% Solids: 87.3%
Remarks: See case narrative

Analyzed: 12/15/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	41.5	41.5	U
75-45-6	Chlorodifluoromethane	15.7	15.7	U
74-87-3	Chloromethane	45.8	45.8	U
75-01-4	Vinyl Chloride	35.8	35.8	U
74-83-9	Bromomethane	17.2	17.2	U
75-00-3	Chloroethane	42.9	42.9	U
75-69-4	Trichlorofluoromethane	22.9	22.9	U
76-13-1	1,1,2-Trichlorotrifluoroethane	28.6	28.6	U
75-35-4	1,1-Dichloroethene	25.7	25.7	U
67-64-1	Acetone	212	212	U
75-15-0	Carbon disulfide	44.3	44.3	U
75-09-2	Methylene Chloride	58.6	58.6	U
156-60-5	t-1,2-Dichloroethene	31.5	31.5	U
1634-04-4	Methyl t-butyl ether	40.0	40.0	U
75-34-3	1,1-Dichloroethane	20.0	20.0	U
590-20-7	2,2-Dichloropropane	25.7	25.7	U
156-59-2	c-1,2-Dichloroethene	42.9	42.9	U
78-93-3	2-Butanone	358	358	U
74-97-5	Bromochloromethane	45.8	45.8	U
67-66-3	Chloroform	21.5	21.5	U
71-55-6	1,1,1-Trichloroethane	28.6	28.6	U
56-23-5	Carbon Tetrachloride	25.7	25.7	U
563-58-6	1,1-Dichloropropene	95.8	95.8	U
71-43-2	Benzene	14.3	14.3	U
107-06-2	1,2-Dichloroethane	28.6	28.6	U
79-01-6	Trichloroethene	28.6	28.6	U
78-87-5	1,2-Dichloropropane	22.9	22.9	U
74-95-3	Dibromomethane	25.7	25.7	U
75-27-4	Bromodichloromethane	18.6	18.6	U
110-75-8	2-Chloroethylvinylether	51.5	51.5	U
10061-01-5	c-1,3-Dichloropropene	21.5	21.5	U
108-10-1	4-Methyl-2-pentanone	71.5	71.5	U
108-88-3	Toluene	21.5	782	
10061-02-6	t-1,3-Dichloropropene	21.5	21.5	U
79-00-5	1,1,2-Trichloroethane	28.6	28.6	U
127-18-4	Tetrachloroethene	15.7	15.7	U
142-28-9	1,3-Dichloropropane	22.9	22.9	U
591-78-6	2-Hexanone	57.2	57.2	U
124-48-1	Dibromochloromethane	20.0	20.0	U

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ANALYSIS REPORT - EPA 8260

Sample: J4660-13-continue
Client Sample ID: S-01E
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.40
% Solids: 87.3%

Analyzed: 12/15/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	32.9	32.9	U
108-90-7	Chlorobenzene	15.7	15.7	U
630-20-6	1,1,1,2-Tetrachloroethane	50.0	50.0	U
100-41-4	Ethylbenzene	27.2	538	
108-38-3	m,p-xylene	40.0	2790	
95-47-6	o-xylene	22.9	878	
100-42-5	Styrene	32.9	32.9	U
75-25-2	Bromoform	12.9	12.9	U
98-82-8	Isopropylbenzene	37.2	37.2	U
108-86-1	Bromobenzene	38.6	38.6	U
79-34-5	1,1,2,2-Tetrachloroethane	31.5	31.5	U
103-65-1	n-Propylbenzene	30.0	30.0	U
96-18-4	1,2,3-Trichloropropane	88.7	88.7	U
622-96-8	p-Ethyltoluene	22.9	22.9	U
108-67-8	1,3,5-Trimethylbenzene	48.6	48.6	U
95-49-8	2-Chlorotoluene	30.0	30.0	U
106-43-4	4-Chlorotoluene	51.5	51.5	U
98-06-6	tert-Butylbenzene	52.9	52.9	U
95-63-6	1,2,4-Trimethylbenzene	31.5	31.5	U
135-98-8	sec-Butylbenzene	40.0	40.0	U
99-87-6	4-Isopropyltoluene	34.3	34.3	U
541-73-1	1,3-Dichlorobenzene	18.6	18.6	U
106-46-7	1,4-Dichlorobenzene	11.4	11.4	U
95-50-1	1,2-Dichlorobenzene	20.0	20.0	U
105-05-5	p-Diethylbenzene	25.7	25.7	U
104-51-8	n-Butylbenzene	17.2	17.2	U
95-93-2	1,2,4,5-Tetramethylbenzene	27.2	27.2	U
96-12-8	1,2-Dibromo-3-chloropropane	75.8	75.8	U
120-82-1	1,2,4-Trichlorobenzene	27.2	27.2	U
87-68-3	Hexachlorobutadiene	47.2	47.2	U
91-20-3	Naphthalene	27.2	27.2	U
87-61-6	1,2,3-Trichlorobenzene	32.9	32.9	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-1

Client Sample ID: W-01 Collected: 12/9/99 13.00

Matrix: Liquid Type: Grab

Remarks: See case narrative

Analyzed: 12/17/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	0.24	0.24	U
111-44-4	bis(2-Chloroethyl)ether	1.08	1.08	U
95-57-8	2-Chlorophenol	1.08	1.08	U
541-73-1	1,3-Dichlorobenzene	1.37	1.37	U
106-46-7	1,4-Dichlorobenzene	1.45	1.45	U
100-51-6	Benzyl alcohol	1.43	1.43	U
95-50-1	1,2-Dichlorobenzene	1.10	1.10	U
95-48-7	2-Methylphenol	1.16	1.16	U
108-60-1	bis(2-Chloroisopropyl)ether	0.66	0.66	U
106-44-5	3,4-Methylphenol	1.23	1.23	U
621-64-7	N-Nitroso-di-n-propylamine	0.74	0.74	U
67-72-1	Hexachloroethane	1.66	1.66	U
98-95-3	Nitrobenzene	0.70	0.70	U
78-59-1	Isophorone	0.64	0.64	U
88-75-5	2-Nitrophenol	1.06	1.06	U
105-67-9	2,4-Dimethylphenol	1.57	1.57	U
65-85-0	Benzoic acid	3.15	3.15	U
111-91-1	bis(2-Chloroethoxy)methane	0.92	0.92	U
120-83-2	2,4-Dichlorophenol	0.73	0.73	U
120-82-1	1,2,4-Trichlorobenzene	1.19	1.19	U
91-20-3	Naphthalene	0.98	0.98	U
106-47-8	4-Chloroaniline	0.37	0.37	U
87-68-3	Hexachlorobutadiene	1.32	1.32	U
59-50-7	4-Chloro-3-methylphenol	0.55	0.55	U
91-57-6	2-Methylnaphthalene	1.11	1.11	U
77-47-4	Hexachlorocyclopentadiene	3.55	3.55	U
88-06-2	2,4,6-Trichlorophenol	0.99	0.99	U
95-95-4	2,4,5-Trichlorophenol	0.50	0.50	U
91-58-7	2-Chloronaphthalene	0.79	0.79	U
88-74-4	2-Nitroaniline	0.63	0.63	U
131-11-3	Dimethyl phthalate	2.43	2.43	U
208-96-8	Acenaphthylene	0.82	0.82	U
606-20-2	2,6-Dinitrotoluene	0.71	0.71	U
99-09-2	3-Nitroaniline	0.67	0.67	U
83-32-9	Acenaphthene	0.97	0.97	U
51-28-5	2,4-Dinitrophenol	3.81	3.81	U
100-02-7	4-Nitrophenol	1.88	1.88	U
132-64-9	Dibenzofuran	0.77	0.77	U
121-14-2	2,4-Dinitrotoluene	0.75	0.75	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-1-continue
Client Sample ID: W-01
Matrix: Liquid
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 13.00

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	3.28	3.28	U
7005-72-3	4-Chlorophenyl-phenyl ether	0.60	0.60	U
86-73-7	Fluorene	0.64	0.64	U
100-01-6	4-Nitroaniline	0.88	0.88	U
534-52-1	4,6-Dinitro-2-methylphenol	3.19	3.19	U
86-30-6	N-nitrosodiphenylamine	0.73	0.73	U
101-55-3	4-Bromophenyl-phenylether	0.52	0.52	U
118-74-1	Hexachlorobenzene	0.43	0.43	U
87-86-5	Pentachlorophenol	3.02	3.02	U
85-01-8	Phenanthrene	0.67	0.67	U
120-12-7	Anthracene	0.59	0.59	U
84-74-2	Di-n-butylphthalate	2.94	2.94	U
206-44-0	Fluoranthene	0.53	0.53	U
129-00-0	Pyrene	0.61	0.61	U
85-68-7	Butylbenzylphthalate	2.91	2.91	U
91-94-1	3,3'-Dichlorobenzidine	0.49	0.49	U
56-55-3	Benzo(a)anthracene	1.04	1.04	U
218-01-9	Chrysene	0.71	0.71	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.98	0.51	JB
117-84-0	Di-n-octylphthalate	1.05	1.05	U
205-99-2	Benzo(b)fluoranthene	1.38	1.38	U
207-08-9	Benzo(k)fluoranthene	1.79	1.79	U
50-32-8	Benzo(a)pyrene	0.71	0.71	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.64	0.64	U
53-70-3	Dibenzo(a,h)anthracene	0.60	0.60	U
191-24-2	Benzo(g,h,i)perylene	0.63	0.63	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-2

Client Sample ID: S-04B — Collected: 12/9/99 11.45

Matrix: Soil — Type: Grab — % Solids: 83.3%

Remarks: See case narrative

Analyzed: 12/17/99 — Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	27.5	265	
111-44-4	bis(2-Chloroethyl)ether	39.4	39.4	U
95-57-8	2-Chlorophenol	35.8	35.8	U
541-73-1	1,3-Dichlorobenzene	21.1	21.1	U
106-46-7	1,4-Dichlorobenzene	36.1	36.1	U
100-51-6	Benzyl alcohol	25.6	25.6	U
95-50-1	1,2-Dichlorobenzene	39.0	39.0	U
95-48-7	2-Methylphenol	45.0	45.0	U
108-60-1	bis(2-Chloroisopropyl)ether	53.3	53.3	U
106-44-5	3,4-Methylphenol	151	151	U
621-64-7	N-Nitroso-di-n-propylamine	47.2	47.2	U
67-72-1	Hexachloroethane	53.7	53.7	U
98-95-3	Nitrobenzene	41.3	41.3	U
78-59-1	Isophorone	42.5	42.5	U
88-75-5	2-Nitrophenol	60.3	60.3	U
105-67-9	2,4-Dimethylphenol	40.8	40.8	U
65-85-0	Benzoic acid	251	251	U
111-91-1	bis(2-Chloroethoxy)methane	34.7	34.7	U
120-83-2	2,4-Dichlorophenol	61.8	61.8	U
120-82-1	1,2,4-Trichlorobenzene	33.6	33.6	U
91-20-3	Naphthalene	32.0	32.0	U
106-47-8	4-Chloroaniline	29.6	29.6	U
87-68-3	Hexachlorobutadiene	42.5	42.5	U
59-50-7	4-Chloro-3-methylphenol	70.1	70.1	U
91-57-6	2-Methylnaphthalene	45.0	45.0	U
77-47-4	Hexachlorocyclopentadiene	31.9	31.9	U
88-06-2	2,4,6-Trichlorophenol	46.9	46.9	U
95-95-4	2,4,5-Trichlorophenol	68.2	68.2	U
91-58-7	2-Chloronaphthalene	32.8	32.8	U
88-74-4	2-Nitroaniline	69.4	69.4	U
131-11-3	Dimethyl phthalate	62.1	62.1	U
208-96-8	Acenaphthylene	42.0	42.0	U
606-20-2	2,6-Dinitrotoluene	51.2	51.2	U
99-09-2	3-Nitroaniline	116	116	U
83-32-9	Acenaphthene	46.5	46.5	U
51-28-5	2,4-Dinitrophenol	102	102	U
100-02-7	4-Nitrophenol	230	230	U
132-64-9	Dibenzofuran	49.3	49.3	U
121-14-2	2,4-Dinitrotoluene	65.1	65.1	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-2-continue
Client Sample ID: S-04B
Matrix: Soil
Type: Grab
Collected: 12/9/99 11.45
% Solids: 83.3%
Remarks: See case narrative

Analyzed: 12/17/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	105	105	U
7005-72-3	4-Chlorophenyl-phenyl ether	61.5	61.5	U
86-73-7	Fluorene	46.4	46.4	U
100-01-6	4-Nitroaniline	95.4	95.4	U
534-52-1	4,6-Dinitro-2-methylphenol	94.8	94.8	U
86-30-6	N-nitrosodiphenylamine	86.2	86.2	U
101-55-3	4-Bromophenyl-phenylether	65.3	65.3	U
118-74-1	Hexachlorobenzene	73.2	73.2	U
87-86-5	Pentachlorophenol	117	117	U
85-01-8	Phenanthrene	67.5	67.5	U
120-12-7	Anthracene	62.0	62.0	U
84-74-2	Di-n-butylphthalate	103	**57.1**	JB
206-44-0	Fluoranthene	78.7	78.7	U
129-00-0	Pyrene	74.4	74.4	U
85-68-7	Butylbenzylphthalate	106	106	U
91-94-1	3,3'-Dichlorobenzidine	101	101	U
56-55-3	Benzo(a)anthracene	72.2	72.2	U
218-01-9	Chrysene	73.5	73.5	U
117-81-7	bis(2-Ethylhexyl)phthalate	121	**77.3**	JB
117-84-0	Di-n-octylphthalate	106	106	U
205-99-2	Benzo(b)fluoranthene	87.5	87.5	U
207-08-9	Benzo(k)fluoranthene	93.8	93.8	U
50-32-8	Benzo(a)pyrene	81.2	81.2	U
193-39-5	Indeno(1,2,3-cd)pyrene	132	132	U
53-70-3	Dibenzo(a,h)anthracene	122	122	U
191-24-2	Benzo(g,h,i)perylene	85.8	85.8	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-3
Client Sample ID: S-04C
Matrix: Soil
Type: Grab
Collected: 12/9/99 12.00
% Solids: 64.9%
Remarks: See case narrative

Analyzed: 12/17/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	34.0	**527**	
111-44-4	bis(2-Chloroethyl)ether	48.7	48.7	U
95-57-8	2-Chlorophenol	44.2	44.2	U
541-73-1	1,3-Dichlorobenzene	26.0	26.0	U
106-46-7	1,4-Dichlorobenzene	44.5	44.5	U
100-51-6	Benzyl alcohol	31.6	31.6	U
95-50-1	1,2-Dichlorobenzene	48.2	48.2	U
95-48-7	2-Methylphenol	55.6	**186**	
108-60-1	bis(2-Chloroisopropyl)ether	65.9	65.9	U
106-44-5	3,4-Methylphenol	186	**160**	J
621-64-7	N-Nitroso-di-n-propylamine	58.4	58.4	U
67-72-1	Hexachloroethane	66.3	66.3	U
98-95-3	Nitrobenzene	51.0	51.0	U
78-59-1	Isophorone	52.5	52.5	U
88-75-5	2-Nitrophenol	74.5	74.5	U
105-67-9	2,4-Dimethylphenol	50.4	50.4	U
65-85-0	Benzoic acid	311	311	U
111-91-1	bis(2-Chloroethoxy)methane	42.9	42.9	U
120-83-2	2,4-Dichlorophenol	76.3	76.3	U
120-82-1	1,2,4-Trichlorobenzene	41.5	41.5	U
91-20-3	Naphthalene	39.5	39.5	U
106-47-8	4-Chloroaniline	36.6	36.6	U
87-68-3	Hexachlorobutadiene	52.5	52.5	U
59-50-7	4-Chloro-3-methylphenol	86.6	86.6	U
91-57-6	2-Methylnaphthalene	55.6	55.6	U
77-47-4	Hexachlorocyclopentadiene	39.4	39.4	U
88-06-2	2,4,6-Trichlorophenol	57.9	57.9	U
95-95-4	2,4,5-Trichlorophenol	84.2	84.2	U
91-58-7	2-Chloronaphthalene	40.6	40.6	U
88-74-4	2-Nitroaniline	85.7	85.7	U
131-11-3	Dimethyl phthalate	76.7	76.7	U
208-96-8	Acenaphthylene	51.9	51.9	U
606-20-2	2,6-Dinitrotoluene	63.2	63.2	U
99-09-2	3-Nitroaniline	143	143	U
83-32-9	Acenaphthene	57.5	57.5	U
51-28-5	2,4-Dinitrophenol	126	126	U
100-02-7	4-Nitrophenol	284	284	U
132-64-9	Dibenzofuran	60.9	60.9	U
121-14-2	2,4-Dinitrotoluene	80.4	80.4	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-3-continue

Client Sample ID: S-04C — Collected: 12/9/99 12.00

Matrix: Soil — Type: Grab — % Solids: 64.9%

Remarks: See case narrative

Analyzed: 12/17/99 — Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	130	130	U
7005-72-3	4-Chlorophenyl-phenyl ether	76.0	76.0	U
86-73-7	Fluorene	57.3	57.3	U
100-01-6	4-Nitroaniline	118	118	U
534-52-1	4,6-Dinitro-2-methylphenol	117	117	U
86-30-6	N-nitrosodiphenylamine	106	106	U
101-55-3	4-Bromophenyl-phenylether	80.7	80.7	U
118-74-1	Hexachlorobenzene	90.4	90.4	U
87-86-5	Pentachlorophenol	145	145	U
85-01-8	Phenanthrene	83.3	83.3	U
120-12-7	Anthracene	76.6	76.6	U
84-74-2	Di-n-butylphthalate	127	**92.4**	JB
206-44-0	Fluoranthene	97.2	97.2	U
129-00-0	Pyrene	91.9	91.9	U
85-68-7	Butylbenzylphthalate	130	130	U
91-94-1	3,3'-Dichlorobenzidine	125	125	U
56-55-3	Benzo(a)anthracene	89.2	89.2	U
218-01-9	Chrysene	90.8	90.8	U
117-81-7	bis(2-Ethylhexyl)phthalate	149	**67.5**	JB
117-84-0	Di-n-octylphthalate	131	131	U
205-99-2	Benzo(b)fluoranthene	108	108	U
207-08-9	Benzo(k)fluoranthene	116	116	U
50-32-8	Benzo(a)pyrene	100	100	U
193-39-5	Indeno(1,2,3-cd)pyrene	163	163	U
53-70-3	Dibenzo(a,h)anthracene	151	151	U
191-24-2	Benzo(g,h,i)perylene	106	106	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-4
Client Sample ID: S-04D
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 12.20
% Solids: 82.5%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	27.5	**535**	
111-44-4	bis(2-Chloroethyl)ether	39.4	39.4	U
95-57-8	2-Chlorophenol	35.8	35.8	U
541-73-1	1,3-Dichlorobenzene	21.1	21.1	U
106-46-7	1,4-Dichlorobenzene	36.1	36.1	U
100-51-6	Benzyl alcohol	25.6	25.6	U
95-50-1	1,2-Dichlorobenzene	39.0	39.0	U
95-48-7	2-Methylphenol	45.0	**910**	
108-60-1	bis(2-Chloroisopropyl)ether	53.3	53.3	U
106-44-5	3,4-Methylphenol	151	**844**	
621-64-7	N-Nitroso-di-n-propylamine	47.2	47.2	U
67-72-1	Hexachloroethane	53.7	53.7	U
98-95-3	Nitrobenzene	41.3	41.3	U
78-59-1	Isophorone	42.5	42.5	U
88-75-5	2-Nitrophenol	60.3	60.3	U
105-67-9	2,4-Dimethylphenol	40.8	40.8	U
65-85-0	Benzoic acid	251	251	U
111-91-1	bis(2-Chloroethoxy)methane	34.7	34.7	U
120-83-2	2,4-Dichlorophenol	61.8	61.8	U
120-82-1	1,2,4-Trichlorobenzene	33.6	33.6	U
91-20-3	Naphthalene	32.0	**664**	
106-47-8	4-Chloroaniline	29.6	29.6	U
87-68-3	Hexachlorobutadiene	42.5	42.5	U
59-50-7	4-Chloro-3-methylphenol	70.1	70.1	U
91-57-6	2-Methylnaphthalene	45.0	**2750**	
77-47-4	Hexachlorocyclopentadiene	31.9	31.9	U
88-06-2	2,4,6-Trichlorophenol	46.9	46.9	U
95-95-4	2,4,5-Trichlorophenol	68.2	68.2	U
91-58-7	2-Chloronaphthalene	32.8	32.8	U
88-74-4	2-Nitroaniline	69.4	69.4	U
131-11-3	Dimethyl phthalate	62.1	62.1	U
208-96-8	Acenaphthylene	42.0	42.0	U
606-20-2	2,6-Dinitrotoluene	51.2	51.2	U
99-09-2	3-Nitroaniline	116	116	U
83-32-9	Acenaphthene	46.5	**145**	
51-28-5	2,4-Dinitrophenol	102	102	U
100-02-7	4-Nitrophenol	230	230	U
132-64-9	Dibenzofuran	49.3	**125**	
121-14-2	2,4-Dinitrotoluene	65.1	65.1	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-4-continue
Client Sample ID: S-04D
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 12.20
% Solids: 82.5%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	105	105	U
7005-72-3	4-Chlorophenyl-phenyl ether	61.5	61.5	U
86-73-7	Fluorene	46.4	**370**	
100-01-6	4-Nitroaniline	95.4	95.4	U
534-52-1	4,6-Dinitro-2-methylphenol	94.8	94.8	U
86-30-6	N-nitrosodiphenylamine	86.2	**455**	
101-55-3	4-Bromophenyl-phenylether	65.3	65.3	U
118-74-1	Hexachlorobenzene	73.2	73.2	U
87-86-5	Pentachlorophenol	117	117	U
85-01-8	Phenanthrene	67.5	**797**	
120-12-7	Anthracene	62.0	**92.7**	
84-74-2	Di-n-butylphthalate	103	**90.3**	JB
206-44-0	Fluoranthene	78.7	78.7	U
129-00-0	Pyrene	74.4	**121**	
85-68-7	Butylbenzylphthalate	106	106	U
91-94-1	3,3'-Dichlorobenzidine	101	101	U
56-55-3	Benzo(a)anthracene	72.2	72.2	U
218-01-9	Chrysene	73.5	73.5	U
117-81-7	bis(2-Ethylhexyl)phthalate	121	**89.1**	JB
117-84-0	Di-n-octylphthalate	106	106	U
205-99-2	Benzo(b)fluoranthene	87.5	87.5	U
207-08-9	Benzo(k)fluoranthene	93.8	93.8	U
50-32-8	Benzo(a)pyrene	81.2	81.2	U
193-39-5	Indeno(1,2,3-cd)pyrene	132	132	U
53-70-3	Dibenzo(a,h)anthracene	122	122	U
191-24-2	Benzo(g,h,i)perylene	85.8	85.8	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-5

Client Sample ID: S-04E
Matrix: Soil
Type: Grab
Collected: 12/9/99 12.30
% Solids: 86.1%
Remarks: See case narrative

Analyzed: 12/17/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	25.9	**213**	
111-44-4	bis(2-Chloroethyl)ether	37.1	37.1	U
95-57-8	2-Chlorophenol	33.7	33.7	U
541-73-1	1,3-Dichlorobenzene	19.8	19.8	U
106-46-7	1,4-Dichlorobenzene	33.9	33.9	U
100-51-6	Benzyl alcohol	24.1	24.1	U
95-50-1	1,2-Dichlorobenzene	36.7	36.7	U
95-48-7	2-Methylphenol	42.3	**284**	
108-60-1	bis(2-Chloroisopropyl)ether	50.2	50.2	U
106-44-5	3,4-Methylphenol	142	**289**	
621-64-7	N-Nitroso-di-n-propylamine	44.5	44.5	U
67-72-1	Hexachloroethane	50.5	50.5	U
98-95-3	Nitrobenzene	38.9	38.9	U
78-59-1	Isophorone	40.0	40.0	U
88-75-5	2-Nitrophenol	56.8	56.8	U
105-67-9	2,4-Dimethylphenol	38.4	38.4	U
65-85-0	Benzoic acid	237	237	U
111-91-1	bis(2-Chloroethoxy)methane	32.7	32.7	U
120-83-2	2,4-Dichlorophenol	58.1	58.1	U
120-82-1	1,2,4-Trichlorobenzene	31.6	31.6	U
91-20-3	Naphthalene	30.1	30.1	U
106-47-8	4-Chloroaniline	27.9	27.9	U
87-68-3	Hexachlorobutadiene	40.0	40.0	U
59-50-7	4-Chloro-3-methylphenol	66.0	66.0	U
91-57-6	2-Methylnaphthalene	42.3	42.3	U
77-47-4	Hexachlorocyclopentadiene	30.0	30.0	U
88-06-2	2,4,6-Trichlorophenol	44.1	44.1	U
95-95-4	2,4,5-Trichlorophenol	64.2	64.2	U
91-58-7	2-Chloronaphthalene	30.9	30.9	U
88-74-4	2-Nitroaniline	65.3	65.3	U
131-11-3	Dimethyl phthalate	58.5	58.5	U
208-96-8	Acenaphthylene	39.5	39.5	U
606-20-2	2,6-Dinitrotoluene	48.2	48.2	U
99-09-2	3-Nitroaniline	109	109	U
83-32-9	Acenaphthene	43.8	43.8	U
51-28-5	2,4-Dinitrophenol	95.9	95.9	U
100-02-7	4-Nitrophenol	216	216	U
132-64-9	Dibenzofuran	46.4	46.4	U
121-14-2	2,4-Dinitrotoluene	61.3	61.3	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-5-continue
Client Sample ID: S-04E
Matrix: Soil
Type: Grab
Collected: 12/9/99 12.30
% Solids: 86.1%
Remarks: See case narrative

Analyzed: 12/17/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	99.2	99.2	U
7005-72-3	4-Chlorophenyl-phenyl ether	57.9	57.9	U
86-73-7	Fluorene	43.7	43.7	U
100-01-6	4-Nitroaniline	89.8	89.8	U
534-52-1	4,6-Dinitro-2-methylphenol	89.3	89.3	U
86-30-6	N-nitrosodiphenylamine	81.1	81.1	U
101-55-3	4-Bromophenyl-phenylether	61.5	61.5	U
118-74-1	Hexachlorobenzene	68.9	68.9	U
87-86-5	Pentachlorophenol	111	111	U
85-01-8	Phenanthrene	63.5	63.5	U
120-12-7	Anthracene	58.4	58.4	U
84-74-2	Di-n-butylphthalate	96.8	**61.4**	JB
206-44-0	Fluoranthene	74.0	74.0	U
129-00-0	Pyrene	70.0	70.0	U
85-68-7	Butylbenzylphthalate	99.3	99.3	U
91-94-1	3,3'-Dichlorobenzidine	95.1	95.1	U
56-55-3	Benzo(a)anthracene	68.0	68.0	U
218-01-9	Chrysene	69.2	69.2	U
117-81-7	bis(2-Ethylhexyl)phthalate	114	**52.5**	JB
117-84-0	Di-n-octylphthalate	99.8	99.8	U
205-99-2	Benzo(b)fluoranthene	82.3	82.3	U
207-08-9	Benzo(k)fluoranthene	88.3	88.3	U
50-32-8	Benzo(a)pyrene	76.4	76.4	U
193-39-5	Indeno(1,2,3-cd)pyrene	124	124	U
53-70-3	Dibenzo(a,h)anthracene	115	115	U
191-24-2	Benzo(g,h,i)perylene	80.8	80.8	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-6
Client Sample ID: S-02A
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 10.15
% Solids: 82.1%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	49.5	**887**	
111-44-4	bis(2-Chloroethyl)ether	43.7	43.7	U
95-57-8	2-Chlorophenol	392	392	U
541-73-1	1,3-Dichlorobenzene	17.3	17.3	U
106-46-7	1,4-Dichlorobenzene	36.8	36.8	U
100-51-6	Benzyl alcohol	436	436	U
95-50-1	1,2-Dichlorobenzene	31.0	31.0	U
95-48-7	2-Methylphenol	39.1	39.1	U
108-60-1	bis(2-Chloroisopropyl)ether	71.3	71.3	U
106-44-5	3,4-Methylphenol	41.4	41.4	U
621-64-7	N-Nitroso-di-n-propylamine	93.2	93.2	U
67-72-1	Hexachloroethane	46.0	46.0	U
98-95-3	Nitrobenzene	29.9	29.9	U
78-59-1	Isophorone	50.6	50.6	U
88-75-5	2-Nitrophenol	240	240	U
105-67-9	2,4-Dimethylphenol	319	319	U
65-85-0	Benzoic acid	516	516	U
111-91-1	bis(2-Chloroethoxy)methane	34.5	34.5	U
120-83-2	2,4-Dichlorophenol	17.3	17.3	U
120-82-1	1,2,4-Trichlorobenzene	34.5	34.5	U
91-20-3	Naphthalene	29.9	**200**	
106-47-8	4-Chloroaniline	123	123	U
87-68-3	Hexachlorobutadiene	49.5	49.5	U
59-50-7	4-Chloro-3-methylphenol	365	365	U
91-57-6	2-Methylnaphthalene	40.3	**156**	
77-47-4	Hexachlorocyclopentadiene	669	669	U
88-06-2	2,4,6-Trichlorophenol	309	309	U
95-95-4	2,4,5-Trichlorophenol	282	282	U
91-58-7	2-Chloronaphthalene	26.5	26.5	U
88-74-4	2-Nitroaniline	306	306	U
131-11-3	Dimethyl phthalate	64.4	64.4	U
208-96-8	Acenaphthylene	33.3	**108**	
606-20-2	2,6-Dinitrotoluene	302	302	U
99-09-2	3-Nitroaniline	158	158	U
83-32-9	Acenaphthene	33.3	**122**	
51-28-5	2,4-Dinitrophenol	477	477	U
100-02-7	4-Nitrophenol	322	322	U
132-64-9	Dibenzofuran	39.1	**96.5**	
121-14-2	2,4-Dinitrotoluene	309	309	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-6-continue
Client Sample ID: S-02A
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 10.15
% Solids: 82.1%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	97.8	97.8	U
7005-72-3	4-Chlorophenyl-phenyl ether	52.9	52.9	U
86-73-7	Fluorene	47.2	**108**	
100-01-6	4-Nitroaniline	182	182	U
534-52-1	4,6-Dinitro-2-methylphenol	237	237	U
86-30-6	N-nitrosodiphenylamine	72.4	72.4	U
101-55-3	4-Bromophenyl-phenylether	65.6	65.6	U
118-74-1	Hexachlorobenzene	107	107	U
87-86-5	Pentachlorophenol	222	222	U
85-01-8	Phenanthrene	65.6	**1860**	
120-12-7	Anthracene	59.8	**337**	
84-74-2	Di-n-butylphthalate	116	**91.9**	JB
206-44-0	Fluoranthene	78.2	**2780**	
129-00-0	Pyrene	79.3	**3350**	
85-68-7	Butylbenzylphthalate	143	143	U
91-94-1	3,3'-Dichlorobenzidine	297	297	U
56-55-3	Benzo(a)anthracene	73.6	**1390**	
218-01-9	Chrysene	72.4	**1530**	
117-81-7	bis(2-Ethylhexyl)phthalate	141	**501**	B
117-84-0	Di-n-octylphthalate	85.1	85.1	U
205-99-2	Benzo(b)fluoranthene	63.3	**1300**	
207-08-9	Benzo(k)fluoranthene	77.1	**1310**	
50-32-8	Benzo(a)pyrene	59.8	**1420**	
193-39-5	Indeno(1,2,3-cd)pyrene	65.6	**826**	
53-70-3	Dibenzo(a,h)anthracene	65.6	**257**	
191-24-2	Benzo(g,h,i)perylene	77.1	**928**	

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-7
Client Sample ID: S-02B
Matrix: Soil
Type: Grab
Collected: 12/9/99 09.00
% Solids: 85.6%
Remarks: See case narrative

Analyzed: 12/17/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	49.5	**355**	
111-44-4	bis(2-Chloroethyl)ether	43.7	43.7	U
95-57-8	2-Chlorophenol	392	392	U
541-73-1	1,3-Dichlorobenzene	17.3	17.3	U
106-46-7	1,4-Dichlorobenzene	36.8	36.8	U
100-51-6	Benzyl alcohol	436	436	U
95-50-1	1,2-Dichlorobenzene	31.0	31.0	U
95-48-7	2-Methylphenol	39.1	39.1	U
108-60-1	bis(2-Chloroisopropyl)ether	71.3	71.3	U
106-44-5	3,4-Methylphenol	41.4	41.4	U
621-64-7	N-Nitroso-di-n-propylamine	93.2	93.2	U
67-72-1	Hexachloroethane	46.0	46.0	U
98-95-3	Nitrobenzene	29.9	29.9	U
78-59-1	Isophorone	50.6	50.6	U
88-75-5	2-Nitrophenol	240	240	U
105-67-9	2,4-Dimethylphenol	319	319	U
65-85-0	Benzoic acid	516	516	U
111-91-1	bis(2-Chloroethoxy)methane	34.5	34.5	U
120-83-2	2,4-Dichlorophenol	17.3	17.3	U
120-82-1	1,2,4-Trichlorobenzene	34.5	34.5	U
91-20-3	Naphthalene	29.9	**45.8**	
106-47-8	4-Chloroaniline	123	123	U
87-68-3	Hexachlorobutadiene	49.5	49.5	U
59-50-7	4-Chloro-3-methylphenol	365	365	U
91-57-6	2-Methylnaphthalene	40.3	**98.5**	
77-47-4	Hexachlorocyclopentadiene	669	669	U
88-06-2	2,4,6-Trichlorophenol	309	309	U
95-95-4	2,4,5-Trichlorophenol	282	282	U
91-58-7	2-Chloronaphthalene	26.5	26.5	U
88-74-4	2-Nitroaniline	306	306	U
131-11-3	Dimethyl phthalate	64.4	64.4	U
208-96-8	Acenaphthylene	33.3	33.3	U
606-20-2	2,6-Dinitrotoluene	302	302	U
99-09-2	3-Nitroaniline	158	158	U
83-32-9	Acenaphthene	33.3	33.3	U
51-28-5	2,4-Dinitrophenol	477	477	U
100-02-7	4-Nitrophenol	322	322	U
132-64-9	Dibenzofuran	39.1	39.1	U
121-14-2	2,4-Dinitrotoluene	309	309	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-7-continue
Client Sample ID: S-02B
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.00
% Solids: 85.6%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	97.8	97.8	U
7005-72-3	4-Chlorophenyl-phenyl ether	52.9	52.9	U
86-73-7	Fluorene	47.2	47.2	U
100-01-6	4-Nitroaniline	182	182	U
534-52-1	4,6-Dinitro-2-methylphenol	237	237	U
86-30-6	N-nitrosodiphenylamine	72.4	72.4	U
101-55-3	4-Bromophenyl-phenylether	65.6	65.6	U
118-74-1	Hexachlorobenzene	107	107	U
87-86-5	Pentachlorophenol	222	222	U
85-01-8	Phenanthrene	65.6	**333**	
120-12-7	Anthracene	59.8	**74.4**	
84-74-2	Di-n-butylphthalate	116	**72.2**	JB
206-44-0	Fluoranthene	78.2	**463**	
129-00-0	Pyrene	79.3	**463**	
85-68-7	Butylbenzylphthalate	143	143	U
91-94-1	3,3'-Dichlorobenzidine	297	297	U
56-55-3	Benzo(a)anthracene	73.6	**202**	
218-01-9	Chrysene	72.4	**253**	
117-81-7	bis(2-Ethylhexyl)phthalate	141	**314**	B
117-84-0	Di-n-octylphthalate	85.1	85.1	U
205-99-2	Benzo(b)fluoranthene	63.3	**206**	
207-08-9	Benzo(k)fluoranthene	77.1	**178**	
50-32-8	Benzo(a)pyrene	59.8	**205**	
193-39-5	Indeno(1,2,3-cd)pyrene	65.6	**140**	
53-70-3	Dibenzo(a,h)anthracene	65.6	65.6	U
191-24-2	Benzo(g,h,i)perylene	77.1	**170**	

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-8

Client Sample ID: S-02C

Matrix: Soil

Type: Grab

Collected: 12/9/99 09.10

% Solids: 92.8%

Remarks: See case narrative

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	24.3	**116**	
111-44-4	bis(2-Chloroethyl)ether	34.8	34.8	U
95-57-8	2-Chlorophenol	31.6	31.6	U
541-73-1	1,3-Dichlorobenzene	18.6	18.6	U
106-46-7	1,4-Dichlorobenzene	31.8	31.8	U
100-51-6	Benzyl alcohol	22.6	22.6	U
95-50-1	1,2-Dichlorobenzene	34.4	34.4	U
95-48-7	2-Methylphenol	39.7	**295**	
108-60-1	bis(2-Chloroisopropyl)ether	47.0	47.0	U
106-44-5	3,4-Methylphenol	133	**305**	
621-64-7	N-Nitroso-di-n-propylamine	41.7	41.7	U
67-72-1	Hexachloroethane	47.4	47.4	U
98-95-3	Nitrobenzene	36.4	36.4	U
78-59-1	Isophorone	37.5	37.5	U
88-75-5	2-Nitrophenol	53.2	53.2	U
105-67-9	2,4-Dimethylphenol	36.0	**280**	
65-85-0	Benzoic acid	222	222	U
111-91-1	bis(2-Chloroethoxy)methane	30.7	30.7	U
120-83-2	2,4-Dichlorophenol	54.5	54.5	U
120-82-1	1,2,4-Trichlorobenzene	29.6	29.6	U
91-20-3	Naphthalene	28.2	28.2	U
106-47-8	4-Chloroaniline	26.1	26.1	U
87-68-3	Hexachlorobutadiene	37.5	37.5	U
59-50-7	4-Chloro-3-methylphenol	61.8	61.8	U
91-57-6	2-Methylnaphthalene	39.7	39.7	U
77-47-4	Hexachlorocyclopentadiene	28.1	28.1	U
88-06-2	2,4,6-Trichlorophenol	41.4	41.4	U
95-95-4	2,4,5-Trichlorophenol	60.2	60.2	U
91-58-7	2-Chloronaphthalene	29.0	29.0	U
88-74-4	2-Nitroaniline	61.2	61.2	U
131-11-3	Dimethyl phthalate	54.8	54.8	U
208-96-8	Acenaphthylene	37.1	37.1	U
606-20-2	2,6-Dinitrotoluene	45.2	45.2	U
99-09-2	3-Nitroaniline	102	102	U
83-32-9	Acenaphthene	41.1	41.1	U
51-28-5	2,4-Dinitrophenol	89.9	89.9	U
100-02-7	4-Nitrophenol	203	203	U
132-64-9	Dibenzofuran	43.5	43.5	U
121-14-2	2,4-Dinitrotoluene	57.4	57.4	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-8-continue
Client Sample ID: S-02C
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.10
% Solids: 92.8%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	93.0	93.0	U
7005-72-3	4-Chlorophenyl-phenyl ether	54.3	54.3	U
86-73-7	Fluorene	41.0	41.0	U
100-01-6	4-Nitroaniline	84.2	84.2	U
534-52-1	4,6-Dinitro-2-methylphenol	83.7	83.7	U
86-30-6	N-nitrosodiphenylamine	76.0	76.0	U
101-55-3	4-Bromophenyl-phenylether	57.6	57.6	U
118-74-1	Hexachlorobenzene	64.6	64.6	U
87-86-5	Pentachlorophenol	104	104	U
85-01-8	Phenanthrene	59.5	59.5	U
120-12-7	Anthracene	54.7	54.7	U
84-74-2	Di-n-butylphthalate	90.7	**106**	B
206-44-0	Fluoranthene	69.4	69.4	U
129-00-0	Pyrene	65.6	65.6	U
85-68-7	Butylbenzylphthalate	93.1	93.1	U
91-94-1	3,3'-Dichlorobenzidine	89.1	89.1	U
56-55-3	Benzo(a)anthracene	63.7	63.7	U
218-01-9	Chrysene	64.9	64.9	U
117-81-7	bis(2-Ethylhexyl)phthalate	106	**168**	B
117-84-0	Di-n-octylphthalate	93.6	93.6	U
205-99-2	Benzo(b)fluoranthene	77.2	77.2	U
207-08-9	Benzo(k)fluoranthene	82.7	82.7	U
50-32-8	Benzo(a)pyrene	71.6	71.6	U
193-39-5	Indeno(1,2,3-cd)pyrene	116	116	U
53-70-3	Dibenzo(a,h)anthracene	108	108	U
191-24-2	Benzo(g,h,i)perylene	75.7	75.7	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-9

Client Sample ID: S-02D

Matrix: Soil

Type: Grab

Collected: 12/9/99 09.30

% Solids: 89.3%

Remarks: See case narrative

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	24.7	24.7	U
111-44-4	bis(2-Chloroethyl)ether	35.4	35.4	U
95-57-8	2-Chlorophenol	32.2	32.2	U
541-73-1	1,3-Dichlorobenzene	18.9	18.9	U
106-46-7	1,4-Dichlorobenzene	32.4	32.4	U
100-51-6	Benzyl alcohol	23.0	23.0	U
95-50-1	1,2-Dichlorobenzene	35.1	35.1	U
95-48-7	2-Methylphenol	40.4	**174**	
108-60-1	bis(2-Chloroisopropyl)ether	47.9	47.9	U
106-44-5	3,4-Methylphenol	136	**179**	
621-64-7	N-Nitroso-di-n-propylamine	42.5	42.5	U
67-72-1	Hexachloroethane	48.3	48.3	U
98-95-3	Nitrobenzene	37.1	37.1	U
78-59-1	Isophorone	38.2	38.2	U
88-75-5	2-Nitrophenol	54.2	54.2	U
105-67-9	2,4-Dimethylphenol	36.7	**160**	
65-85-0	Benzoic acid	226	226	U
111-91-1	bis(2-Chloroethoxy)methane	31.2	31.2	U
120-83-2	2,4-Dichlorophenol	55.5	55.5	U
120-82-1	1,2,4-Trichlorobenzene	30.2	30.2	U
91-20-3	Naphthalene	28.8	28.8	U
106-47-8	4-Chloroaniline	26.6	26.6	U
87-68-3	Hexachlorobutadiene	38.2	38.2	U
59-50-7	4-Chloro-3-methylphenol	63.0	63.0	U
91-57-6	2-Methylnaphthalene	40.4	40.4	U
77-47-4	Hexachlorocyclopentadiene	28.7	28.7	U
88-06-2	2,4,6-Trichlorophenol	42.2	42.2	U
95-95-4	2,4,5-Trichlorophenol	61.3	61.3	U
91-58-7	2-Chloronaphthalene	29.5	29.5	U
88-74-4	2-Nitroaniline	62.4	62.4	U
131-11-3	Dimethyl phthalate	55.9	55.9	U
208-96-8	Acenaphthylene	37.8	37.8	U
606-20-2	2,6-Dinitrotoluene	46.0	46.0	U
99-09-2	3-Nitroaniline	104	104	U
83-32-9	Acenaphthene	41.8	41.8	U
51-28-5	2,4-Dinitrophenol	91.6	91.6	U
100-02-7	4-Nitrophenol	206	206	U
132-64-9	Dibenzofuran	44.3	44.3	U
121-14-2	2,4-Dinitrotoluene	58.5	58.5	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 516-249-1456 Fax - 516-249-8344

12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-9-continue
Client Sample ID: S-02D
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/9/99 09.30
% Solids: 89.3%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	94.8	94.8	U
7005-72-3	4-Chlorophenyl-phenyl ether	55.3	55.3	U
86-73-7	Fluorene	41.7	41.7	U
100-01-6	4-Nitroaniline	85.8	85.8	U
534-52-1	4,6-Dinitro-2-methylphenol	85.3	85.3	U
86-30-6	N-nitrosodiphenylamine	77.5	77.5	U
101-55-3	4-Bromophenyl-phenylether	58.7	58.7	U
118-74-1	Hexachlorobenzene	65.8	65.8	U
87-86-5	Pentachlorophenol	106	106	U
85-01-8	Phenanthrene	60.7	60.7	U
120-12-7	Anthracene	55.7	55.7	U
84-74-2	Di-n-butylphthalate	92.4	**140**	B
206-44-0	Fluoranthene	70.7	70.7	U
129-00-0	Pyrene	66.9	66.9	U
85-68-7	Butylbenzylphthalate	94.9	94.9	U
91-94-1	3,3'-Dichlorobenzidine	90.8	90.8	U
56-55-3	Benzo(a)anthracene	64.9	64.9	U
218-01-9	Chrysene	66.1	66.1	U
117-81-7	bis(2-Ethylhexyl)phthalate	108	**312**	B
117-84-0	Di-n-octylphthalate	95.3	95.3	U
205-99-2	Benzo(b)fluoranthene	78.6	78.6	U
207-08-9	Benzo(k)fluoranthene	84.3	84.3	U
50-32-8	Benzo(a)pyrene	73.0	73.0	U
193-39-5	Indeno(1,2,3-cd)pyrene	119	119	U
53-70-3	Dibenzo(a,h)anthracene	110	110	U
191-24-2	Benzo(g,h,i)perylene	77.1	77.1	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-10

Client Sample ID: S-01B

Matrix: Soil

Type: Grab

Collected: 12/9/99 09.00

% Solids: 87.5%

Remarks: See case narrative

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	25.9	63.9	
111-44-4	bis(2-Chloroethyl)ether	37.1	37.1	U
95-57-8	2-Chlorophenol	33.7	33.7	U
541-73-1	1,3-Dichlorobenzene	19.8	19.8	U
106-46-7	1,4-Dichlorobenzene	33.9	33.9	U
100-51-6	Benzyl alcohol	24.1	24.1	U
95-50-1	1,2-Dichlorobenzene	36.7	36.7	U
95-48-7	2-Methylphenol	42.3	42.3	U
108-60-1	bis(2-Chloroisopropyl)ether	50.2	50.2	U
106-44-5	3,4-Methylphenol	142	142	U
621-64-7	N-Nitroso-di-n-propylamine	44.5	44.5	U
67-72-1	Hexachloroethane	50.5	50.5	U
98-95-3	Nitrobenzene	38.9	38.9	U
78-59-1	Isophorone	40.0	40.0	U
88-75-5	2-Nitrophenol	56.8	56.8	U
105-67-9	2,4-Dimethylphenol	38.4	38.4	U
65-85-0	Benzoic acid	237	237	U
111-91-1	bis(2-Chloroethoxy)methane	32.7	32.7	U
120-83-2	2,4-Dichlorophenol	58.1	58.1	U
120-82-1	1,2,4-Trichlorobenzene	31.6	31.6	U
91-20-3	Naphthalene	30.1	30.1	U
106-47-8	4-Chloroaniline	27.9	27.9	U
87-68-3	Hexachlorobutadiene	40.0	40.0	U
59-50-7	4-Chloro-3-methylphenol	66.0	66.0	U
91-57-6	2-Methylnaphthalene	42.3	42.3	U
77-47-4	Hexachlorocyclopentadiene	30.0	30.0	U
88-06-2	2,4,6-Trichlorophenol	44.1	44.1	U
95-95-4	2,4,5-Trichlorophenol	64.2	64.2	U
91-58-7	2-Chloronaphthalene	30.9	30.9	U
88-74-4	2-Nitroaniline	65.3	65.3	U
131-11-3	Dimethyl phthalate	58.5	58.5	U
208-96-8	Acenaphthylene	39.5	39.5	U
606-20-2	2,6-Dinitrotoluene	48.2	48.2	U
99-09-2	3-Nitroaniline	109	109	U
83-32-9	Acenaphthene	43.8	43.8	U
51-28-5	2,4-Dinitrophenol	95.9	95.9	U
100-02-7	4-Nitrophenol	216	216	U
132-64-9	Dibenzofuran	46.4	46.4	U
121-14-2	2,4-Dinitrotoluene	61.3	61.3	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-10-continue

Client Sample ID: S-01B

Matrix: Soil Type: Grab

Remarks: See case narrative

Collected: 12/9/99 09.00

% Solids: 87.5%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	99.2	99.2	U
7005-72-3	4-Chlorophenyl-phenyl ether	57.9	57.9	U
86-73-7	Fluorene	43.7	43.7	U
100-01-6	4-Nitroaniline	89.8	89.8	U
534-52-1	4,6-Dinitro-2-methylphenol	89.3	89.3	U
86-30-6	N-nitrosodiphenylamine	81.1	81.1	U
101-55-3	4-Bromophenyl-phenylether	61.5	61.5	U
118-74-1	Hexachlorobenzene	68.9	68.9	U
87-86-5	Pentachlorophenol	111	111	U
85-01-8	Phenanthrene	63.5	63.5	U
120-12-7	Anthracene	58.4	58.4	U
84-74-2	Di-n-butylphthalate	96.8	**84.0**	JB
206-44-0	Fluoranthene	74.0	74.0	U
129-00-0	Pyrene	70.0	70.0	U
85-68-7	Butylbenzylphthalate	99.3	99.3	U
91-94-1	3,3'-Dichlorobenzidine	95.1	95.1	U
56-55-3	Benzo(a)anthracene	68.0	68.0	U
218-01-9	Chrysene	69.2	69.2	U
117-81-7	bis(2-Ethylhexyl)phthalate	114	**54.9**	JB
117-84-0	Di-n-octylphthalate	99.8	99.8	U
205-99-2	Benzo(b)fluoranthene	82.3	82.3	U
207-08-9	Benzo(k)fluoranthene	88.3	88.3	U
50-32-8	Benzo(a)pyrene	76.4	76.4	U
193-39-5	Indeno(1,2,3-cd)pyrene	124	124	U
53-70-3	Dibenzo(a,h)anthracene	115	115	U
191-24-2	Benzo(g,h,i)perylene	80.8	80.8	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-11

Client Sample ID: S-01C

Matrix: Soil

Type: Grab

Collected: 12/9/99 09.15

% Solids: 87.1%

Remarks: See case narrative

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	25.4	**78.4**	
111-44-4	bis(2-Chloroethyl)ether	36.4	36.4	U
95-57-8	2-Chlorophenol	33.1	33.1	U
541-73-1	1,3-Dichlorobenzene	19.5	19.5	U
106-46-7	1,4-Dichlorobenzene	33.3	33.3	U
100-51-6	Benzyl alcohol	23.6	23.6	U
95-50-1	1,2-Dichlorobenzene	36.1	36.1	U
95-48-7	2-Methylphenol	41.6	**539**	
108-60-1	bis(2-Chloroisopropyl)ether	49.3	49.3	U
106-44-5	3,4-Methylphenol	139	**513**	
621-64-7	N-Nitroso-di-n-propylamine	43.7	43.7	U
67-72-1	Hexachloroethane	49.6	49.6	U
98-95-3	Nitrobenzene	38.2	38.2	U
78-59-1	Isophorone	39.3	39.3	U
88-75-5	2-Nitrophenol	55.8	55.8	U
105-67-9	2,4-Dimethylphenol	37.7	**881**	
65-85-0	Benzoic acid	232	232	U
111-91-1	bis(2-Chloroethoxy)methane	32.1	32.1	U
120-83-2	2,4-Dichlorophenol	57.1	57.1	U
120-82-1	1,2,4-Trichlorobenzene	31.0	31.0	U
91-20-3	Naphthalene	29.6	29.6	U
106-47-8	4-Chloroaniline	27.4	27.4	U
87-68-3	Hexachlorobutadiene	39.3	39.3	U
59-50-7	4-Chloro-3-methylphenol	64.8	64.8	U
91-57-6	2-Methylnaphthalene	41.6	41.6	U
77-47-4	Hexachlorocyclopentadiene	29.5	29.5	U
88-06-2	2,4,6-Trichlorophenol	43.3	43.3	U
95-95-4	2,4,5-Trichlorophenol	63.0	63.0	U
91-58-7	2-Chloronaphthalene	30.4	30.4	U
88-74-4	2-Nitroaniline	64.1	64.1	U
131-11-3	Dimethyl phthalate	57.4	57.4	U
208-96-8	Acenaphthylene	38.8	38.8	U
606-20-2	2,6-Dinitrotoluene	47.3	47.3	U
99-09-2	3-Nitroaniline	107	107	U
83-32-9	Acenaphthene	43.0	43.0	U
51-28-5	2,4-Dinitrophenol	94.2	94.2	U
100-02-7	4-Nitrophenol	212	212	U
132-64-9	Dibenzofuran	45.5	45.5	U
121-14-2	2,4-Dinitrotoluene	60.2	60.2	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-11-continue

Client Sample ID: S-01C

Matrix: Soil Type: Grab

Remarks: See case narrative

Collected: 12/9/99 09.15

% Solids: 87.1%

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	97.5	97.5	U
7005-72-3	4-Chlorophenyl-phenyl ether	56.9	56.9	U
86-73-7	Fluorene	42.9	42.9	U
100-01-6	4-Nitroaniline	88.2	88.2	U
534-52-1	4,6-Dinitro-2-methylphenol	87.7	87.7	U
86-30-6	N-nitrosodiphenylamine	79.6	79.6	U
101-55-3	4-Bromophenyl-phenylether	60.4	60.4	U
118-74-1	Hexachlorobenzene	67.7	67.7	U
87-86-5	Pentachlorophenol	109	109	U
85-01-8	Phenanthrene	62.4	62.4	U
120-12-7	Anthracene	57.3	57.3	U
84-74-2	Di-n-butylphthalate	95.0	**92.7**	JB
206-44-0	Fluoranthene	72.7	72.7	U
129-00-0	Pyrene	68.8	68.8	U
85-68-7	Butylbenzylphthalate	97.6	97.6	U
91-94-1	3,3'-Dichlorobenzidine	93.4	93.4	U
56-55-3	Benzo(a)anthracene	66.8	66.8	U
218-01-9	Chrysene	68.0	68.0	U
117-81-7	bis(2-Ethylhexyl)phthalate	112	**48.6**	JB
117-84-0	Di-n-octylphthalate	98.0	98.0	U
205-99-2	Benzo(b)fluoranthene	80.8	80.8	U
207-08-9	Benzo(k)fluoranthene	86.7	86.7	U
50-32-8	Benzo(a)pyrene	75.0	75.0	U
193-39-5	Indeno(1,2,3-cd)pyrene	122	122	U
53-70-3	Dibenzo(a,h)anthracene	113	113	U
191-24-2	Benzo(g,h,i)perylene	79.3	79.3	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-12

Client Sample ID: S-01D

Matrix: Soil

Type: Grab

Collected: 12/9/99 09.30

% Solids: 90.9%

Remarks: See case narrative

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	46.0	**136**	
111-44-4	bis(2-Chloroethyl)ether	40.7	40.7	U
95-57-8	2-Chlorophenol	365	365	U
541-73-1	1,3-Dichlorobenzene	16.0	16.0	U
106-46-7	1,4-Dichlorobenzene	34.2	34.2	U
100-51-6	Benzyl alcohol	406	406	U
95-50-1	1,2-Dichlorobenzene	28.9	28.9	U
95-48-7	2-Methylphenol	36.4	**194**	
108-60-1	bis(2-Chloroisopropyl)ether	66.3	66.3	U
106-44-5	3,4-Methylphenol	38.5	**200**	
621-64-7	N-Nitroso-di-n-propylamine	86.7	86.7	U
67-72-1	Hexachloroethane	42.8	42.8	U
98-95-3	Nitrobenzene	27.8	27.8	U
78-59-1	Isophorone	47.1	47.1	U
88-75-5	2-Nitrophenol	224	224	U
105-67-9	2,4-Dimethylphenol	296	**632**	
65-85-0	Benzoic acid	480	480	U
111-91-1	bis(2-Chloroethoxy)methane	32.1	32.1	U
120-83-2	2,4-Dichlorophenol	16.0	16.0	U
120-82-1	1,2,4-Trichlorobenzene	32.1	32.1	U
91-20-3	Naphthalene	27.8	27.8	U
106-47-8	4-Chloroaniline	114	114	U
87-68-3	Hexachlorobutadiene	46.0	46.0	U
59-50-7	4-Chloro-3-methylphenol	339	339	U
91-57-6	2-Methylnaphthalene	37.5	37.5	U
77-47-4	Hexachlorocyclopentadiene	623	623	U
88-06-2	2,4,6-Trichlorophenol	288	288	U
95-95-4	2,4,5-Trichlorophenol	262	262	U
91-58-7	2-Chloronaphthalene	24.6	24.6	U
88-74-4	2-Nitroaniline	285	285	U
131-11-3	Dimethyl phthalate	59.9	59.9	U
208-96-8	Acenaphthylene	31.0	31.0	U
606-20-2	2,6-Dinitrotoluene	281	281	U
99-09-2	3-Nitroaniline	147	147	U
83-32-9	Acenaphthene	31.0	31.0	U
51-28-5	2,4-Dinitrophenol	444	444	U
100-02-7	4-Nitrophenol	300	300	U
132-64-9	Dibenzofuran	36.4	36.4	U
121-14-2	2,4-Dinitrotoluene	288	288	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-12-continue
Client Sample ID: S-01D
Matrix: Soil
Type: Grab
Collected: 12/9/99 09.30
% Solids: 90.9%
Remarks: See case narrative

Analyzed: 12/17/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	90.9	90.9	U
7005-72-3	4-Chlorophenyl-phenyl ether	49.2	49.2	U
86-73-7	Fluorene	43.9	43.9	U
100-01-6	4-Nitroaniline	169	169	U
534-52-1	4,6-Dinitro-2-methylphenol	220	220	U
86-30-6	N-nitrosodiphenylamine	67.4	67.4	U
101-55-3	4-Bromophenyl-phenylether	61.0	61.0	U
118-74-1	Hexachlorobenzene	99.5	99.5	U
87-86-5	Pentachlorophenol	207	207	U
85-01-8	Phenanthrene	61.0	61.0	U
120-12-7	Anthracene	55.6	55.6	U
84-74-2	Di-n-butylphthalate	108	**61.9**	JB
206-44-0	Fluoranthene	72.8	72.8	U
129-00-0	Pyrene	73.8	73.8	U
85-68-7	Butylbenzylphthalate	133	133	U
91-94-1	3,3'-Dichlorobenzidine	276	276	U
56-55-3	Benzo(a)anthracene	68.5	68.5	U
218-01-9	Chrysene	67.4	67.4	U
117-81-7	bis(2-Ethylhexyl)phthalate	132	**57.7**	JB
117-84-0	Di-n-octylphthalate	79.2	79.2	U
205-99-2	Benzo(b)fluoranthene	58.8	58.8	U
207-08-9	Benzo(k)fluoranthene	71.7	71.7	U
50-32-8	Benzo(a)pyrene	55.6	55.6	U
193-39-5	Indeno(1,2,3-cd)pyrene	61.0	61.0	U
53-70-3	Dibenzo(a,h)anthracene	61.0	61.0	U
191-24-2	Benzo(g,h,i)perylene	71.7	71.7	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-13

Client Sample ID: S-01E

Matrix: Soil

Type: Grab

Collected: 12/9/99 09.40

% Solids: 87.3%

Remarks: See case narrative

Analyzed: 12/17/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	49.9	68.4	
111-44-4	bis(2-Chloroethyl)ether	44.1	44.1	U
95-57-8	2-Chlorophenol	396	396	U
541-73-1	1,3-Dichlorobenzene	17.4	17.4	U
106-46-7	1,4-Dichlorobenzene	37.1	37.1	U
100-51-6	Benzyl alcohol	440	440	U
95-50-1	1,2-Dichlorobenzene	31.3	31.3	U
95-48-7	2-Methylphenol	39.4	**87.0**	
108-60-1	bis(2-Chloroisopropyl)ether	71.9	71.9	U
106-44-5	3,4-Methylphenol	41.8	**95.1**	
621-64-7	N-Nitroso-di-n-propylamine	94.0	94.0	U
67-72-1	Hexachloroethane	46.4	46.4	U
98-95-3	Nitrobenzene	30.2	30.2	U
78-59-1	Isophorone	51.0	51.0	U
88-75-5	2-Nitrophenol	242	242	U
105-67-9	2,4-Dimethylphenol	321	**139**	J
65-85-0	Benzoic acid	521	521	U
111-91-1	bis(2-Chloroethoxy)methane	34.8	34.8	U
120-83-2	2,4-Dichlorophenol	17.4	17.4	U
120-82-1	1,2,4-Trichlorobenzene	34.8	34.8	U
91-20-3	Naphthalene	30.2	30.2	U
106-47-8	4-Chloroaniline	124	124	U
87-68-3	Hexachlorobutadiene	49.9	49.9	U
59-50-7	4-Chloro-3-methylphenol	368	368	U
91-57-6	2-Methylnaphthalene	40.6	40.6	U
77-47-4	Hexachlorocyclopentadiene	675	675	U
88-06-2	2,4,6-Trichlorophenol	312	312	U
95-95-4	2,4,5-Trichlorophenol	284	284	U
91-58-7	2-Chloronaphthalene	26.7	26.7	U
88-74-4	2-Nitroaniline	309	309	U
131-11-3	Dimethyl phthalate	65.0	65.0	U
208-96-8	Acenaphthylene	33.6	33.6	U
606-20-2	2,6-Dinitrotoluene	305	305	U
99-09-2	3-Nitroaniline	159	159	U
83-32-9	Acenaphthene	33.6	33.6	U
51-28-5	2,4-Dinitrophenol	481	481	U
100-02-7	4-Nitrophenol	325	325	U
132-64-9	Dibenzofuran	39.4	39.4	U
121-14-2	2,4-Dinitrotoluene	312	312	U

Environmental Testing Laboratories, Inc.

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4660-13-continue

Client Sample ID: S-01E
Matrix: Soil
Type: Grab
Collected: 12/9/99 09.40
% Solids: 87.3%
Remarks: See case narrative

Analyzed: 12/17/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	98.6	98.6	U
7005-72-3	4-Chlorophenyl-phenyl ether	53.4	53.4	U
86-73-7	Fluorene	47.6	47.6	U
100-01-6	4-Nitroaniline	183	183	U
534-52-1	4,6-Dinitro-2-methylphenol	239	239	U
86-30-6	N-nitrosodiphenylamine	73.1	73.1	U
101-55-3	4-Bromophenyl-phenylether	66.1	66.1	U
118-74-1	Hexachlorobenzene	108	108	U
87-86-5	Pentachlorophenol	224	224	U
85-01-8	Phenanthrene	66.1	66.1	U
120-12-7	Anthracene	60.3	60.3	U
84-74-2	Di-n-butylphthalate	117	**71.9**	JB
206-44-0	Fluoranthene	78.9	78.9	U
129-00-0	Pyrene	80.0	80.0	U
85-68-7	Butylbenzylphthalate	144	144	U
91-94-1	3,3'-Dichlorobenzidine	299	299	U
56-55-3	Benzo(a)anthracene	74.2	74.2	U
218-01-9	Chrysene	73.1	73.1	U
117-81-7	bis(2-Ethylhexyl)phthalate	143	**191**	B
117-84-0	Di-n-octylphthalate	85.8	85.8	U
205-99-2	Benzo(b)fluoranthene	63.8	63.8	U
207-08-9	Benzo(k)fluoranthene	77.7	77.7	U
50-32-8	Benzo(a)pyrene	60.3	60.3	U
193-39-5	Indeno(1,2,3-cd)pyrene	66.1	66.1	U
53-70-3	Dibenzo(a,h)anthracene	66.1	66.1	U
191-24-2	Benzo(g,h,i)perylene	77.7	77.7	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4660-1
Client Sample ID: W-01
Matrix: Liquid
Remarks:

Collected: 12/9/99 13.00
Type: Grab

Analyzed: 12/16/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.080	0.080	U
11104-28-2	PCB 1221	0.030	0.030	U
11141-16-5	PCB 1232	0.11	0.11	U
53469-21-9	PCB 1242	0.020	0.020	U
12672-29-6	PCB 1248	0.090	0.090	U
11097-69-1	PCB 1254	0.040	0.040	U
11096-82-5	PCB 1260	0.080	0.080	U

Sample: J4660-2
Client Sample ID: S-04B
Matrix: Soil
Remarks:

Collected: 12/9/99 11.45
Type: Grab
% Solids: 83.3%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.54	4.54	U
11104-28-2	PCB 1221	19.3	19.3	U
11141-16-5	PCB 1232	10.2	10.2	U
53469-21-9	PCB 1242	4.28	4.28	U
12672-29-6	PCB 1248	9.71	9.71	U
11097-69-1	PCB 1254	2.26	2.26	U
11096-82-5	PCB 1260	6.43	6.43	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4660-3
Client Sample ID: S-04C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 12.00
% Solids: 64.9%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.46	4.46	U
11104-28-2	PCB 1221	19.0	19.0	U
11141-16-5	PCB 1232	10.1	10.1	U
53469-21-9	PCB 1242	4.21	4.21	U
12672-29-6	PCB 1248	9.55	9.55	U
11097-69-1	PCB 1254	2.22	2.22	U
11096-82-5	PCB 1260	6.32	6.32	U

Sample: J4660-4
Client Sample ID: S-04D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 12.20
% Solids: 82.5%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.46	4.46	U
11104-28-2	PCB 1221	19.0	19.0	U
11141-16-5	PCB 1232	10.1	10.1	U
53469-21-9	PCB 1242	4.21	4.21	U
12672-29-6	PCB 1248	9.55	9.55	U
11097-69-1	PCB 1254	2.22	2.22	U
11096-82-5	PCB 1260	6.32	6.32	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4660-5
Client Sample ID: S-04E
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 12.30
% Solids: 86.1%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.35	4.35	U
11104-28-2	PCB 1221	18.5	18.5	U
11141-16-5	PCB 1232	9.81	9.81	U
53469-21-9	PCB 1242	4.11	4.11	U
12672-29-6	PCB 1248	9.30	9.30	U
11097-69-1	PCB 1254	2.16	2.16	U
11096-82-5	PCB 1260	6.16	6.16	U

Sample: J4660-6
Client Sample ID: S-02A
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 10.15
% Solids: 82.1%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.42	4.42	U
11104-28-2	PCB 1221	18.8	18.8	U
11141-16-5	PCB 1232	9.98	9.98	U
53469-21-9	PCB 1242	4.18	4.18	U
12672-29-6	PCB 1248	9.47	9.47	U
11097-69-1	PCB 1254	2.20	2.20	U
11096-82-5	PCB 1260	6.27	6.27	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

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Sample: J4660-7
Client Sample ID: S-02B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.00
% Solids: 85.6%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.38	4.38	U
11104-28-2	PCB 1221	18.7	18.7	U
11141-16-5	PCB 1232	9.89	9.89	U
53469-21-9	PCB 1242	4.14	4.14	U
12672-29-6	PCB 1248	9.38	9.38	U
11097-69-1	PCB 1254	2.18	2.18	U
11096-82-5	PCB 1260	6.22	6.22	U

Sample: J4660-8
Client Sample ID: S-02C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.10
% Solids: 92.8%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.04	4.04	U
11104-28-2	PCB 1221	17.2	17.2	U
11141-16-5	PCB 1232	9.13	9.13	U
53469-21-9	PCB 1242	3.82	3.82	U
12672-29-6	PCB 1248	8.66	8.66	U
11097-69-1	PCB 1254	2.01	2.01	U
11096-82-5	PCB 1260	5.74	5.74	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4660-9
Client Sample ID: S-02D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.30
% Solids: 89.3%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.20	4.20	U
11104-28-2	PCB 1221	17.9	17.9	U
11141-16-5	PCB 1232	9.47	9.47	U
53469-21-9	PCB 1242	3.96	3.96	U
12672-29-6	PCB 1248	8.98	8.98	U
11097-69-1	PCB 1254	2.09	2.09	U
11096-82-5	PCB 1260	5.95	5.95	U

Sample: J4660-10
Client Sample ID: S-01B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.00
% Solids: 87.5%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.08	4.08	U
11104-28-2	PCB 1221	17.4	17.4	U
11141-16-5	PCB 1232	9.21	9.21	U
53469-21-9	PCB 1242	3.86	3.86	U
12672-29-6	PCB 1248	8.74	8.74	U
11097-69-1	PCB 1254	2.03	2.03	U
11096-82-5	PCB 1260	5.79	5.79	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4660-11
Client Sample ID: S-01C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.15
% Solids: 87.1%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.20	4.20	U
11104-28-2	PCB 1221	17.9	17.9	U
11141-16-5	PCB 1232	9.47	9.47	U
53469-21-9	PCB 1242	3.96	3.96	U
12672-29-6	PCB 1248	8.98	**2060**	
11097-69-1	PCB 1254	2.09	2.09	U
11096-82-5	PCB 1260	5.95	5.95	U

Sample: J4660-12
Client Sample ID: S-01D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.30
% Solids: 90.9%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.04	4.04	U
11104-28-2	PCB 1221	17.2	17.2	U
11141-16-5	PCB 1232	9.13	9.13	U
53469-21-9	PCB 1242	3.82	3.82	U
12672-29-6	PCB 1248	8.66	**1260**	
11097-69-1	PCB 1254	2.01	2.01	U
11096-82-5	PCB 1260	5.74	5.74	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4660-13
Client Sample ID: S-01E
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.40
% Solids: 87.3%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.20	4.20	U
11104-28-2	PCB 1221	17.9	17.9	U
11141-16-5	PCB 1232	9.47	9.47	U
53469-21-9	PCB 1242	3.96	3.96	U
12672-29-6	PCB 1248	8.98	8.98	U
11097-69-1	PCB 1254	2.09	2.09	U
11096-82-5	PCB 1260	5.95	5.95	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-1

Client Sample ID: W-01 Collected: 12/9/99 13.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/16/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	0.015	U
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.022	0.022	U
319-86-8	d-BHC	0.012	0.012	U
309-00-2	Aldrin	0.015	0.015	U
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	0.015	U
72-20-8	Endrin	0.017	0.017	U
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.017	0.017	U
50-29-3	4,4'-DDT	0.0050	0.0050	U
7421-36-3	Endrin aldehyde	0.0050	0.0050	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.012	0.012	U
5103-74-2	gamma-Chlordane	0.012	0.012	U
57-74-9	Chlordane	0.030	0.030	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0060	0.0060	U
53494-70-5	Endrin ketone	0.020	0.020	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-2
Client Sample ID: S-04B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 11.45
% Solids: 83.3%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.66	0.66	U
58-89-9	g-BHC (Lindane)	0.72	0.72	U
319-85-7	b-BHC	2.14	2.14	U
76-44-8	Heptachlor	0.90	0.90	U
319-86-8	d-BHC	1.63	1.63	U
309-00-2	Aldrin	0.72	0.72	U
1024-57-3	Heptachlor epoxide	0.89	0.89	U
959-98-8	Endosulfan I	0.61	0.61	U
72-55-9	4,4'-DDE	0.56	0.56	U
60-57-1	Dieldrin	0.49	0.49	U
72-20-8	Endrin	0.85	0.85	U
72-54-8	4,4'-DDD	0.58	0.58	U
33213-65-9	Endosulfan II	0.55	0.55	U
50-29-3	4,4'-DDT	2.02	2.02	U
7421-36-3	Endrin aldehyde	0.60	0.60	U
1031-07-8	Endosulfan sulfate	0.53	0.53	U
5103-71-9	alpha-Chlordane	0.64	0.64	U
5103-74-2	gamma-Chlordane	0.49	0.49	U
57-74-9	Chlordane	3.86	3.86	U
8001-35-2	Toxaphene	22.2	22.2	U
72-43-5	Methoxychlor	2.10	2.10	U
53494-70-5	Endrin ketone	0.67	0.67	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-3

Client Sample ID: S-04C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 12.00
% Solids: 64.9%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.83	0.83	U
58-89-9	g-BHC (Lindane)	0.91	0.91	U
319-85-7	b-BHC	2.69	2.69	U
76-44-8	Heptachlor	1.13	1.13	U
319-86-8	d-BHC	2.05	2.05	U
309-00-2	Aldrin	0.91	0.91	U
1024-57-3	Heptachlor epoxide	1.12	1.12	U
959-98-8	Endosulfan I	0.77	0.77	U
72-55-9	4,4'-DDE	0.71	0.71	U
60-57-1	Dieldrin	0.62	0.62	U
72-20-8	Endrin	1.07	1.07	U
72-54-8	4,4'-DDD	0.72	0.72	U
33213-65-9	Endosulfan II	0.69	0.69	U
50-29-3	4,4'-DDT	2.54	2.54	U
7421-36-3	Endrin aldehyde	0.75	0.75	U
1031-07-8	Endosulfan sulfate	0.66	0.66	U
5103-71-9	alpha-Chlordane	0.80	0.80	U
5103-74-2	gamma-Chlordane	0.62	0.62	U
57-74-9	Chlordane	4.86	4.86	U
8001-35-2	Toxaphene	27.9	27.9	U
72-43-5	Methoxychlor	2.64	2.64	U
53494-70-5	Endrin ketone	0.85	0.85	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-4
Client Sample ID: S-04D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 12.20
% Solids: 82.5%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.65	0.65	U
58-89-9	g-BHC (Lindane)	0.71	0.71	U
319-85-7	b-BHC	2.10	2.10	U
76-44-8	Heptachlor	0.88	0.88	U
319-86-8	d-BHC	1.60	1.60	U
309-00-2	Aldrin	0.71	0.71	U
1024-57-3	Heptachlor epoxide	0.87	0.87	U
959-98-8	Endosulfan I	0.60	0.60	U
72-55-9	4,4'-DDE	0.55	0.55	U
60-57-1	Dieldrin	0.48	0.48	U
72-20-8	Endrin	0.84	0.84	U
72-54-8	4,4'-DDD	0.57	0.57	U
33213-65-9	Endosulfan II	0.54	0.54	U
50-29-3	4,4'-DDT	1.98	1.98	U
7421-36-3	Endrin aldehyde	0.59	0.59	U
1031-07-8	Endosulfan sulfate	0.52	0.52	U
5103-71-9	alpha-Chlordane	0.63	0.63	U
5103-74-2	gamma-Chlordane	0.48	0.48	U
57-74-9	Chlordane	3.80	3.80	U
8001-35-2	Toxaphene	21.8	21.8	U
72-43-5	Methoxychlor	2.06	2.06	U
53494-70-5	Endrin ketone	0.66	0.66	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-5
Client Sample ID: S-04E
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 12.30
% Solids: 86.1%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.63	0.63	U
58-89-9	g-BHC (Lindane)	0.69	0.69	U
319-85-7	b-BHC	2.05	2.05	U
76-44-8	Heptachlor	0.86	0.86	U
319-86-8	d-BHC	1.56	1.56	U
309-00-2	Aldrin	0.69	0.69	U
1024-57-3	Heptachlor epoxide	0.85	0.85	U
959-98-8	Endosulfan I	0.59	0.59	U
72-55-9	4,4'-DDE	0.54	0.54	U
60-57-1	Dieldrin	0.47	0.47	U
72-20-8	Endrin	0.82	0.82	U
72-54-8	4,4'-DDD	0.55	0.55	U
33213-65-9	Endosulfan II	0.53	0.53	U
50-29-3	4,4'-DDT	1.93	1.93	U
7421-36-3	Endrin aldehyde	0.57	0.57	U
1031-07-8	Endosulfan sulfate	0.51	0.51	U
5103-71-9	alpha-Chlordane	0.61	0.61	U
5103-74-2	gamma-Chlordane	0.47	0.47	U
57-74-9	Chlordane	3.70	3.70	U
8001-35-2	Toxaphene	21.3	21.3	U
72-43-5	Methoxychlor	2.01	2.01	U
53494-70-5	Endrin ketone	0.64	0.64	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-6
Client Sample ID: S-02A
Matrix: Soil
Type: Grab
Collected: 12/9/99 10.15
% Solids: 82.1%
Remarks:

Analyzed: 12/21/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.64	0.64	U
58-89-9	g-BHC (Lindane)	0.70	0.70	U
319-85-7	b-BHC	2.08	2.08	U
76-44-8	Heptachlor	0.88	0.88	U
319-86-8	d-BHC	1.59	1.59	U
309-00-2	Aldrin	0.70	0.70	U
1024-57-3	Heptachlor epoxide	0.87	0.87	U
959-98-8	Endosulfan I	0.60	0.60	U
72-55-9	4,4'-DDE	0.55	0.55	U
60-57-1	Dieldrin	0.48	0.48	U
72-20-8	Endrin	0.83	0.83	U
72-54-8	4,4'-DDD	0.56	0.56	U
33213-65-9	Endosulfan II	0.54	0.54	U
50-29-3	4,4'-DDT	1.97	1.97	U
7421-36-3	Endrin aldehyde	0.58	0.58	U
1031-07-8	Endosulfan sulfate	0.51	0.51	U
5103-71-9	alpha-Chlordane	0.62	0.62	U
5103-74-2	gamma-Chlordane	0.48	0.48	U
57-74-9	Chlordane	3.77	3.77	U
8001-35-2	Toxaphene	21.6	21.6	U
72-43-5	Methoxychlor	2.05	2.05	U
53494-70-5	Endrin ketone	0.66	0.66	U

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12/29/99

ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-7

Client Sample ID: S-02B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.00
% Solids: 85.6%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.64	0.64	U
58-89-9	g-BHC (Lindane)	0.70	0.70	U
319-85-7	b-BHC	2.06	2.06	U
76-44-8	Heptachlor	0.87	0.87	U
319-86-8	d-BHC	1.58	1.58	U
309-00-2	Aldrin	0.70	0.70	U
1024-57-3	Heptachlor epoxide	0.86	0.86	U
959-98-8	Endosulfan I	0.59	0.59	U
72-55-9	4,4'-DDE	0.55	0.55	U
60-57-1	Dieldrin	0.48	0.48	U
72-20-8	Endrin	0.82	0.82	U
72-54-8	4,4'-DDD	0.56	0.56	U
33213-65-9	Endosulfan II	0.53	0.53	U
50-29-3	4,4'-DDT	1.95	1.95	U
7421-36-3	Endrin aldehyde	0.58	0.58	U
1031-07-8	Endosulfan sulfate	0.51	0.51	U
5103-71-9	alpha-Chlordane	0.61	0.61	U
5103-74-2	gamma-Chlordane	0.48	0.48	U
57-74-9	Chlordane	3.74	3.74	U
8001-35-2	Toxaphene	21.5	21.5	U
72-43-5	Methoxychlor	2.03	2.03	U
53494-70-5	Endrin ketone	0.65	0.65	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-8
Client Sample ID: S-02C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.10
% Solids: 92.8%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.59	0.59	U
58-89-9	g-BHC (Lindane)	0.64	0.64	U
319-85-7	b-BHC	1.90	1.90	U
76-44-8	Heptachlor	0.80	0.80	U
319-86-8	d-BHC	1.46	1.46	U
309-00-2	Aldrin	0.64	0.64	U
1024-57-3	Heptachlor epoxide	0.79	0.79	U
959-98-8	Endosulfan I	0.55	0.55	U
72-55-9	4,4'-DDE	0.50	0.50	U
60-57-1	Dieldrin	0.44	0.44	U
72-20-8	Endrin	0.76	0.76	U
72-54-8	4,4'-DDD	0.51	0.51	U
33213-65-9	Endosulfan II	0.49	0.49	U
50-29-3	4,4'-DDT	1.80	1.80	U
7421-36-3	Endrin aldehyde	0.54	0.54	U
1031-07-8	Endosulfan sulfate	0.47	0.47	U
5103-71-9	alpha-Chlordane	0.57	0.57	U
5103-74-2	gamma-Chlordane	0.44	0.44	U
57-74-9	Chlordane	3.45	3.45	U
8001-35-2	Toxaphene	19.8	19.8	U
72-43-5	Methoxychlor	1.87	1.87	U
53494-70-5	Endrin ketone	0.60	0.60	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-9
Client Sample ID: S-02D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.30
% Solids: 89.3%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.61	0.61	U
58-89-9	g-BHC (Lindane)	0.67	0.67	U
319-85-7	b-BHC	1.98	1.98	U
76-44-8	Heptachlor	0.83	0.83	U
319-86-8	d-BHC	1.51	1.51	U
309-00-2	Aldrin	0.67	0.67	U
1024-57-3	Heptachlor epoxide	0.82	0.82	U
959-98-8	Endosulfan I	0.57	0.57	U
72-55-9	4,4'-DDE	0.52	0.52	U
60-57-1	Dieldrin	0.46	0.46	U
72-20-8	Endrin	0.79	0.79	U
72-54-8	4,4'-DDD	0.53	0.53	U
33213-65-9	Endosulfan II	0.51	0.51	U
50-29-3	4,4'-DDT	1.86	1.86	U
7421-36-3	Endrin aldehyde	0.56	0.56	U
1031-07-8	Endosulfan sulfate	0.49	0.49	U
5103-71-9	alpha-Chlordane	0.59	0.59	U
5103-74-2	gamma-Chlordane	0.46	0.46	U
57-74-9	Chlordane	3.57	3.57	U
8001-35-2	Toxaphene	20.5	20.5	U
72-43-5	Methoxychlor	1.94	1.94	U
53494-70-5	Endrin ketone	0.62	0.62	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-10

Client Sample ID: S-01B
Matrix: Soil
Type: Grab
Collected: 12/9/99 09.00
% Solids: 87.5%
Remarks:

Analyzed: 12/21/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.59	0.59	U
58-89-9	g-BHC (Lindane)	0.65	0.65	U
319-85-7	b-BHC	1.92	1.92	U
76-44-8	Heptachlor	0.81	0.81	U
319-86-8	d-BHC	1.47	1.47	U
309-00-2	Aldrin	0.65	0.65	U
1024-57-3	Heptachlor epoxide	0.80	0.80	U
959-98-8	Endosulfan I	0.55	0.55	U
72-55-9	4,4'-DDE	0.51	0.51	U
60-57-1	Dieldrin	0.44	0.44	U
72-20-8	Endrin	0.77	0.77	U
72-54-8	4,4'-DDD	0.52	0.52	U
33213-65-9	Endosulfan II	0.50	0.50	U
50-29-3	4,4'-DDT	1.81	1.81	U
7421-36-3	Endrin aldehyde	0.54	0.54	U
1031-07-8	Endosulfan sulfate	0.48	0.48	U
5103-71-9	alpha-Chlordane	0.57	0.57	U
5103-74-2	gamma-Chlordane	0.44	0.44	U
57-74-9	Chlordane	3.48	3.48	U
8001-35-2	Toxaphene	20.0	20.0	U
72-43-5	Methoxychlor	1.89	1.89	U
53494-70-5	Endrin ketone	0.60	0.60	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-11
Client Sample ID: S-01C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.15
% Solids: 87.1%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.61	0.61	U
58-89-9	g-BHC (Lindane)	0.67	0.67	U
319-85-7	b-BHC	1.98	1.98	U
76-44-8	Heptachlor	0.83	0.83	U
319-86-8	d-BHC	1.51	1.51	U
309-00-2	Aldrin	0.67	0.67	U
1024-57-3	Heptachlor epoxide	0.82	0.82	U
959-98-8	Endosulfan I	0.57	0.57	U
72-55-9	4,4'-DDE	0.52	0.52	U
60-57-1	Dieldrin	0.46	0.46	U
72-20-8	Endrin	0.79	0.79	U
72-54-8	4,4'-DDD	0.53	0.53	U
33213-65-9	Endosulfan II	0.51	0.51	U
50-29-3	4,4'-DDT	1.86	1.86	U
7421-36-3	Endrin aldehyde	0.56	0.56	U
1031-07-8	Endosulfan sulfate	0.49	0.49	U
5103-71-9	alpha-Chlordane	0.59	0.59	U
5103-74-2	gamma-Chlordane	0.46	0.46	U
57-74-9	Chlordane	3.57	3.57	U
8001-35-2	Toxaphene	20.5	20.5	U
72-43-5	Methoxychlor	1.94	1.94	U
53494-70-5	Endrin ketone	0.62	0.62	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-12

Client Sample ID: S-01D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.30
% Solids: 90.9%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.59	0.59	U
58-89-9	g-BHC (Lindane)	0.64	0.64	U
319-85-7	b-BHC	1.90	1.90	U
76-44-8	Heptachlor	0.80	0.80	U
319-86-8	d-BHC	1.46	1.46	U
309-00-2	Aldrin	0.64	0.64	U
1024-57-3	Heptachlor epoxide	0.79	0.79	U
959-98-8	Endosulfan I	0.55	0.55	U
72-55-9	4,4'-DDE	0.50	0.50	U
60-57-1	Dieldrin	0.44	0.44	U
72-20-8	Endrin	0.76	0.76	U
72-54-8	4,4'-DDD	0.51	0.51	U
33213-65-9	Endosulfan II	0.49	0.49	U
50-29-3	4,4'-DDT	1.80	1.80	U
7421-36-3	Endrin aldehyde	0.54	0.54	U
1031-07-8	Endosulfan sulfate	0.47	0.47	U
5103-71-9	alpha-Chlordane	0.57	0.57	U
5103-74-2	gamma-Chlordane	0.44	0.44	U
57-74-9	Chlordane	3.45	3.45	U
8001-35-2	Toxaphene	19.8	19.8	U
72-43-5	Methoxychlor	1.87	1.87	U
53494-70-5	Endrin ketone	0.60	0.60	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4660-13
Client Sample ID: S-01E
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.40
% Solids: 87.3%

Analyzed: 12/21/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.61	0.61	U
58-89-9	g-BHC (Lindane)	0.67	0.67	U
319-85-7	b-BHC	1.98	1.98	U
76-44-8	Heptachlor	0.83	0.83	U
319-86-8	d-BHC	1.51	1.51	U
309-00-2	Aldrin	0.67	0.67	U
1024-57-3	Heptachlor epoxide	0.82	0.82	U
959-98-8	Endosulfan I	0.57	0.57	U
72-55-9	4,4'-DDE	0.52	0.52	U
60-57-1	Dieldrin	0.46	0.46	U
72-20-8	Endrin	0.79	0.79	U
72-54-8	4,4'-DDD	0.53	0.53	U
33213-65-9	Endosulfan II	0.51	0.51	U
50-29-3	4,4'-DDT	1.86	1.86	U
7421-36-3	Endrin aldehyde	0.56	0.56	U
1031-07-8	Endosulfan sulfate	0.49	0.49	U
5103-71-9	alpha-Chlordane	0.59	0.59	U
5103-74-2	gamma-Chlordane	0.46	0.46	U
57-74-9	Chlordane	3.57	3.57	U
8001-35-2	Toxaphene	20.5	20.5	U
72-43-5	Methoxychlor	1.94	1.94	U
53494-70-5	Endrin ketone	0.62	0.62	U

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ANALYSIS REPORT - METALS

Sample: J4660-1

Client Sample ID: W-01 Collected: 12/9/99 13.00

Matrix: Liquid Type: Grab

Remarks:

Analyzed: 12/14/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**221**	
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	0.0067	U
7440-39-3	Barium	0.11	**2.33**	
7440-41-7	Beryllium	0.0022	**0.021**	
7440-43-9	Cadmium	0.0033	**0.034**	
7440-70-2	Calcium	1.11	**144**	
7440-47-3	Chromium	0.0056	**1.16**	
7440-48-4	Cobalt	0.011	**294**	
7440-50-8	Copper	0.011	**0.72**	
7439-89-6	Iron	2.78	**1850**	
7439-92-1	Lead	0.0022	**0.32**	
7439-95-4	Magnesium	1.11	**139**	
7439-96-5	Manganese	0.011	**20.1**	
7439-97-6	Mercury	0.000050	**0.000030**	J
7440-02-0	Nickel	0.011	**0.74**	
7440-09-7	Potassium	1.11	**23.6**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	**0.024**	
7440-23-5	Sodium	1.11	**266**	
7440-28-0	Thallium	0.060	0.060	U
7440-62-2	Vanadium	0.011	**1.17**	
7440-66-6	Zinc	0.011	**1.87**	

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ANALYSIS REPORT - METALS

Sample: J4660-2

Client Sample ID: S-04B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 11.45
% Solids: 83.3%

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	18.5	**4920**	
7440-36-0	Antimony	1.20	1.20	U
7440-38-2	Arsenic	0.72	0.72	U
7440-39-3	Barium	12.0	**43.6**	
7440-41-7	Beryllium	0.24	**0.48**	
7440-43-9	Cadmium	0.36	**0.48**	
7440-70-2	Calcium	120	**1250**	
7440-47-3	Chromium	0.60	**10.8**	
7440-48-4	Cobalt	1.20	**6.24**	
7440-50-8	Copper	1.20	**8.40**	
7439-89-6	Iron	12.0	**10200**	
7439-92-1	Lead	0.24	**4.08**	
7439-95-4	Magnesium	120	**2090**	
7439-96-5	Manganese	1.20	**617**	
7439-97-6	Mercury	0.0100	**0.045**	
7440-02-0	Nickel	1.20	**17.5**	
7440-09-7	Potassium	120	**1180**	
7782-49-2	Selenium	0.60	0.60	U
7440-22-4	Silver	0.96	0.96	U
7440-23-5	Sodium	120	**1250**	
7440-28-0	Thallium	6.48	**3.60**	J
7440-62-2	Vanadium	1.20	**18.1**	
7440-66-6	Zinc	1.20	**36.6**	

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ANALYSIS REPORT - METALS

Sample: J4660-3

Client Sample ID: S-04C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 12.00
% Solids: 64.9%

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	23.7	**8980**	
7440-36-0	Antimony	1.54	1.54	U
7440-38-2	Arsenic	0.92	**2.00**	
7440-39-3	Barium	15.4	**69.8**	
7440-41-7	Beryllium	0.31	**0.62**	
7440-43-9	Cadmium	0.46	**0.46**	
7440-70-2	Calcium	154	**2290**	
7440-47-3	Chromium	0.77	**18.8**	
7440-48-4	Cobalt	1.54	**8.78**	
7440-50-8	Copper	1.54	**15.4**	
7439-89-6	Iron	15.4	**17000**	
7439-92-1	Lead	0.31	**1.54**	
7439-95-4	Magnesium	154	**4820**	
7439-96-5	Manganese	1.54	**296**	
7439-97-6	Mercury	0.014	**0.042**	
7440-02-0	Nickel	1.54	**18.9**	
7440-09-7	Potassium	154	**2370**	
7782-49-2	Selenium	0.77	0.77	U
7440-22-4	Silver	1.23	1.23	U
7440-23-5	Sodium	154	**146**	J
7440-28-0	Thallium	8.32	8.32	U
7440-62-2	Vanadium	1.54	**32.8**	
7440-66-6	Zinc	1.54	**49.3**	

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ANALYSIS REPORT - METALS

Sample: J4660-4

Client Sample ID: S-04D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 12.20
% Solids: 82.5%

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	18.6	**2740**	
7440-36-0	Antimony	1.21	1.21	U
7440-38-2	Arsenic	0.73	**1.97**	
7440-39-3	Barium	12.1	**23.0**	
7440-41-7	Beryllium	0.24	0.24	U
7440-43-9	Cadmium	0.36	**0.24**	J
7440-70-2	Calcium	121	**392**	
7440-47-3	Chromium	0.61	**6.41**	
7440-48-4	Cobalt	1.21	**3.75**	
7440-50-8	Copper	1.21	**8.71**	
7439-89-6	Iron	12.1	**6900**	
7439-92-1	Lead	0.24	**3.15**	
7439-95-4	Magnesium	121	**1550**	
7439-96-5	Manganese	1.21	**432**	
7439-97-6	Mercury	0.011	**0.033**	
7440-02-0	Nickel	1.21	**7.87**	
7440-09-7	Potassium	121	**443**	
7782-49-2	Selenium	0.61	0.61	U
7440-22-4	Silver	0.97	0.97	U
7440-23-5	Sodium	121	**538**	
7440-28-0	Thallium	6.53	**3.39**	J
7440-62-2	Vanadium	1.21	**9.56**	
7440-66-6	Zinc	1.21	**20.0**	

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ANALYSIS REPORT - METALS

Sample: J4660-5

Client Sample ID: S-04E

Collected: 12/9/99 12.30

Matrix: Soil

Type: Grab

% Solids: 86.1%

Remarks:

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.9	3280	
7440-36-0	Antimony	1.16	1.16	U
7440-38-2	Arsenic	0.70	4.41	
7440-39-3	Barium	11.6	30.5	
7440-41-7	Beryllium	0.23	0.46	
7440-43-9	Cadmium	0.35	0.58	
7440-70-2	Calcium	116	266	
7440-47-3	Chromium	0.58	16.0	
7440-48-4	Cobalt	1.16	7.54	
7440-50-8	Copper	1.16	14.7	
7439-89-6	Iron	11.6	2090	
7439-92-1	Lead	0.23	8.70	
7439-95-4	Magnesium	116	1310	
7439-96-5	Manganese	1.16	193	
7439-97-6	Mercury	0.0100	0.033	
7440-02-0	Nickel	1.16	10.3	
7440-09-7	Potassium	116	738	
7782-49-2	Selenium	0.58	0.58	U
7440-22-4	Silver	0.93	0.93	U
7440-23-5	Sodium	116	1210	
7440-28-0	Thallium	6.26	6.26	U
7440-62-2	Vanadium	1.16	31.2	
7440-66-6	Zinc	1.16	35.3	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4660-6
Client Sample ID: S-02A
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 10.15
% Solids: 82.1%

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	18.8	6320	
7440-36-0	Antimony	1.22	1.22	U
7440-38-2	Arsenic	0.73	18.8	
7440-39-3	Barium	12.2	261	
7440-41-7	Beryllium	0.24	0.37	
7440-43-9	Cadmium	0.37	4.64	
7440-70-2	Calcium	122	6160	
7440-47-3	Chromium	0.61	33.8	
7440-48-4	Cobalt	1.22	10.7	
7440-50-8	Copper	1.22	409	
7439-89-6	Iron	12.2	38400	
7439-92-1	Lead	0.24	2060	
7439-95-4	Magnesium	122	2140	
7439-96-5	Manganese	1.22	472	
7439-97-6	Mercury	0.011	2.35	
7440-02-0	Nickel	1.22	46.1	
7440-09-7	Potassium	122	894	
7782-49-2	Selenium	0.61	0.61	U
7440-22-4	Silver	0.98	0.98	U
7440-23-5	Sodium	122	122	U
7440-28-0	Thallium	6.59	0.61	J
7440-62-2	Vanadium	1.22	53.3	
7440-66-6	Zinc	1.22	672	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4660-7
Client Sample ID: S-02B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.00
% Solids: 85.6%

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	18.0	8390	
7440-36-0	Antimony	1.17	1.17	U
7440-38-2	Arsenic	0.70	3.63	
7440-39-3	Barium	11.7	46.7	
7440-41-7	Beryllium	0.23	0.47	
7440-43-9	Cadmium	0.35	0.58	
7440-70-2	Calcium	117	1990	
7440-47-3	Chromium	0.58	14.0	
7440-48-4	Cobalt	1.17	11.2	
7440-50-8	Copper	1.17	10.3	
7439-89-6	Iron	11.7	18500	
7439-92-1	Lead	0.23	28.8	
7439-95-4	Magnesium	117	2210	
7439-96-5	Manganese	1.17	1590	
7439-97-6	Mercury	0.0100	0.72	
7440-02-0	Nickel	1.17	10.4	
7440-09-7	Potassium	117	511	
7782-49-2	Selenium	0.58	0.58	U
7440-22-4	Silver	0.94	0.94	U
7440-23-5	Sodium	117	636	
7440-28-0	Thallium	6.32	14.6	
7440-62-2	Vanadium	1.17	21.8	
7440-66-6	Zinc	1.17	39.9	

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ANALYSIS REPORT - METALS

Sample: J4660-8

Client Sample ID: S-02C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.10
% Solids: 92.8%

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	16.6	**3260**	
7440-36-0	Antimony	1.08	1.08	U
7440-38-2	Arsenic	0.65	**0.32**	J
7440-39-3	Barium	10.8	**25.6**	
7440-41-7	Beryllium	0.22	**0.32**	
7440-43-9	Cadmium	0.32	**0.32**	
7440-70-2	Calcium	108	**606**	
7440-47-3	Chromium	0.54	**9.04**	
7440-48-4	Cobalt	1.08	**5.69**	
7440-50-8	Copper	1.08	**12.0**	
7439-89-6	Iron	10.8	**12500**	
7439-92-1	Lead	0.22	**4.75**	
7439-95-4	Magnesium	108	**1590**	
7439-96-5	Manganese	1.08	**199**	
7439-97-6	Mercury	0.0094	**0.0095**	
7440-02-0	Nickel	1.08	**8.96**	
7440-09-7	Potassium	108	**981**	
7782-49-2	Selenium	0.54	0.54	U
7440-22-4	Silver	0.86	0.86	U
7440-23-5	Sodium	108	**631**	
7440-28-0	Thallium	5.83	5.83	U
7440-62-2	Vanadium	1.08	**18.6**	
7440-66-6	Zinc	1.08	**29.4**	

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ANALYSIS REPORT - METALS

Sample: J4660-9

Client Sample ID: S-02D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.30
% Solids: 89.3%

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.2	**5500**	
7440-36-0	Antimony	1.12	1.12	U
7440-38-2	Arsenic	0.67	**3.58**	
7440-39-3	Barium	11.2	**45.6**	
7440-41-7	Beryllium	0.22	**0.45**	
7440-43-9	Cadmium	0.34	**0.56**	
7440-70-2	Calcium	112	**764**	
7440-47-3	Chromium	0.56	**19.0**	
7440-48-4	Cobalt	1.12	**7.95**	
7440-50-8	Copper	1.12	**15.1**	
7439-89-6	Iron	11.2	**21200**	
7439-92-1	Lead	0.22	**10.4**	
7439-95-4	Magnesium	112	**2950**	
7439-96-5	Manganese	1.12	**334**	
7439-97-6	Mercury	0.0098	**0.015**	
7440-02-0	Nickel	1.12	**13.7**	
7440-09-7	Potassium	112	**1800**	
7782-49-2	Selenium	0.56	0.56	U
7440-22-4	Silver	0.90	**6.72**	
7440-23-5	Sodium	112	**990**	
7440-28-0	Thallium	6.05	6.05	U
7440-62-2	Vanadium	1.12	**33.4**	
7440-66-6	Zinc	1.12	**46.3**	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4660-10

Client Sample ID: S-01B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.00
% Solids: 87.5%

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.6	**8220**	
7440-36-0	Antimony	1.14	1.14	U
7440-38-2	Arsenic	0.68	**2.74**	
7440-39-3	Barium	11.4	**35.6**	
7440-41-7	Beryllium	0.23	**0.46**	
7440-43-9	Cadmium	0.34	**0.34**	
7440-70-2	Calcium	114	**600**	
7440-47-3	Chromium	0.57	**14.6**	
7440-48-4	Cobalt	1.14	**7.64**	
7440-50-8	Copper	1.14	**9.35**	
7439-89-6	Iron	11.4	**14800**	
7439-92-1	Lead	0.23	**37.5**	
7439-95-4	Magnesium	114	**1940**	
7439-96-5	Manganese	1.14	**206**	
7439-97-6	Mercury	0.0100	**0.052**	
7440-02-0	Nickel	1.14	**21.7**	
7440-09-7	Potassium	114	**632**	
7782-49-2	Selenium	0.57	0.57	U
7440-22-4	Silver	0.91	0.91	U
7440-23-5	Sodium	114	114	U
7440-28-0	Thallium	6.16	6.16	U
7440-62-2	Vanadium	1.14	**23.5**	
7440-66-6	Zinc	1.14	**359**	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4660-11

Client Sample ID: S-01C
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.15
% Solids: 87.1%

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.7	51200	
7440-36-0	Antimony	1.15	1.15	U
7440-38-2	Arsenic	0.69	0.92	
7440-39-3	Barium	11.5	29.3	
7440-41-7	Beryllium	0.23	0.26	
7440-43-9	Cadmium	0.34	0.38	
7440-70-2	Calcium	115	223	
7440-47-3	Chromium	0.57	10.6	
7440-48-4	Cobalt	1.15	6.76	
7440-50-8	Copper	1.15	8.00	
7439-89-6	Iron	11.5	15300	
7439-92-1	Lead	0.23	6.00	
7439-95-4	Magnesium	115	2090	
7439-96-5	Manganese	1.15	382	
7439-97-6	Mercury	0.0100	0.014	
7440-02-0	Nickel	1.15	11.7	
7440-09-7	Potassium	115	967	
7782-49-2	Selenium	0.57	0.57	U
7440-22-4	Silver	0.92	0.92	U
7440-23-5	Sodium	115	920	
7440-28-0	Thallium	6.21	6.21	U
7440-62-2	Vanadium	1.15	19.9	
7440-66-6	Zinc	1.15	37.0	

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ANALYSIS REPORT - METALS

Sample: J4660-12

Client Sample ID: S-01D
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.30
% Solids: 90.9%

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	16.9	**4990**	
7440-36-0	Antimony	1.10	1.10	U
7440-38-2	Arsenic	0.66	**2.64**	
7440-39-3	Barium	11.0	**36.4**	
7440-41-7	Beryllium	0.22	**0.22**	
7440-43-9	Cadmium	0.33	**0.44**	
7440-70-2	Calcium	110	**459**	
7440-47-3	Chromium	0.55	**12.4**	
7440-48-4	Cobalt	1.10	**5.72**	
7440-50-8	Copper	1.10	**35.6**	
7439-89-6	Iron	11.0	**14200**	
7439-92-1	Lead	0.22	**38.2**	
7439-95-4	Magnesium	110	**1550**	
7439-96-5	Manganese	1.10	**189**	
7439-97-6	Mercury	0.0096	**0.57**	
7440-02-0	Nickel	1.10	**11.9**	
7440-09-7	Potassium	110	**1080**	
7782-49-2	Selenium	0.55	0.55	U
7440-22-4	Silver	0.88	0.88	U
7440-23-5	Sodium	110	**1210**	
7440-28-0	Thallium	5.94	5.94	U
7440-62-2	Vanadium	1.10	21.2	
7440-66-6	Zinc	1.10	70.7	

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ANALYSIS REPORT - METALS

Sample: J4660-13

Client Sample ID: S-01E
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/9/99 09.40
% Solids: 87.3%

Analyzed: 12/14/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.7	51200	
7440-36-0	Antimony	1.15	17.9	
7440-38-2	Arsenic	0.69	6.44	
7440-39-3	Barium	11.5	36.7	
7440-41-7	Beryllium	0.23	0.34	
7440-43-9	Cadmium	0.34	0.12	J
7440-70-2	Calcium	115	616	
7440-47-3	Chromium	0.57	23.2	
7440-48-4	Cobalt	1.15	7.01	
7440-50-8	Copper	1.15	20.0	
7439-89-6	Iron	11.5	20500	
7439-92-1	Lead	0.23	7.59	
7439-95-4	Magnesium	115	1820	
7439-96-5	Manganese	1.15	241	
7439-97-6	Mercury	0.0100	0.14	
7440-02-0	Nickel	1.15	9.89	
7440-09-7	Potassium	115	1530	
7782-49-2	Selenium	0.57	0.57	U
7440-22-4	Silver	0.92	40.4	
7440-23-5	Sodium	115	1170	
7440-28-0	Thallium	6.21	9.10	
7440-62-2	Vanadium	1.15	31.2	
7440-66-6	Zinc	1.15	29.1	

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12/29/99

ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4660-1
Client Sample ID: W-01 Collected: 12/9/99 13.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/16/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**0.52**	
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	0.0067	U
7440-39-3	Barium	0.11	**0.20**	
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	0.0033	U
7440-70-2	Calcium	1.11	**146**	
7440-47-3	Chromium	0.0056	**0.0030**	J
7440-48-4	Cobalt	0.011	**0.017**	
7440-50-8	Copper	0.011	0.011	U
7439-89-6	Iron	0.11	**3.73**	
7439-92-1	Lead	0.0022	**0.0020**	J
7439-95-4	Magnesium	1.11	**82.8**	
7439-96-5	Manganese	0.011	**12.2**	
7439-97-6	Mercury	0.000050	**0.000018**	J
7440-02-0	Nickel	0.011	**0.045**	
7440-09-7	Potassium	1.11	**17.5**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	**0.0020**	J
7440-23-5	Sodium	1.11	**440**	
7440-28-0	Thallium	0.060	**0.062**	
7440-62-2	Vanadium	0.011	0.011	U
7440-66-6	Zinc	0.011	**0.11**	

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12/29/99

ANALYSIS REPORT - WET LAB

Sample: J4660-1

Client Sample ID: W-01 Collected: 12/9/99 13.00

Matrix: Liquid Type: Grab

Remarks:

Analyzed	Parameter	MDL	Result	Q	Units
12/15/99	Cyanide	0.0060	0.0060	U	ppm

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12/29/99

CASE NARRATIVE

EPA8270

Sample #1-13: Bis(2-ethylhexyl)phthalate and di-n-butyl phthalate, which were found in the blanks associated with these samples, are common laboratory contaminants.

8260

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone
2-Butanone
4-Methyl,2-pentanone
2-Hexanone

M&P-Xylenes were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 10, 20, 50, 100 and 150 ppb levels.

Samples were quantitated using the continuing calibration standard response factor as opposed to the initial calibration average response factor.

Sample J4660-6 was analyzed twice with both sets of data indicating a poor recovery of the internal standard 1,4-Dichlorobenzene-d4.

Matrix interference was proven to cause the low response of this internal standard.

Sample J4660-9 contained Isopropylbenzene and p-Ethyltoluene at concentrations slightly above the upper calibration limit. These compounds were diluted out of the required high level dilution re-analysis.

Reviewed by: Peggy Lago

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12/29/99

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is a non-detect.

J - Indicates an estimated value. The concentration was detected lower than the Contract Required Detection Limit, but greater than the Method Detection Limit.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag identifies all compounds identified in an analysis at a secondary dilution.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - entered when the analyte was analyzed for, but not detected.

Q - qualifier specific entries and their meanings are as follows:

E - the reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
NR - when the analyte is not required to be analyzed.
P - ICP
T - Titrimetric

ETL
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208 Route 109 • Farmingdale • New York 11735
516-249-1456 • Fax: 516-249-8344

CHAIN OF CUSTODY DOCUMENT

J 4660

Project Name: North First Street | Project Manager: Ed Schmetz
Project Address: North First Street
Client: Con Ed | J/N: | ☐ Rush by / /
Sampler (Signature): (Print):

SAMPLE INFO Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank; Matrix: L = Liquid; S = Soil; SL = Sludge; A* = Air; W = Wipe; *Air - Vol. (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH	VOCs	SVOCs	TAL Metals Filtered	TAL Metals Unfiltered	TAL Metals Cyanide
1	12/9/99	1300	G	L	W-01	10					✓					✓	✓	✓	✓	✓	✓
2	12/10/99	1145	G	S	S-04B	1					✓					✓	✓			✓	
3	12/10/99	1200	G	S	S-04C	1					✓					✓	✓			✓	
4	12/10/99	1220	G	S	S-04D	1					✓					✓	✓			✓	
5	12/10/99	1230	G	S	S-04E	1					✓					✓	✓			✓	
6	12/10/99	1015	G	S	S-02A	1					✓					✓	✓			✓	
7	12/10/99	0900	G	S	S-02B	1					✓					✓	✓			✓	
8	12/10/99	0910	G	S	S-02C	1					✓					✓	✓			✓	
9	12/10/99	0930	G	S	S-02D	1					✓					✓	✓			✓	
10	12/9/99	0900	G	S	S-01B	1					✓					✓	✓			✓	
11	12/9/99	0915	G	S	S-01C	1					✓					✓	✓			✓	
12	12/9/99	0930	G	S	S-01D	1					✓					✓	✓			✓	
13	12/9/99	0940	G	S	S-01E	1					✓					✓	✓			✓	
14																					
15																					

John Murphy Meyer 12/10/99 1830

OFFICE COPY

Relinquished by (Signature): John Murphy Meyer	Date 12/10/99 Time 1830	Printed Name & Agent:	Received by (Signature):	Date Time	Printed Name & Agent
Relinquished by (Signature):	Date Time	Printed Name & Agent:	Received for Lab by (Signature):	Date 12/11/99 Time 1000	Printed Name: C. Lippert
Comments & Special Instructions		QA/QC Type:	Number & Type of Containers: 12-8 oz. 2-500 P HNO3 HCl 5	Preservatives:	Temp: 5°

Environmental Testing Laboratories, Inc.

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12/13/99

Custody Document J4656
Received: 12/2/99 12:00
Sampled by: N/A

Project: Con Ed North First Street

Manager: Ed Schwetz

Respectfully submitted,
Environmental Testing Laboratories,Inc.

Assistant Laboratory Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
VA Cert. # 108
CA Cert. # 2253
NH Cert. # 252592-BA
MA Cert. # NY061
RI Cert. # 161
PA Cert. # 68-535

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12/13/99

ANALYSIS REPORT - EPA 8260

Sample: J4656-1
Client Sample ID: MW-4 Collected: 11/30/99 13.15
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.29	0.29	U
75-45-6	Chlorodifluoromethane	0.11	0.11	U
74-87-3	Chloromethane	0.32	0.32	U
75-01-4	Vinyl Chloride	0.25	**2.10**	
74-83-9	Bromomethane	0.12	0.12	U
75-00-3	Chloroethane	0.30	**11.4**	
75-69-4	Trichlorofluoromethane	0.16	0.16	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.20	0.20	U
75-35-4	1,1-Dichloroethene	0.18	0.18	U
67-64-1	Acetone	29.6	**958**	
75-15-0	Carbon disulfide	0.31	0.31	U
75-09-2	Methylene Chloride	0.41	**10.4**	
156-60-5	t-1,2-Dichloroethene	0.22	**1.10**	
1634-04-4	Methyl t-butyl ether	0.28	**3.50**	
75-34-3	1,1-Dichloroethane	0.14	**18.8**	
590-20-7	2,2-Dichloropropane	0.18	0.18	U
156-59-2	c-1,2-Dichloroethene	0.30	**14.9**	
78-93-3	2-Butanone	2.50	**52.9**	
74-97-5	Bromochloromethane	0.32	0.32	U
67-66-3	Chloroform	0.15	0.15	U
71-55-6	1,1,1-Trichloroethane	0.20	0.20	U
56-23-5	Carbon Tetrachloride	0.18	0.18	U
563-58-6	1,1-Dichloropropene	0.67	0.67	U
71-43-2	Benzene	0.10	**32.0**	
107-06-2	1,2-Dichloroethane	0.20	0.20	U
79-01-6	Trichloroethene	0.20	0.20	U
78-87-5	1,2-Dichloropropane	0.16	0.16	U
74-95-3	Dibromomethane	0.18	0.18	U
75-27-4	Bromodichloromethane	0.13	0.13	U
110-75-8	2-Chloroethylvinylether	0.36	0.36	U
10061-01-5	c-1,3-Dichloropropene	0.15	0.15	U
108-10-1	4-Methyl-2-pentanone	10.0	**222**	
108-88-3	Toluene	150	**17800**	
10061-02-6	t-1,3-Dichloropropene	0.15	0.15	U
79-00-5	1,1,2-Trichloroethane	0.20	0.20	U
127-18-4	Tetrachloroethene	0.11	0.11	U
142-28-9	1,3-Dichloropropane	0.16	0.16	U
591-78-6	2-Hexanone	0.40	0.40	U
124-48-1	Dibromochloromethane	0.14	0.14	U

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ANALYSIS REPORT - EPA 8260

Sample: J4656-1-continue
Client Sample ID: MW-4 Collected: 11/30/99 13.15
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.23	0.23	U
108-90-7	Chlorobenzene	0.11	0.11	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	0.35	U
100-41-4	Ethylbenzene	190	**3620**	
108-38-3	m,p-xylene	280	**14800**	
95-47-6	o-xylene	160	**4110**	
100-42-5	Styrene	0.23	0.23	U
75-25-2	Bromoform	0.090	0.090	U
98-82-8	Isopropylbenzene	0.26	**9.10**	
108-86-1	Bromobenzene	0.27	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	0.22	0.22	U
103-65-1	n-Propylbenzene	0.21	**3.30**	
96-18-4	1,2,3-Trichloropropane	0.62	0.62	U
622-96-8	p-Ethyltoluene	0.16	**13.4**	
108-67-8	1,3,5-Trimethylbenzene	0.34	**4.50**	
95-49-8	2-Chlorotoluene	0.21	0.21	U
106-43-4	4-Chlorotoluene	0.36	0.36	U
98-06-6	tert-Butylbenzene	0.37	0.37	U
95-63-6	1,2,4-Trimethylbenzene	0.22	**12.6**	
135-98-8	sec-Butylbenzene	0.28	0.28	U
99-87-6	4-Isopropyltoluene	0.24	0.24	U
541-73-1	1,3-Dichlorobenzene	0.13	0.13	U
106-46-7	1,4-Dichlorobenzene	0.080	0.080	U
95-50-1	1,2-Dichlorobenzene	0.14	**2.50**	
105-05-5	p-Diethylbenzene	0.18	0.18	U
104-51-8	n-Butylbenzene	0.12	0.12	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.53	0.53	U
120-82-1	1,2,4-Trichlorobenzene	0.19	0.19	U
87-68-3	Hexachlorobutadiene	0.33	0.33	U
91-20-3	Naphthalene	0.19	0.19	U
87-61-6	1,2,3-Trichlorobenzene	0.23	0.23	U

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Sample: J4656-2MS
Client Sample ID: MW-4, MS
Matrix: Liquid
Remarks: See case narrative

Collected: 11/30/99 13.15
Type: Matrix Spike

Analyzed: 12/3/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.29	0.29	U
75-45-6	Chlorodifluoromethane	0.11	0.11	U
74-87-3	Chloromethane	0.32	0.32	U
75-01-4	Vinyl Chloride	0.25	0.25	U
74-83-9	Bromomethane	0.12	0.12	U
75-00-3	Chloroethane	0.30	**10.6**	
75-69-4	Trichlorofluoromethane	0.16	0.16	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.20	0.20	U
75-35-4	1,1-Dichloroethene	0.18	**48.9**	
67-64-1	Acetone	1.48	**959**	E
75-15-0	Carbon disulfide	0.31	0.31	U
75-09-2	Methylene Chloride	0.41	**10.2**	
156-60-5	t-1,2-Dichloroethene	0.22	**0.94**	
1634-04-4	Methyl t-butyl ether	0.28	**3.30**	
75-34-3	1,1-Dichloroethane	0.14	**17.8**	
590-20-7	2,2-Dichloropropane	0.18	0.18	U
156-59-2	c-1,2-Dichloroethene	0.30	**14.9**	
78-93-3	2-Butanone	2.50	**54.2**	
74-97-5	Bromochloromethane	0.32	0.32	U
67-66-3	Chloroform	0.15	0.15	U
71-55-6	1,1,1-Trichloroethane	0.20	0.20	U
56-23-5	Carbon Tetrachloride	0.18	0.18	U
563-58-6	1,1-Dichloropropene	0.67	0.67	U
71-43-2	Benzene	0.10	**79.1**	
107-06-2	1,2-Dichloroethane	0.20	0.20	U
79-01-6	Trichloroethene	0.20	**50.7**	
78-87-5	1,2-Dichloropropane	0.16	0.16	U
74-95-3	Dibromomethane	0.18	0.18	U
75-27-4	Bromodichloromethane	0.13	0.13	U
110-75-8	2-Chloroethylvinylether	0.36	0.36	U
10061-01-5	c-1,3-Dichloropropene	0.15	0.15	U
108-10-1	4-Methyl-2-pentanone	0.50	**225**	E
108-88-3	Toluene	150	**65700**	
10061-02-6	t-1,3-Dichloropropene	0.15	0.15	U
79-00-5	1,1,2-Trichloroethane	0.20	0.20	U
127-18-4	Tetrachloroethene	0.11	0.11	U
142-28-9	1,3-Dichloropropane	0.16	0.16	U
591-78-6	2-Hexanone	0.40	0.40	U
124-48-1	Dibromochloromethane	0.14	0.14	U

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ANALYSIS REPORT - EPA 8260

Sample: J4656-2MS-continue
Client Sample ID: MW-4, MS
Matrix: Liquid
Remarks: See case narrative

Collected: 11/30/99 13.15
Type: Matrix Spike

Analyzed: 12/3/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.23	0.23	U
108-90-7	Chlorobenzene	0.11	**47.3**	
630-20-6	1,1,1,2-Tetrachloroethane	0.35	0.35	U
100-41-4	Ethylbenzene	190	**3740**	
108-38-3	m,p-xylene	280	**14900**	
95-47-6	o-xylene	160	**4060**	
100-42-5	Styrene	0.23	0.23	U
75-25-2	Bromoform	0.090	0.090	U
98-82-8	Isopropylbenzene	0.26	**9.10**	
108-86-1	Bromobenzene	0.27	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	0.22	0.22	U
103-65-1	n-Propylbenzene	0.21	**2.90**	
96-18-4	1,2,3-Trichloropropane	0.62	0.62	U
622-96-8	p-Ethyltoluene	0.16	**13.0**	
108-67-8	1,3,5-Trimethylbenzene	0.34	**3.70**	
95-49-8	2-Chlorotoluene	0.21	0.21	U
106-43-4	4-Chlorotoluene	0.36	0.36	U
98-06-6	tert-Butylbenzene	0.37	0.37	U
95-63-6	1,2,4-Trimethylbenzene	0.22	**12.5**	
135-98-8	sec-Butylbenzene	0.28	0.28	U
99-87-6	4-Isopropyltoluene	0.24	0.24	U
541-73-1	1,3-Dichlorobenzene	0.13	0.13	U
106-46-7	1,4-Dichlorobenzene	0.080	0.080	U
95-50-1	1,2-Dichlorobenzene	0.14	**2.50**	
105-05-5	p-Diethylbenzene	0.18	0.18	U
104-51-8	n-Butylbenzene	0.12	0.12	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.53	0.53	U
120-82-1	1,2,4-Trichlorobenzene	0.19	0.19	U
87-68-3	Hexachlorobutadiene	0.33	0.33	U
91-20-3	Naphthalene	0.19	0.19	U
87-61-6	1,2,3-Trichlorobenzene	0.23	0.23	U

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Sample: J4656-4-continue
Client Sample ID: MW-2 Collected: 11/30/99 11.00
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.23	0.23	U
108-90-7	Chlorobenzene	0.11	0.11	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	0.35	U
100-41-4	Ethylbenzene	0.19	0.19	U
108-38-3	m,p-xylene	0.28	0.28	U
95-47-6	o-xylene	0.16	0.16	U
100-42-5	Styrene	0.23	0.23	U
75-25-2	Bromoform	0.090	0.090	U
98-82-8	Isopropylbenzene	0.26	0.26	U
108-86-1	Bromobenzene	0.27	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	0.22	0.22	U
103-65-1	n-Propylbenzene	0.21	0.21	U
96-18-4	1,2,3-Trichloropropane	0.62	0.62	U
622-96-8	p-Ethyltoluene	0.16	0.16	U
108-67-8	1,3,5-Trimethylbenzene	0.34	0.34	U
95-49-8	2-Chlorotoluene	0.21	0.21	U
106-43-4	4-Chlorotoluene	0.36	0.36	U
98-06-6	tert-Butylbenzene	0.37	0.37	U
95-63-6	1,2,4-Trimethylbenzene	0.22	0.22	U
135-98-8	sec-Butylbenzene	0.28	0.28	U
99-87-6	4-Isopropyltoluene	0.24	0.24	U
541-73-1	1,3-Dichlorobenzene	0.13	0.13	U
106-46-7	1,4-Dichlorobenzene	0.080	0.080	U
95-50-1	1,2-Dichlorobenzene	0.14	0.14	U
105-05-5	p-Diethylbenzene	0.18	0.18	U
104-51-8	n-Butylbenzene	0.12	0.12	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.53	0.53	U
120-82-1	1,2,4-Trichlorobenzene	0.19	0.19	U
87-68-3	Hexachlorobutadiene	0.33	0.33	U
91-20-3	Naphthalene	0.19	0.19	U
87-61-6	1,2,3-Trichlorobenzene	0.23	0.23	U

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ANALYSIS REPORT - EPA 8260

Sample: J4656-5

Client Sample ID: MW-1 Collected: 11/30/99 10.00

Matrix: Liquid Type: Grab

Remarks: See case narrative

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.29	0.29	U
75-45-6	Chlorodifluoromethane	0.11	0.11	U
74-87-3	Chloromethane	0.32	0.32	U
75-01-4	Vinyl Chloride	0.25	0.25	U
74-83-9	Bromomethane	0.12	0.12	U
75-00-3	Chloroethane	0.30	0.30	U
75-69-4	Trichlorofluoromethane	0.16	0.16	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.20	0.20	U
75-35-4	1,1-Dichloroethene	0.18	0.18	U
67-64-1	Acetone	1.48	1.48	U
75-15-0	Carbon disulfide	0.31	0.31	U
75-09-2	Methylene Chloride	0.41	0.41	U
156-60-5	t-1,2-Dichloroethene	0.22	0.22	U
1634-04-4	Methyl t-butyl ether	0.28	0.28	U
75-34-3	1,1-Dichloroethane	0.14	0.14	U
590-20-7	2,2-Dichloropropane	0.18	0.18	U
156-59-2	c-1,2-Dichloroethene	0.30	0.30	U
78-93-3	2-Butanone	2.50	2.50	U
74-97-5	Bromochloromethane	0.32	0.32	U
67-66-3	Chloroform	0.15	0.15	U
71-55-6	1,1,1-Trichloroethane	0.20	0.20	U
56-23-5	Carbon Tetrachloride	0.18	0.18	U
563-58-6	1,1-Dichloropropene	0.67	0.67	U
71-43-2	Benzene	0.10	0.10	U
107-06-2	1,2-Dichloroethane	0.20	0.20	U
79-01-6	Trichloroethene	0.20	0.20	U
78-87-5	1,2-Dichloropropane	0.16	0.16	U
74-95-3	Dibromomethane	0.18	0.18	U
75-27-4	Bromodichloromethane	0.13	0.13	U
110-75-8	2-Chloroethylvinylether	0.36	0.36	U
10061-01-5	c-1,3-Dichloropropene	0.15	0.15	U
108-10-1	4-Methyl-2-pentanone	0.50	0.50	U
108-88-3	Toluene	0.15	0.15	U
10061-02-6	t-1,3-Dichloropropene	0.15	0.15	U
79-00-5	1,1,2-Trichloroethane	0.20	0.20	U
127-18-4	Tetrachloroethene	0.11	0.11	U
142-28-9	1,3-Dichloropropane	0.16	0.16	U
591-78-6	2-Hexanone	0.40	0.40	U
124-48-1	Dibromochloromethane	0.14	0.14	U

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Sample: J4656-5-continue

Client Sample ID: MW-1 Collected: 11/30/99 10.00

Matrix: Liquid Type: Grab

Remarks: See case narrative

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.23	0.23	U
108-90-7	Chlorobenzene	0.11	0.11	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	0.35	U
100-41-4	Ethylbenzene	0.19	0.19	U
108-38-3	m,p-xylene	0.28	0.28	U
95-47-6	o-xylene	0.16	0.16	U
100-42-5	Styrene	0.23	0.23	U
75-25-2	Bromoform	0.090	0.090	U
98-82-8	Isopropylbenzene	0.26	0.26	U
108-86-1	Bromobenzene	0.27	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	0.22	0.22	U
103-65-1	n-Propylbenzene	0.21	0.21	U
96-18-4	1,2,3-Trichloropropane	0.62	0.62	U
622-96-8	p-Ethyltoluene	0.16	0.16	U
108-67-8	1,3,5-Trimethylbenzene	0.34	0.34	U
95-49-8	2-Chlorotoluene	0.21	0.21	U
106-43-4	4-Chlorotoluene	0.36	0.36	U
98-06-6	tert-Butylbenzene	0.37	0.37	U
95-63-6	1,2,4-Trimethylbenzene	0.22	0.22	U
135-98-8	sec-Butylbenzene	0.28	0.28	U
99-87-6	4-Isopropyltoluene	0.24	0.24	U
541-73-1	1,3-Dichlorobenzene	0.13	0.13	U
106-46-7	1,4-Dichlorobenzene	0.080	0.080	U
95-50-1	1,2-Dichlorobenzene	0.14	0.14	U
105-05-5	p-Diethylbenzene	0.18	0.18	U
104-51-8	n-Butylbenzene	0.12	0.12	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.53	0.53	U
120-82-1	1,2,4-Trichlorobenzene	0.19	0.19	U
87-68-3	Hexachlorobutadiene	0.33	0.33	U
91-20-3	Naphthalene	0.19	0.19	U
87-61-6	1,2,3-Trichlorobenzene	0.23	0.23	U

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ANALYSIS REPORT - EPA 8260

Sample: J4656-6
Client Sample ID: MW-5
Matrix: Liquid
Remarks: See case narrative

Collected: 11/30/99 15.00
Type: Grab

Analyzed: 12/3/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.29	0.29	U
75-45-6	Chlorodifluoromethane	0.11	0.11	U
74-87-3	Chloromethane	0.32	0.32	U
75-01-4	Vinyl Chloride	0.25	0.25	U
74-83-9	Bromomethane	0.12	0.12	U
75-00-3	Chloroethane	0.30	**9.10**	
75-69-4	Trichlorofluoromethane	0.16	0.16	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.20	0.20	U
75-35-4	1,1-Dichloroethene	0.18	0.18	U
67-64-1	Acetone	29.6	**936**	
75-15-0	Carbon disulfide	0.31	0.31	U
75-09-2	Methylene Chloride	0.41	**9.00**	
156-60-5	t-1,2-Dichloroethene	0.22	**0.91**	
1634-04-4	Methyl t-butyl ether	0.28	**3.40**	
75-34-3	1,1-Dichloroethane	0.14	**16.2**	
590-20-7	2,2-Dichloropropane	0.18	0.18	U
156-59-2	c-1,2-Dichloroethene	0.30	**14.6**	
78-93-3	2-Butanone	2.50	**54.3**	
74-97-5	Bromochloromethane	0.32	0.32	U
67-66-3	Chloroform	0.15	0.15	U
71-55-6	1,1,1-Trichloroethane	0.20	0.20	U
56-23-5	Carbon Tetrachloride	0.18	0.18	U
563-58-6	1,1-Dichloropropene	0.67	0.67	U
71-43-2	Benzene	0.10	**28.4**	
107-06-2	1,2-Dichloroethane	0.20	0.20	U
79-01-6	Trichloroethene	0.20	0.20	U
78-87-5	1,2-Dichloropropane	0.16	0.16	U
74-95-3	Dibromomethane	0.18	0.18	U
75-27-4	Bromodichloromethane	0.13	0.13	U
110-75-8	2-Chloroethylvinylether	0.36	0.36	U
10061-01-5	c-1,3-Dichloropropene	0.15	0.15	U
108-10-1	4-Methyl-2-pentanone	10.0	**222**	
108-88-3	Toluene	150	**15500**	
10061-02-6	t-1,3-Dichloropropene	0.15	0.15	U
79-00-5	1,1,2-Trichloroethane	0.20	0.20	U
127-18-4	Tetrachloroethene	0.11	0.11	U
142-28-9	1,3-Dichloropropane	0.16	0.16	U
591-78-6	2-Hexanone	0.40	0.40	U
124-48-1	Dibromochloromethane	0.14	0.14	U

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ANALYSIS REPORT - EPA 8260

Sample: J4656-6-continue

Client Sample ID: MW-5 Collected: 11/30/99 15.00
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.23	0.23	U
108-90-7	Chlorobenzene	0.11	0.11	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	0.35	U
100-41-4	Ethylbenzene	190	**3070**	
108-38-3	m,p-xylene	280	**12800**	
95-47-6	o-xylene	160	**3630**	
100-42-5	Styrene	0.23	0.23	U
75-25-2	Bromoform	0.090	0.090	U
98-82-8	Isopropylbenzene	0.26	**7.80**	
108-86-1	Bromobenzene	0.27	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	0.22	0.22	U
103-65-1	n-Propylbenzene	0.21	**2.60**	
96-18-4	1,2,3-Trichloropropane	0.62	0.62	U
622-96-8	p-Ethyltoluene	0.16	**11.6**	
108-67-8	1,3,5-Trimethylbenzene	0.34	**4.00**	
95-49-8	2-Chlorotoluene	0.21	0.21	U
106-43-4	4-Chlorotoluene	0.36	0.36	U
98-06-6	tert-Butylbenzene	0.37	0.37	U
95-63-6	1,2,4-Trimethylbenzene	0.22	**11.6**	
135-98-8	sec-Butylbenzene	0.28	0.28	U
99-87-6	4-Isopropyltoluene	0.24	0.24	U
541-73-1	1,3-Dichlorobenzene	0.13	0.13	U
106-46-7	1,4-Dichlorobenzene	0.080	0.080	U
95-50-1	1,2-Dichlorobenzene	0.14	**2.70**	
105-05-5	p-Diethylbenzene	0.18	0.18	U
104-51-8	n-Butylbenzene	0.12	0.12	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.53	0.53	U
120-82-1	1,2,4-Trichlorobenzene	0.19	0.19	U
87-68-3	Hexachlorobutadiene	0.33	0.33	U
91-20-3	Naphthalene	0.19	0.19	U
87-61-6	1,2,3-Trichlorobenzene	0.23	0.23	U

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ANALYSIS REPORT - EPA 8260

Sample: J4656-7

Client Sample ID: TB-1 Collected: 11/30/99

Matrix: Liquid Type: Blank

Remarks: See case narrative

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.29	0.29	U
75-45-6	Chlorodifluoromethane	0.11	0.11	U
74-87-3	Chloromethane	0.32	0.32	U
75-01-4	Vinyl Chloride	0.25	0.25	U
74-83-9	Bromomethane	0.12	0.12	U
75-00-3	Chloroethane	0.30	0.30	U
75-69-4	Trichlorofluoromethane	0.16	0.16	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.20	0.20	U
75-35-4	1,1-Dichloroethene	0.18	0.18	U
67-64-1	Acetone	1.48	1.48	U
75-15-0	Carbon disulfide	0.31	0.31	U
75-09-2	Methylene Chloride	0.41	0.41	U
156-60-5	t-1,2-Dichloroethene	0.22	0.22	U
1634-04-4	Methyl t-butyl ether	0.28	0.28	U
75-34-3	1,1-Dichloroethane	0.14	0.14	U
590-20-7	2,2-Dichloropropane	0.18	0.18	U
156-59-2	c-1,2-Dichloroethene	0.30	0.30	U
78-93-3	2-Butanone	2.50	2.50	U
74-97-5	Bromochloromethane	0.32	0.32	U
67-66-3	Chloroform	0.15	0.15	U
71-55-6	1,1,1-Trichloroethane	0.20	0.20	U
56-23-5	Carbon Tetrachloride	0.18	0.18	U
563-58-6	1,1-Dichloropropene	0.67	0.67	U
71-43-2	Benzene	0.10	0.10	U
107-06-2	1,2-Dichloroethane	0.20	0.20	U
79-01-6	Trichloroethene	0.20	0.20	U
78-87-5	1,2-Dichloropropane	0.16	0.16	U
74-95-3	Dibromomethane	0.18	0.18	U
75-27-4	Bromodichloromethane	0.13	0.13	U
110-75-8	2-Chloroethylvinylether	0.36	0.36	U
10061-01-5	c-1,3-Dichloropropene	0.15	0.15	U
108-10-1	4-Methyl-2-pentanone	0.50	0.50	U
108-88-3	Toluene	0.15	0.15	U
10061-02-6	t-1,3-Dichloropropene	0.15	0.15	U
79-00-5	1,1,2-Trichloroethane	0.20	0.20	U
127-18-4	Tetrachloroethene	0.11	0.11	U
142-28-9	1,3-Dichloropropane	0.16	0.16	U
591-78-6	2-Hexanone	0.40	0.40	U
124-48-1	Dibromochloromethane	0.14	0.14	U

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ANALYSIS REPORT - EPA 8260

Sample: J4656-7-continue
Client Sample ID: TB-1 Collected: 11/30/99
Matrix: Liquid Type: Blank
Remarks: See case narrative

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.23	0.23	U
108-90-7	Chlorobenzene	0.11	0.11	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	0.35	U
100-41-4	Ethylbenzene	0.19	0.19	U
108-38-3	m,p-xylene	0.28	0.28	U
95-47-6	o-xylene	0.16	0.16	U
100-42-5	Styrene	0.23	0.23	U
75-25-2	Bromoform	0.090	0.090	U
98-82-8	Isopropylbenzene	0.26	0.26	U
108-86-1	Bromobenzene	0.27	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	0.22	0.22	U
103-65-1	n-Propylbenzene	0.21	0.21	U
96-18-4	1,2,3-Trichloropropane	0.62	0.62	U
622-96-8	p-Ethyltoluene	0.16	0.16	U
108-67-8	1,3,5-Trimethylbenzene	0.34	0.34	U
95-49-8	2-Chlorotoluene	0.21	0.21	U
106-43-4	4-Chlorotoluene	0.36	0.36	U
98-06-6	tert-Butylbenzene	0.37	0.37	U
95-63-6	1,2,4-Trimethylbenzene	0.22	0.22	U
135-98-8	sec-Butylbenzene	0.28	0.28	U
99-87-6	4-Isopropyltoluene	0.24	0.24	U
541-73-1	1,3-Dichlorobenzene	0.13	0.13	U
106-46-7	1,4-Dichlorobenzene	0.080	0.080	U
95-50-1	1,2-Dichlorobenzene	0.14	0.14	U
105-05-5	p-Diethylbenzene	0.18	0.18	U
104-51-8	n-Butylbenzene	0.12	0.12	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.53	0.53	U
120-82-1	1,2,4-Trichlorobenzene	0.19	0.19	U
87-68-3	Hexachlorobutadiene	0.33	0.33	U
91-20-3	Naphthalene	0.19	0.19	U
87-61-6	1,2,3-Trichlorobenzene	0.23	0.23	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-1
Client Sample ID: MW-4 Collected: 11/30/99 13.15
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	1.53	1.53	U
111-44-4	bis(2-Chloroethyl)ether	1.53	1.53	U
95-57-8	2-Chlorophenol	1.22	1.22	U
541-73-1	1,3-Dichlorobenzene	1.50	1.50	U
106-46-7	1,4-Dichlorobenzene	1.48	1.48	U
100-51-6	Benzyl alcohol	1.38	1.38	U
95-50-1	1,2-Dichlorobenzene	1.51	1.30	J
95-48-7	2-Methylphenol	1.70	1.70	U
108-60-1	bis(2-Chloroisopropyl)ether	0.86	0.86	U
106-44-5	3,4-Methylphenol	1.55	1.55	U
621-64-7	N-Nitroso-di-n-propylamine	1.84	1.84	U
67-72-1	Hexachloroethane	1.87	1.87	U
98-95-3	Nitrobenzene	1.74	1.74	U
78-59-1	Isophorone	1.88	1.88	U
88-75-5	2-Nitrophenol	1.55	1.55	U
105-67-9	2,4-Dimethylphenol	1.92	1.92	U
65-85-0	Benzoic acid	10.3	11.6	
111-91-1	bis(2-Chloroethoxy)methane	2.10	2.10	U
120-83-2	2,4-Dichlorophenol	1.49	1.49	U
120-82-1	1,2,4-Trichlorobenzene	0.54	0.54	U
91-20-3	Naphthalene	1.78	1.78	U
106-47-8	4-Chloroaniline	1.45	1.45	U
87-68-3	Hexachlorobutadiene	10.0	10.0	U
59-50-7	4-Chloro-3-methylphenol	1.53	1.53	U
91-57-6	2-Methylnaphthalene	1.85	1.85	U
77-47-4	Hexachlorocyclopentadiene	4.66	4.66	U
88-06-2	2,4,6-Trichlorophenol	1.51	1.51	U
95-95-4	2,4,5-Trichlorophenol	1.68	1.68	U
91-58-7	2-Chloronaphthalene	1.76	1.76	U
88-74-4	2-Nitroaniline	2.24	2.24	U
131-11-3	Dimethyl phthalate	3.98	3.98	U
208-96-8	Acenaphthylene	2.25	2.25	U
606-20-2	2,6-Dinitrotoluene	1.85	1.85	U
99-09-2	3-Nitroaniline	1.55	1.55	U
83-32-9	Acenaphthene	1.78	1.78	U
51-28-5	2,4-Dinitrophenol	9.62	9.62	U
100-02-7	4-Nitrophenol	5.00	5.00	U
132-64-9	Dibenzofuran	2.10	2.10	U
121-14-2	2,4-Dinitrotoluene	1.94	1.94	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-1-continue
Client Sample ID: MW-4
Matrix: Liquid
Remarks: See case narrative

Collected: 11/30/99 13.15
Type: Grab

Analyzed: 12/3/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.51	2.51	U
7005-72-3	4-Chlorophenyl-phenyl ether	2.13	2.13	U
86-73-7	Fluorene	2.16	2.16	U
100-01-6	4-Nitroaniline	1.43	1.43	U
534-52-1	4,6-Dinitro-2-methylphenol	10.2	10.2	U
86-30-6	N-nitrosodiphenylamine	1.96	1.96	U
101-55-3	4-Bromophenyl-phenylether	2.03	2.03	U
118-74-1	Hexachlorobenzene	2.27	2.27	U
87-86-5	Pentachlorophenol	50.0	50.0	U
85-01-8	Phenanthrene	1.98	1.98	U
120-12-7	Anthracene	1.78	1.78	U
84-74-2	Di-n-butylphthalate	2.38	**0.77**	J
206-44-0	Fluoranthene	2.22	2.22	U
129-00-0	Pyrene	2.00	2.00	U
85-68-7	Butylbenzylphthalate	3.43	3.43	U
91-94-1	3,3'-Dichlorobenzidine	2.56	2.56	U
56-55-3	Benzo(a)anthracene	1.87	1.87	U
218-01-9	Chrysene	2.16	2.16	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.93	**2.10**	
117-84-0	Di-n-octylphthalate	2.87	2.87	U
205-99-2	Benzo(b)fluoranthene	1.80	1.80	U
207-08-9	Benzo(k)fluoranthene	2.10	2.10	U
50-32-8	Benzo(a)pyrene	1.91	1.91	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.12	2.12	U
53-70-3	Dibenzo(a,h)anthracene	2.13	2.13	U
191-24-2	Benzo(g,h,i)perylene	2.34	2.34	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-2MS
Client Sample ID: MW-4, MS
Matrix: Liquid
Remarks: See case narrative

Collected: 11/30/99 13.15
Type: Matrix Spike

Analyzed: 12/3/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	1.53	**0.47**	J
111-44-4	bis(2-Chloroethyl)ether	1.53	1.53	U
95-57-8	2-Chlorophenol	1.22	**0.71**	J
541-73-1	1,3-Dichlorobenzene	1.50	1.50	U
106-46-7	1,4-Dichlorobenzene	1.48	**28.1**	
100-51-6	Benzyl alcohol	1.38	1.38	U
95-50-1	1,2-Dichlorobenzene	1.51	**1.60**	
95-48-7	2-Methylphenol	1.70	1.70	U
108-60-1	bis(2-Chloroisopropyl)ether	0.86	0.86	U
106-44-5	3,4-Methylphenol	1.55	1.55	U
621-64-7	N-Nitroso-di-n-propylamine	1.84	**32.0**	
67-72-1	Hexachloroethane	1.87	1.87	U
98-95-3	Nitrobenzene	1.74	1.74	U
78-59-1	Isophorone	1.88	1.88	U
88-75-5	2-Nitrophenol	1.55	1.55	U
105-67-9	2,4-Dimethylphenol	1.92	1.92	U
65-85-0	Benzoic acid	10.3	**13.3**	
111-91-1	bis(2-Chloroethoxy)methane	2.10	2.10	U
120-83-2	2,4-Dichlorophenol	1.49	1.49	U
120-82-1	1,2,4-Trichlorobenzene	0.54	**30.3**	
91-20-3	Naphthalene	1.78	1.78	U
106-47-8	4-Chloroaniline	1.45	**1.45**	U
87-68-3	Hexachlorobutadiene	10.0	10.0	U
59-50-7	4-Chloro-3-methylphenol	1.53	**0.87**	J
91-57-6	2-Methylnaphthalene	1.85	1.85	U
77-47-4	Hexachlorocyclopentadiene	4.66	4.66	U
88-06-2	2,4,6-Trichlorophenol	1.51	1.51	U
95-95-4	2,4,5-Trichlorophenol	1.68	1.68	U
91-58-7	2-Chloronaphthalene	1.76	1.76	U
88-74-4	2-Nitroaniline	2.24	2.24	U
131-11-3	Dimethyl phthalate	3.98	3.98	U
208-96-8	Acenaphthylene	2.25	2.25	U
606-20-2	2,6-Dinitrotoluene	1.85	1.85	U
99-09-2	3-Nitroaniline	1.55	1.55	U
83-32-9	Acenaphthene	1.78	**34.2**	
51-28-5	2,4-Dinitrophenol	9.62	**2.10**	J
100-02-7	4-Nitrophenol	5.00	**11.2**	
132-64-9	Dibenzofuran	2.10	2.10	U
121-14-2	2,4-Dinitrotoluene	1.94	**33.3**	

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-2MS-continue
Client Sample ID: MW-4, MS
Matrix: Liquid
Remarks: See case narrative

Collected: 11/30/99 13.15
Type: Matrix Spike

Analyzed: 12/3/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.51	2.51	U
7005-72-3	4-Chlorophenyl-phenyl ether	2.13	2.13	U
86-73-7	Fluorene	2.16	2.16	U
100-01-6	4-Nitroaniline	1.43	1.43	U
534-52-1	4,6-Dinitro-2-methylphenol	10.2	10.2	U
86-30-6	N-nitrosodiphenylamine	1.96	1.96	U
101-55-3	4-Bromophenyl-phenylether	2.03	2.03	U
118-74-1	Hexachlorobenzene	2.27	2.27	U
87-86-5	Pentachlorophenol	50.0	**10.7**	J
85-01-8	Phenanthrene	1.98	1.98	U
120-12-7	Anthracene	1.78	1.78	U
84-74-2	Di-n-butylphthalate	2.38	**28.4**	
206-44-0	Fluoranthene	2.22	2.22	U
129-00-0	Pyrene	2.00	**32.6**	
85-68-7	Butylbenzylphthalate	3.43	3.43	U
91-94-1	3,3'-Dichlorobenzidine	2.56	2.56	U
56-55-3	Benzo(a)anthracene	1.87	1.87	U
218-01-9	Chrysene	2.16	2.16	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.93	1.10	
117-84-0	Di-n-octylphthalate	2.87	2.87	U
205-99-2	Benzo(b)fluoranthene	1.80	1.80	U
207-08-9	Benzo(k)fluoranthene	2.10	2.10	U
50-32-8	Benzo(a)pyrene	1.91	1.91	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.12	2.12	U
53-70-3	Dibenzo(a,h)anthracene	2.13	2.13	U
191-24-2	Benzo(g,h,i)perylene	2.34	2.34	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-3MSD
Client Sample ID: MW-4, MSD
Matrix: Liquid
Remarks: See case narrative

Collected: 11/30/99 13.15
Type: Matrix Spike Du

Analyzed: 12/3/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	0.32	**0.49**	
111-44-4	bis(2-Chloroethyl)ether	0.57	0.57	U
95-57-8	2-Chlorophenol	1.03	**0.66**	J
541-73-1	1,3-Dichlorobenzene	1.21	1.21	U
106-46-7	1,4-Dichlorobenzene	1.18	**24.6**	
100-51-6	Benzyl alcohol	1.54	1.54	U
95-50-1	1,2-Dichlorobenzene	1.17	**1.40**	
95-48-7	2-Methylphenol	1.24	1.24	U
108-60-1	bis(2-Chloroisopropyl)ether	0.87	0.87	U
106-44-5	3,4-Methylphenol	2.16	2.16	U
621-64-7	N-Nitroso-di-n-propylamine	1.09	**27.7**	
67-72-1	Hexachloroethane	1.83	1.83	U
98-95-3	Nitrobenzene	1.20	1.20	U
78-59-1	Isophorone	0.94	0.94	U
88-75-5	2-Nitrophenol	1.43	1.43	U
105-67-9	2,4-Dimethylphenol	1.08	1.08	U
65-85-0	Benzoic acid	2.49	**12.1**	
111-91-1	bis(2-Chloroethoxy)methane	0.81	0.81	U
120-83-2	2,4-Dichlorophenol	1.08	1.08	U
120-82-1	1,2,4-Trichlorobenzene	1.07	**26.9**	
91-20-3	Naphthalene	1.04	1.04	U
106-47-8	4-Chloroaniline	0.70	0.70	U
87-68-3	Hexachlorobutadiene	1.63	1.63	U
59-50-7	4-Chloro-3-methylphenol	1.03	**0.90**	J
91-57-6	2-Methylnaphthalene	0.86	0.86	U
77-47-4	Hexachlorocyclopentadiene	2.16	2.16	U
88-06-2	2,4,6-Trichlorophenol	0.85	0.85	U
95-95-4	2,4,5-Trichlorophenol	0.92	0.92	U
91-58-7	2-Chloronaphthalene	1.07	1.07	U
88-74-4	2-Nitroaniline	1.12	1.12	U
131-11-3	Dimethyl phthalate	3.56	3.56	U
208-96-8	Acenaphthylene	1.00	1.00	U
606-20-2	2,6-Dinitrotoluene	0.84	0.84	U
99-09-2	3-Nitroaniline	0.69	0.69	U
83-32-9	Acenaphthene	0.96	**31.2**	
51-28-5	2,4-Dinitrophenol	4.64	**2.00**	J
100-02-7	4-Nitrophenol	1.91	**13.6**	
132-64-9	Dibenzofuran	0.67	0.67	U
121-14-2	2,4-Dinitrotoluene	1.02	**30.3**	

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-3MSD-continue
Client Sample ID: MW-4, MSD
Matrix: Liquid
Remarks: See case narrative

Collected: 11/30/99 13.15
Type: Matrix Spike Du

Analyzed: 12/3/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.58	2.58	U
7005-72-3	4-Chlorophenyl-phenyl ether	0.68	0.68	U
86-73-7	Fluorene	0.84	0.84	U
100-01-6	4-Nitroaniline	0.85	0.85	U
534-52-1	4,6-Dinitro-2-methylphenol	2.54	2.54	U
86-30-6	N-nitrosodiphenylamine	0.57	0.57	U
101-55-3	4-Bromophenyl-phenylether	0.50	0.50	U
118-74-1	Hexachlorobenzene	0.82	0.82	U
87-86-5	Pentachlorophenol	2.24	**10.1**	
85-01-8	Phenanthrene	0.64	0.64	U
120-12-7	Anthracene	0.71	0.71	U
84-74-2	Di-n-butylphthalate	2.90	**21.0**	
206-44-0	Fluoranthene	0.85	0.85	U
129-00-0	Pyrene	0.65	**28.7**	
85-68-7	Butylbenzylphthalate	2.90	2.90	U
91-94-1	3,3'-Dichlorobenzidine	0.68	0.68	U
56-55-3	Benzo(a)anthracene	0.62	0.62	U
218-01-9	Chrysene	1.09	1.09	U
117-81-7	bis(2-Ethylhexyl)phthalate	1.05	**1.10**	
117-84-0	Di-n-octylphthalate	0.84	0.84	U
205-99-2	Benzo(b)fluoranthene	2.52	2.52	U
207-08-9	Benzo(k)fluoranthene	2.00	2.00	U
50-32-8	Benzo(a)pyrene	0.81	0.81	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.67	0.67	U
53-70-3	Dibenzo(a,h)anthracene	0.69	0.69	U
191-24-2	Benzo(g,h,i)perylene	0.65	0.65	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-4

Client Sample ID: MW-2 Collected: 11/30/99 11.00

Matrix: Liquid Type: Grab

Remarks:

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	1.53	1.53	U
111-44-4	bis(2-Chloroethyl)ether	1.53	1.53	U
95-57-8	2-Chlorophenol	1.22	1.22	U
541-73-1	1,3-Dichlorobenzene	1.50	1.50	U
106-46-7	1,4-Dichlorobenzene	1.48	1.48	U
100-51-6	Benzyl alcohol	1.38	1.38	U
95-50-1	1,2-Dichlorobenzene	1.51	1.51	U
95-48-7	2-Methylphenol	1.70	1.70	U
108-60-1	bis(2-Chloroisopropyl)ether	0.86	0.86	U
106-44-5	3,4-Methylphenol	1.55	1.55	U
621-64-7	N-Nitroso-di-n-propylamine	1.84	1.84	U
67-72-1	Hexachloroethane	1.87	1.87	U
98-95-3	Nitrobenzene	1.74	1.74	U
78-59-1	Isophorone	1.88	1.88	U
88-75-5	2-Nitrophenol	1.55	1.55	U
105-67-9	2,4-Dimethylphenol	1.92	1.92	U
65-85-0	Benzoic acid	10.3	10.3	U
111-91-1	bis(2-Chloroethoxy)methane	2.10	2.10	U
120-83-2	2,4-Dichlorophenol	1.49	1.49	U
120-82-1	1,2,4-Trichlorobenzene	0.54	0.54	U
91-20-3	Naphthalene	1.78	1.78	U
106-47-8	4-Chloroaniline	1.45	1.45	U
87-68-3	Hexachlorobutadiene	10.0	10.0	U
59-50-7	4-Chloro-3-methylphenol	1.53	1.53	U
91-57-6	2-Methylnaphthalene	1.85	1.85	U
77-47-4	Hexachlorocyclopentadiene	4.66	4.66	U
88-06-2	2,4,6-Trichlorophenol	1.51	1.51	U
95-95-4	2,4,5-Trichlorophenol	1.68	1.68	U
91-58-7	2-Chloronaphthalene	1.76	1.76	U
88-74-4	2-Nitroaniline	2.24	2.24	U
131-11-3	Dimethyl phthalate	3.98	3.98	U
208-96-8	Acenaphthylene	2.25	2.25	U
606-20-2	2,6-Dinitrotoluene	1.85	1.85	U
99-09-2	3-Nitroaniline	1.55	1.55	U
83-32-9	Acenaphthene	1.78	1.78	U
51-28-5	2,4-Dinitrophenol	9.62	9.62	U
100-02-7	4-Nitrophenol	5.00	5.00	U
132-64-9	Dibenzofuran	2.10	2.10	U
121-14-2	2,4-Dinitrotoluene	1.94	1.94	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-4-continue
Client Sample ID: MW-2 Collected: 11/30/99 11.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.51	2.51	U
7005-72-3	4-Chlorophenyl-phenyl ether	2.13	2.13	U
86-73-7	Fluorene	2.16	2.16	U
100-01-6	4-Nitroaniline	1.43	1.43	U
534-52-1	4,6-Dinitro-2-methylphenol	10.2	10.2	U
86-30-6	N-nitrosodiphenylamine	1.96	1.96	U
101-55-3	4-Bromophenyl-phenylether	2.03	2.03	U
118-74-1	Hexachlorobenzene	2.27	2.27	U
87-86-5	Pentachlorophenol	50.0	50.0	U
85-01-8	Phenanthrene	1.98	1.98	U
120-12-7	Anthracene	1.78	1.78	U
84-74-2	Di-n-butylphthalate	2.38	2.38	U
206-44-0	Fluoranthene	2.22	2.22	U
129-00-0	Pyrene	2.00	2.00	U
85-68-7	Butylbenzylphthalate	3.43	3.43	U
91-94-1	3,3'-Dichlorobenzidine	2.56	2.56	U
56-55-3	Benzo(a)anthracene	1.87	1.87	U
218-01-9	Chrysene	2.16	2.16	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.93	**4.30**	
117-84-0	Di-n-octylphthalate	2.87	2.87	U
205-99-2	Benzo(b)fluoranthene	1.80	1.80	U
207-08-9	Benzo(k)fluoranthene	2.10	2.10	U
50-32-8	Benzo(a)pyrene	1.91	1.91	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.12	2.12	U
53-70-3	Dibenzo(a,h)anthracene	2.13	2.13	U
191-24-2	Benzo(g,h,i)perylene	2.34	2.34	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-5
Client Sample ID: MW-1
Matrix: Liquid
Remarks:

Collected: 11/30/99 10.00
Type: Grab

Analyzed: 12/3/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	1.53	1.53	U
111-44-4	bis(2-Chloroethyl)ether	1.53	1.53	U
95-57-8	2-Chlorophenol	1.22	1.22	U
541-73-1	1,3-Dichlorobenzene	1.50	1.50	U
106-46-7	1,4-Dichlorobenzene	1.48	1.48	U
100-51-6	Benzyl alcohol	1.38	1.38	U
95-50-1	1,2-Dichlorobenzene	1.51	1.51	U
95-48-7	2-Methylphenol	1.70	1.70	U
108-60-1	bis(2-Chloroisopropyl)ether	0.86	0.86	U
106-44-5	3,4-Methylphenol	1.55	1.55	U
621-64-7	N-Nitroso-di-n-propylamine	1.84	1.84	U
67-72-1	Hexachloroethane	1.87	1.87	U
98-95-3	Nitrobenzene	1.74	1.74	U
78-59-1	Isophorone	1.88	1.88	U
88-75-5	2-Nitrophenol	1.55	1.55	U
105-67-9	2,4-Dimethylphenol	1.92	1.92	U
65-85-0	Benzoic acid	10.3	10.3	U
111-91-1	bis(2-Chloroethoxy)methane	2.10	2.10	U
120-83-2	2,4-Dichlorophenol	1.49	1.49	U
120-82-1	1,2,4-Trichlorobenzene	0.54	0.54	U
91-20-3	Naphthalene	1.78	1.78	U
106-47-8	4-Chloroaniline	1.45	1.45	U
87-68-3	Hexachlorobutadiene	10.0	10.0	U
59-50-7	4-Chloro-3-methylphenol	1.53	1.53	U
91-57-6	2-Methylnaphthalene	1.85	1.85	U
77-47-4	Hexachlorocyclopentadiene	4.66	4.66	U
88-06-2	2,4,6-Trichlorophenol	1.51	1.51	U
95-95-4	2,4,5-Trichlorophenol	1.68	1.68	U
91-58-7	2-Chloronaphthalene	1.76	1.76	U
88-74-4	2-Nitroaniline	2.24	2.24	U
131-11-3	Dimethyl phthalate	3.98	3.98	U
208-96-8	Acenaphthylene	2.25	2.25	U
606-20-2	2,6-Dinitrotoluene	1.85	1.85	U
99-09-2	3-Nitroaniline	1.55	1.55	U
83-32-9	Acenaphthene	1.78	**2.80**	
51-28-5	2,4-Dinitrophenol	9.62	9.62	U
100-02-7	4-Nitrophenol	5.00	5.00	U
132-64-9	Dibenzofuran	2.10	2.10	U
121-14-2	2,4-Dinitrotoluene	1.94	1.94	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-5-continue

Client Sample ID: MW-1 Collected: 11/30/99 10.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.51	2.51	U
7005-72-3	4-Chlorophenyl-phenyl ether	2.13	2.13	U
86-73-7	Fluorene	2.16	2.16	U
100-01-6	4-Nitroaniline	1.43	1.43	U
534-52-1	4,6-Dinitro-2-methylphenol	10.2	10.2	U
86-30-6	N-nitrosodiphenylamine	1.96	1.96	U
101-55-3	4-Bromophenyl-phenylether	2.03	2.03	U
118-74-1	Hexachlorobenzene	2.27	2.27	U
87-86-5	Pentachlorophenol	50.0	50.0	U
85-01-8	Phenanthrene	1.98	1.98	U
120-12-7	Anthracene	1.78	1.78	U
84-74-2	Di-n-butylphthalate	2.38	**0.90**	J
206-44-0	Fluoranthene	2.22	2.22	U
129-00-0	Pyrene	2.00	2.00	U
85-68-7	Butylbenzylphthalate	3.43	3.43	U
91-94-1	3,3'-Dichlorobenzidine	2.56	2.56	U
56-55-3	Benzo(a)anthracene	1.87	1.87	U
218-01-9	Chrysene	2.16	2.16	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.93	**0.55**	J
117-84-0	Di-n-octylphthalate	2.87	2.87	U
205-99-2	Benzo(b)fluoranthene	1.80	1.80	U
207-08-9	Benzo(k)fluoranthene	2.10	2.10	U
50-32-8	Benzo(a)pyrene	1.91	1.91	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.12	2.12	U
53-70-3	Dibenzo(a,h)anthracene	2.13	2.13	U
191-24-2	Benzo(g,h,i)perylene	2.34	2.34	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-6
Client Sample ID: MW-5 Collected: 11/30/99 15.00
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	1.53	1.53	U
111-44-4	bis(2-Chloroethyl)ether	1.53	1.53	U
95-57-8	2-Chlorophenol	1.22	1.22	U
541-73-1	1,3-Dichlorobenzene	1.50	1.50	U
106-46-7	1,4-Dichlorobenzene	1.48	1.48	U
100-51-6	Benzyl alcohol	1.38	1.38	U
95-50-1	1,2-Dichlorobenzene	1.51	**1.50**	J
95-48-7	2-Methylphenol	1.70	1.70	U
108-60-1	bis(2-Chloroisopropyl)ether	0.86	0.86	U
106-44-5	3,4-Methylphenol	1.55	1.55	U
621-64-7	N-Nitroso-di-n-propylamine	1.84	1.84	U
67-72-1	Hexachloroethane	1.87	1.87	U
98-95-3	Nitrobenzene	1.74	1.74	U
78-59-1	Isophorone	1.88	1.88	U
88-75-5	2-Nitrophenol	1.55	1.55	U
105-67-9	2,4-Dimethylphenol	1.92	1.92	U
65-85-0	Benzoic acid	10.3	**8.60**	J
111-91-1	bis(2-Chloroethoxy)methane	2.10	2.10	U
120-83-2	2,4-Dichlorophenol	1.49	1.49	U
120-82-1	1,2,4-Trichlorobenzene	0.54	0.54	U
91-20-3	Naphthalene	1.78	1.78	U
106-47-8	4-Chloroaniline	1.45	1.45	U
87-68-3	Hexachlorobutadiene	10.0	10.0	U
59-50-7	4-Chloro-3-methylphenol	1.53	1.53	U
91-57-6	2-Methylnaphthalene	1.85	1.85	U
77-47-4	Hexachlorocyclopentadiene	4.66	4.66	U
88-06-2	2,4,6-Trichlorophenol	1.51	1.51	U
95-95-4	2,4,5-Trichlorophenol	1.68	1.68	U
91-58-7	2-Chloronaphthalene	1.76	1.76	U
88-74-4	2-Nitroaniline	2.24	2.24	U
131-11-3	Dimethyl phthalate	3.98	3.98	U
208-96-8	Acenaphthylene	2.25	2.25	U
606-20-2	2,6-Dinitrotoluene	1.85	1.85	U
99-09-2	3-Nitroaniline	1.55	1.55	U
83-32-9	Acenaphthene	1.78	1.78	U
51-28-5	2,4-Dinitrophenol	9.62	9.62	U
100-02-7	4-Nitrophenol	5.00	5.00	U
132-64-9	Dibenzofuran	2.10	2.10	U
121-14-2	2,4-Dinitrotoluene	1.94	1.94	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4656-6-continue

Client Sample ID: MW-5 Collected: 11/30/99 15.00
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/3/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.51	2.51	U
7005-72-3	4-Chlorophenyl-phenyl ether	2.13	2.13	U
86-73-7	Fluorene	2.16	2.16	U
100-01-6	4-Nitroaniline	1.43	1.43	U
534-52-1	4,6-Dinitro-2-methylphenol	10.2	10.2	U
86-30-6	N-nitrosodiphenylamine	1.96	1.96	U
101-55-3	4-Bromophenyl-phenylether	2.03	2.03	U
118-74-1	Hexachlorobenzene	2.27	2.27	U
87-86-5	Pentachlorophenol	50.0	50.0	U
85-01-8	Phenanthrene	1.98	1.98	U
120-12-7	Anthracene	1.78	1.78	U
84-74-2	Di-n-butylphthalate	2.38	**0.94**	J
206-44-0	Fluoranthene	2.22	2.22	U
129-00-0	Pyrene	2.00	2.00	U
85-68-7	Butylbenzylphthalate	3.43	3.43	U
91-94-1	3,3'-Dichlorobenzidine	2.56	2.56	U
56-55-3	Benzo(a)anthracene	1.87	1.87	U
218-01-9	Chrysene	2.16	2.16	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.93	**2.00**	
117-84-0	Di-n-octylphthalate	2.87	2.87	U
205-99-2	Benzo(b)fluoranthene	1.80	1.80	U
207-08-9	Benzo(k)fluoranthene	2.10	2.10	U
50-32-8	Benzo(a)pyrene	1.91	1.91	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.12	2.12	U
53-70-3	Dibenzo(a,h)anthracene	2.13	2.13	U
191-24-2	Benzo(g,h,i)perylene	2.34	2.34	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4656-1
Client Sample ID: MW-4 Collected: 11/30/99 13.15
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/4/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.080	0.080	U
11104-28-2	PCB 1221	0.030	0.030	U
11141-16-5	PCB 1232	0.11	0.11	U
53469-21-9	PCB 1242	0.020	0.020	U
12672-29-6	PCB 1248	0.090	0.090	U
11097-69-1	PCB 1254	0.040	0.040	U
11096-82-5	PCB 1260	0.080	0.080	U

Sample: J4656-2MS
Client Sample ID: MW-4, MS Collected: 11/30/99 13.15
Matrix: Liquid Type: Matrix Spike
Remarks:

Analyzed: 12/4/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.080	0.080	U
11104-28-2	PCB 1221	0.030	0.030	U
11141-16-5	PCB 1232	0.11	0.11	U
53469-21-9	PCB 1242	0.020	0.020	U
12672-29-6	PCB 1248	0.090	0.090	U
11097-69-1	PCB 1254	0.040	0.040	U
11096-82-5	PCB 1260	0.080	0.080	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4656-3MSD
Client Sample ID: MW-4, MSD
Matrix: Liquid
Remarks:

Type: Matrix Spike Du

Collected: 11/30/99 13.15

Analyzed: 12/4/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.080	0.080	U
11104-28-2	PCB 1221	0.030	0.030	U
11141-16-5	PCB 1232	0.11	0.11	U
53469-21-9	PCB 1242	0.020	0.020	U
12672-29-6	PCB 1248	0.090	0.090	U
11097-69-1	PCB 1254	0.040	0.040	U
11096-82-5	PCB 1260	0.080	0.080	U

Sample: J4656-4
Client Sample ID: MW-2
Matrix: Liquid
Remarks:

Type: Grab

Collected: 11/30/99 11.00

Analyzed: 12/4/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.080	0.080	U
11104-28-2	PCB 1221	0.030	0.030	U
11141-16-5	PCB 1232	0.11	0.11	U
53469-21-9	PCB 1242	0.020	0.020	U
12672-29-6	PCB 1248	0.090	0.090	U
11097-69-1	PCB 1254	0.040	0.040	U
11096-82-5	PCB 1260	0.080	0.080	U

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12/13/99

ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4656-5
Client Sample ID: MW-1 Collected: 11/30/99 10.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/4/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.080	0.080	U
11104-28-2	PCB 1221	0.030	0.030	U
11141-16-5	PCB 1232	0.11	0.11	U
53469-21-9	PCB 1242	0.020	0.020	U
12672-29-6	PCB 1248	0.090	0.090	U
11097-69-1	PCB 1254	0.040	0.040	U
11096-82-5	PCB 1260	0.080	0.080	U

Sample: J4656-6
Client Sample ID: MW-5 Collected: 11/30/99 15.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/4/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.080	0.080	U
11104-28-2	PCB 1221	0.030	0.030	U
11141-16-5	PCB 1232	0.11	0.11	U
53469-21-9	PCB 1242	0.020	0.020	U
12672-29-6	PCB 1248	0.090	0.090	U
11097-69-1	PCB 1254	0.040	0.040	U
11096-82-5	PCB 1260	0.080	0.080	U

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12/13/99

ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4656-1
Client Sample ID: MW-4 Collected: 11/30/99 13.15
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/4/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	0.015	U
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.022	0.022	U
319-86-8	d-BHC	0.012	0.012	U
309-00-2	Aldrin	0.015	0.015	U
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	0.015	U
72-20-8	Endrin	0.017	0.017	U
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.017	0.017	U
50-29-3	4,4'-DDT	0.0050	0.0050	U
7421-36-3	Endrin aldehyde	0.0050	0.0050	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.012	0.012	U
5103-74-2	gamma-Chlordane	0.012	0.012	U
57-74-9	Chlordane	0.030	0.030	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0060	0.0060	U
53494-70-5	Endrin ketone	0.020	0.020	U

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12/13/99

ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4656-2MS

Client Sample ID: MW-4, MS
Matrix: Liquid
Remarks:

Collected: 11/30/99 13.15

Type: Matrix Spike

Analyzed: 12/4/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	**0.048**	
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.022	**0.060**	
319-86-8	d-BHC	0.012	0.012	U
309-00-2	Aldrin	0.015	**0.049**	
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	**0.094**	
72-20-8	Endrin	0.017	**0.14**	
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.017	0.017	U
50-29-3	4,4'-DDT	0.0050	**0.084**	
7421-36-3	Endrin aldehyde	0.0050	0.0050	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.012	0.012	U
5103-74-2	gamma-Chlordane	0.012	0.012	U
57-74-9	Chlordane	0.030	0.030	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0060	0.0060	U
53494-70-5	Endrin ketone	0.020	0.020	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4656-3MSD

Client Sample ID: MW-4, MSD
Collected: 11/30/99 13.15
Matrix: Liquid
Type: Matrix Spike Du
Remarks:

Analyzed: 12/4/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	**0.059**	
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.022	**0.070**	
319-86-8	d-BHC	0.012	0.012	U
309-00-2	Aldrin	0.015	**0.055**	
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	**0.10**	
72-20-8	Endrin	0.017	**0.16**	
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.017	0.017	U
50-29-3	4,4'-DDT	0.0050	**0.078**	
7421-36-3	Endrin aldehyde	0.0050	0.0050	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.012	0.012	U
5103-74-2	gamma-Chlordane	0.012	0.012	U
57-74-9	Chlordane	0.030	0.030	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0060	0.0060	U
53494-70-5	Endrin ketone	0.020	0.020	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4656-4
Client Sample ID: MW-2
Matrix: Liquid
Remarks:

Type: Grab

Collected: 11/30/99 11.00

Analyzed: 12/4/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	0.015	U
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.022	0.022	U
319-86-8	d-BHC	0.012	0.012	U
309-00-2	Aldrin	0.015	0.015	U
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	0.015	U
72-20-8	Endrin	0.017	0.017	U
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.017	0.017	U
50-29-3	4,4'-DDT	0.0050	0.0050	U
7421-36-3	Endrin aldehyde	0.0050	0.0050	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.012	0.012	U
5103-74-2	gamma-Chlordane	0.012	0.012	U
57-74-9	Chlordane	0.030	0.030	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0060	0.0060	U
53494-70-5	Endrin ketone	0.020	0.020	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4656-5
Client Sample ID: MW-1 Collected: 11/30/99 10.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/4/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	0.015	U
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.022	0.022	U
319-86-8	d-BHC	0.012	0.012	U
309-00-2	Aldrin	0.015	0.015	U
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	0.015	U
72-20-8	Endrin	0.017	0.017	U
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.017	0.017	U
50-29-3	4,4'-DDT	0.0050	0.0050	U
7421-36-3	Endrin aldehyde	0.0050	0.0050	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.012	0.012	U
5103-74-2	gamma-Chlordane	0.012	0.012	U
57-74-9	Chlordane	0.030	0.030	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0060	0.0060	U
53494-70-5	Endrin ketone	0.020	0.020	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4656-6
Client Sample ID: MW-5 Collected: 11/30/99 15.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/4/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	0.015	U
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.022	0.022	U
319-86-8	d-BHC	0.012	0.012	U
309-00-2	Aldrin	0.015	0.015	U
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	0.015	U
72-20-8	Endrin	0.017	0.017	U
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.017	0.017	U
50-29-3	4,4'-DDT	0.0050	0.0050	U
7421-36-3	Endrin aldehyde	0.0050	0.0050	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.012	0.012	U
5103-74-2	gamma-Chlordane	0.012	0.012	U
57-74-9	Chlordane	0.030	0.030	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0060	0.0060	U
53494-70-5	Endrin ketone	0.020	0.020	U

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ANALYSIS REPORT - METALS

Sample: J4656-1
Client Sample ID: MW-4
Matrix: Liquid
Remarks:

Type: Grab

Collected: 11/30/99 13.15

Analyzed: 12/6/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**3.61**	
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	**0.032**	
7440-39-3	Barium	0.11	**0.16**	
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	**0.0010**	J
7440-70-2	Calcium	1.11	**134**	
7440-47-3	Chromium	0.0056	**0.0090**	
7440-48-4	Cobalt	0.011	**0.016**	
7440-50-8	Copper	0.011	**0.066**	
7439-89-6	Iron	0.11	**27.9**	
7439-92-1	Lead	0.0022	**0.013**	
7439-95-4	Magnesium	1.11	**40.0**	
7439-96-5	Manganese	0.011	**8.17**	
7439-97-6	Mercury	0.000050	**0.000078**	
7440-02-0	Nickel	0.011	**0.022**	
7440-09-7	Potassium	1.11	**11.6**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	**0.0020**	J
7440-23-5	Sodium	1.11	**139**	
7440-28-0	Thallium	0.060	**0.050**	J
7440-62-2	Vanadium	0.011	**0.017**	
7440-66-6	Zinc	0.011	**0.11**	

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ANALYSIS REPORT - METALS

Sample: J4656-2MS

Client Sample ID: MW-4, MS

Collected: 11/30/99 13.15

Matrix: Liquid

Type: Matrix Spike

Remarks:

Analyzed: 12/6/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**8.51**	
7440-36-0	Antimony	0.011	**0.77**	
7440-38-2	Arsenic	0.0067	**3.31**	
7440-39-3	Barium	0.11	**3.35**	
7440-41-7	Beryllium	0.0022	**0.081**	
7440-43-9	Cadmium	0.0033	**0.085**	
7440-70-2	Calcium	1.11	**133**	
7440-47-3	Chromium	0.0056	**0.34**	
7440-48-4	Cobalt	0.011	**0.81**	
7440-50-8	Copper	0.011	**0.49**	
7439-89-6	Iron	0.11	**29.7**	
7439-92-1	Lead	0.0022	**0.80**	
7439-95-4	Magnesium	1.11	**39.4**	
7439-96-5	Manganese	0.011	**8.83**	
7439-97-6	Mercury	0.000050	**0.0024**	
7440-02-0	Nickel	0.011	**0.83**	
7440-09-7	Potassium	1.11	**11.6**	
7782-49-2	Selenium	0.0056	**3.27**	
7440-22-4	Silver	0.0089	**0.084**	
7440-23-5	Sodium	1.11	**129**	
7440-28-0	Thallium	0.060	**3.42**	
7440-62-2	Vanadium	0.011	**0.85**	
7440-66-6	Zinc	0.011	**0.97**	

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ANALYSIS REPORT - METALS

Sample: J4656-3MSD
Client Sample ID: MW-4, MSD
Matrix: Liquid
Remarks:

Collected: 11/30/99 13.15
Type: Matrix Spike Du

Analyzed: 12/6/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	7.21	
7440-36-0	Antimony	0.011	0.72	
7440-38-2	Arsenic	0.0067	3.12	
7440-39-3	Barium	0.11	3.15	
7440-41-7	Beryllium	0.0022	0.075	
7440-43-9	Cadmium	0.0033	0.079	
7440-70-2	Calcium	1.11	131	
7440-47-3	Chromium	0.0056	0.32	
7440-48-4	Cobalt	0.011	0.76	
7440-50-8	Copper	0.011	0.46	
7439-89-6	Iron	0.11	29.6	
7439-92-1	Lead	0.0022	0.75	
7439-95-4	Magnesium	1.11	39.3	
7439-96-5	Manganese	0.011	8.74	
7439-97-6	Mercury	0.000050	0.0025	
7440-02-0	Nickel	0.011	0.79	
7440-09-7	Potassium	1.11	11.2	
7782-49-2	Selenium	0.0056	3.08	
7440-22-4	Silver	0.0089	0.079	
7440-23-5	Sodium	1.11	130	
7440-28-0	Thallium	0.060	3.24	
7440-62-2	Vanadium	0.011	0.80	
7440-66-6	Zinc	0.011	0.91	

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ANALYSIS REPORT - METALS

Sample: J4656-4
Client Sample ID: MW-2
Matrix: Liquid
Remarks:

Collected: 11/30/99 11.00
Type: Grab

Analyzed: 12/6/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**0.62**	
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	**0.018**	
7440-39-3	Barium	0.11	**0.17**	
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	0.0033	U
7440-70-2	Calcium	1.11	**80.3**	
7440-47-3	Chromium	0.0056	0.0056	U
7440-48-4	Cobalt	0.011	0.011	U
7440-50-8	Copper	0.011	**0.0040**	J
7439-89-6	Iron	0.11	**21.0**	
7439-92-1	Lead	0.0022	**0.0030**	
7439-95-4	Magnesium	1.11	**7.96**	
7439-96-5	Manganese	0.011	**0.88**	
7439-97-6	Mercury	0.000056	**0.000038**	J
7440-02-0	Nickel	0.011	**0.0020**	J
7440-09-7	Potassium	1.11	**16.3**	
7782-49-2	Selenium	0.0056	**0.0050**	J
7440-22-4	Silver	0.0089	0.0089	U
7440-23-5	Sodium	1.11	**33.2**	
7440-28-0	Thallium	0.060	**0.038**	J
7440-62-2	Vanadium	0.011	**0.0060**	J
7440-66-6	Zinc	0.011	**0.053**	

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ANALYSIS REPORT - METALS

Sample: J4656-5
Client Sample ID: MW-1
Matrix: Liquid
Remarks:

Type: Grab

Collected: 11/30/99 10.00

Analyzed: 12/6/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**0.14**	J
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	**0.030**	
7440-39-3	Barium	0.11	**0.34**	
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	0.0033	U
7440-70-2	Calcium	1.11	**107**	
7440-47-3	Chromium	0.0056	0.0056	U
7440-48-4	Cobalt	0.011	0.011	U
7440-50-8	Copper	0.011	**0.0030**	J
7439-89-6	Iron	0.11	**46.9**	
7439-92-1	Lead	0.0022	**0.0010**	J
7439-95-4	Magnesium	1.11	**22.9**	
7439-96-5	Manganese	0.011	**1.52**	
7439-97-6	Mercury	0.000050	**0.000036**	J
7440-02-0	Nickel	0.011	**0.0020**	J
7440-09-7	Potassium	1.11	**32.6**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	0.0089	U
7440-23-5	Sodium	1.11	**195**	
7440-28-0	Thallium	0.060	**0.030**	J
7440-62-2	Vanadium	0.011	0.011	U
7440-66-6	Zinc	0.011	**0.045**	

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ANALYSIS REPORT - METALS

Sample: J4656-6
Client Sample ID: MW-5
Matrix: Liquid
Remarks:

Collected: 11/30/99 15.00
Type: Grab

Analyzed: 12/6/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**5.04**	
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	**0.022**	
7440-39-3	Barium	0.11	**0.17**	
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	0.0033	U
7440-70-2	Calcium	1.11	**135**	
7440-47-3	Chromium	0.0056	**0.0100**	
7440-48-4	Cobalt	0.011	**0.017**	
7440-50-8	Copper	0.011	**0.028**	
7439-89-6	Iron	0.11	**30.7**	
7439-92-1	Lead	0.0022	**0.013**	
7439-95-4	Magnesium	1.11	**41.0**	
7439-96-5	Manganese	0.011	**8.39**	
7439-97-6	Mercury	0.000050	**0.000066**	
7440-02-0	Nickel	0.011	**0.025**	
7440-09-7	Potassium	1.11	**12.7**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	0.0089	U
7440-23-5	Sodium	1.11	**145**	
7440-28-0	Thallium	0.060	**0.053**	J
7440-62-2	Vanadium	0.011	**0.020**	
7440-66-6	Zinc	0.011	**0.12**	

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ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4656-1
Client Sample ID: MW-4 Collected: 11/30/99 13.15
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/6/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	0.17	U
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	**0.023**	
7440-39-3	Barium	0.11	**0.13**	
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	0.0033	U
7440-70-2	Calcium	1.11	**152**	
7440-47-3	Chromium	0.0056	0.0056	U
7440-48-4	Cobalt	0.011	**0.0020**	J
7440-50-8	Copper	0.011	0.011	U
7439-89-6	Iron	0.11	**14.0**	
7439-92-1	Lead	0.0022	**0.0020**	J
7439-95-4	Magnesium	1.11	**43.7**	
7439-96-5	Manganese	0.011	**9.12**	
7439-97-6	Mercury	0.000050	**0.000027**	J
7440-02-0	Nickel	0.011	**0.0060**	J
7440-09-7	Potassium	1.11	**11.3**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	**0.0010**	J
7440-23-5	Sodium	1.11	**155**	
7440-28-0	Thallium	0.060	**0.071**	
7440-62-2	Vanadium	0.011	**0.0020**	J
7440-66-6	Zinc	0.011	**0.074**	

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ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4656-2MS

Client Sample ID: MW-4, MS
Matrix: Liquid
Remarks:

Collected: 11/30/99 13.15
Type: Matrix Spike

Analyzed: 12/6/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	3.37	
7440-36-0	Antimony	0.011	0.84	
7440-38-2	Arsenic	0.0067	3.46	
7440-39-3	Barium	0.11	3.45	
7440-41-7	Beryllium	0.0022	0.085	
7440-43-9	Cadmium	0.0033	0.087	
7440-70-2	Calcium	1.11	136	
7440-47-3	Chromium	0.0056	0.35	
7440-48-4	Cobalt	0.011	0.83	
7440-50-8	Copper	0.011	0.43	
7439-89-6	Iron	0.11	13.2	
7439-92-1	Lead	0.0022	0.83	
7439-95-4	Magnesium	1.11	39.2	
7439-96-5	Manganese	0.011	8.93	
7439-97-6	Mercury	0.000050	0.0025	
7440-02-0	Nickel	0.011	0.85	
7440-09-7	Potassium	1.11	10.4	
7782-49-2	Selenium	0.0056	3.47	
7440-22-4	Silver	0.0089	0.087	
7440-23-5	Sodium	1.11	136	
7440-28-0	Thallium	0.060	3.70	
7440-62-2	Vanadium	0.011	0.87	
7440-66-6	Zinc	0.011	0.96	

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12/13/99

ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4656-3MSD
Client Sample ID: MW-4, MSD
Matrix: Liquid
Remarks:

Type: Matrix Spike Du

Collected: 11/30/99 13.15

Analyzed: 12/6/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	2.60	
7440-36-0	Antimony	0.011	0.62	
7440-38-2	Arsenic	0.0067	2.60	
7440-39-3	Barium	0.11	2.68	
7440-41-7	Beryllium	0.0022	0.064	
7440-43-9	Cadmium	0.0033	0.065	
7440-70-2	Calcium	1.11	140	
7440-47-3	Chromium	0.0056	0.26	
7440-48-4	Cobalt	0.011	0.63	
7440-50-8	Copper	0.011	0.33	
7439-89-6	Iron	0.11	14.2	
7439-92-1	Lead	0.0022	0.63	
7439-95-4	Magnesium	1.11	40.2	
7439-96-5	Manganese	0.011	9.04	
7439-97-6	Mercury	0.000050	0.0025	
7440-02-0	Nickel	0.011	0.66	
7440-09-7	Potassium	1.11	10.1	
7782-49-2	Selenium	0.0056	2.60	
7440-22-4	Silver	0.0089	0.068	
7440-23-5	Sodium	1.11	138	
7440-28-0	Thallium	0.060	2.87	
7440-62-2	Vanadium	0.011	0.67	
7440-66-6	Zinc	0.011	0.75	

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12/13/99

ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4656-4
Client Sample ID: MW-2 Collected: 11/30/99 11.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/6/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	0.17	U
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	**0.024**	
7440-39-3	Barium	0.11	**0.11**	
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	0.0033	U
7440-70-2	Calcium	1.11	**78.5**	
7440-47-3	Chromium	0.0056	0.0056	U
7440-48-4	Cobalt	0.011	0.011	U
7440-50-8	Copper	0.011	0.011	U
7439-89-6	Iron	0.11	**0.48**	
7439-92-1	Lead	0.0022	0.0022	U
7439-95-4	Magnesium	1.11	**7.72**	
7439-96-5	Manganese	0.011	**0.57**	
7439-97-6	Mercury	0.000050	**0.000015**	J
7440-02-0	Nickel	0.011	0.011	U
7440-09-7	Potassium	1.11	**16.3**	
7782-49-2	Selenium	0.0056	**0.0050**	J
7440-22-4	Silver	0.0089	**0.0010**	J
7440-23-5	Sodium	1.11	**32.7**	
7440-28-0	Thallium	0.060	**0.048**	J
7440-62-2	Vanadium	0.011	0.011	U
7440-66-6	Zinc	0.011	**0.053**	

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1/5/00

ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4656-5
Client Sample ID: MW-1 Collected: 11/30/99 10.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/6/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.15	0.15	U
7440-36-0	Antimony	0.0100	0.0100	U
7440-38-2	Arsenic	0.0060	**0.022**	
7440-39-3	Barium	0.10	**0.23**	
7440-41-7	Beryllium	0.0020	0.0020	U
7440-43-9	Cadmium	0.0030	0.0030	U
7440-70-2	Calcium	1.00	**112**	
7440-47-3	Chromium	0.0050	**0.0050**	
7440-48-4	Cobalt	0.0100	0.0100	U
7440-50-8	Copper	0.0100	0.0100	U
7439-89-6	Iron	0.10	**24.3**	
7439-92-1	Lead	0.0020	**0.0060**	
7439-95-4	Magnesium	1.00	**24.6**	
7439-96-5	Manganese	0.0100	**1.30**	
7439-97-6	Mercury	0.000050	**0.000019**	J
7440-02-0	Nickel	0.0100	**0.0020**	J
7440-09-7	Potassium	1.00	**35.3**	
7782-49-2	Selenium	0.0050	0.0050	U
7440-22-4	Silver	0.0080	**0.0010**	J
7440-23-5	Sodium	1.00	**215**	
7440-28-0	Thallium	0.054	0.054	U
7440-62-2	Vanadium	0.0100	**0.0040**	J
7440-66-6	Zinc	0.0100	**0.096**	

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12/13/99

ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4656-6
Client Sample ID: MW-5 Collected: 11/30/99 15.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/6/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	0.17	U
7440-36-0	Antimony	0.011	0.011	U
7440-38-2	Arsenic	0.0067	**0.0080**	
7440-39-3	Barium	0.11	**0.12**	
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	0.0033	U
7440-70-2	Calcium	1.11	**125**	
7440-47-3	Chromium	0.0056	0.0056	U
7440-48-4	Cobalt	0.011	**0.0030**	J
7440-50-8	Copper	0.011	0.011	U
7439-89-6	Iron	0.11	**10.4**	
7439-92-1	Lead	0.0022	0.0022	U
7439-95-4	Magnesium	1.11	**36.3**	
7439-96-5	Manganese	0.011	**7.48**	
7439-97-6	Mercury	0.000050	**0.000015**	J
7440-02-0	Nickel	0.011	**0.0050**	J
7440-09-7	Potassium	1.11	**9.47**	
7782-49-2	Selenium	0.0056	0.0056	U
7440-22-4	Silver	0.0089	**0.0020**	J
7440-23-5	Sodium	1.11	**137**	
7440-28-0	Thallium	0.060	**0.071**	
7440-62-2	Vanadium	0.011	**0.0010**	J
7440-66-6	Zinc	0.011	**0.046**	

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12/14/99

ANALYSIS REPORT - WET LAB

Sample: J4656-1
Client Sample ID: MW-4
Matrix: Liquid
Remarks:
Collected: 11/30/99 13.15
Type: Grab

Analyzed	Parameter	MDL	Result	Q	Units
12/3/99	Cyanide	0.0060	0.0060	U	ppm

Sample: J4656-2M
Client Sample ID: MW-4, MS
Matrix: Liquid
Remarks:
Collected: 11/30/99 13.15
Type: Matrix Spike

Analyzed	Parameter	MDL	Result	Q	Units
12/13/99	Cyanide	0.0060	**0.095**		ppm

Sample: J4656-3N
Client Sample ID: MW-4, MSD
Matrix: Liquid
Remarks:
Collected: 11/30/99 13.15
Type: Matrix Spike Du

Analyzed	Parameter	MDL	Result	Q	Units
12/13/99	Cyanide	0.0060	**0.094**		ppm

Sample: J4656-4
Client Sample ID: MW-2
Matrix: Liquid
Remarks:
Collected: 11/30/99 11.00
Type: Grab

Analyzed	Parameter	MDL	Result	Q	Units
12/3/99	Cyanide	0.0060	0.0060	U	ppm

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12/13/99

ANALYSIS REPORT - ANALYSIS REPORT - WET LAB

Sample: J4656-5
Client Sample ID: MW-1 Collected: 11/30/99 10.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed	Parameter	MDL	Result	Q	Units
12/3/99	Cyanide	0.0060	0.0060		ppm

Sample: J4656-6
Client Sample ID: MW-5 Collected: 11/30/99 15.00
Matrix: Liquid Type: Grab
Remarks:

Analyzed	Parameter	MDL	Result	Q	Units
12/3/99	Cyanide	0.0060	0.0060		ppm

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12/13/99

Case Narrative

EPA 8260:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone
2-Butanone
4-Methyl,2-pentanone
2-Hexanone

M&P-Xylenes were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 10, 20, 50, 100 and 150 ppb levels.

Samples were quantitated using the continuing calibration standard response factor as opposed to the initial calibration average response factor.

Matrix spike samples J4656-2 and -3 contained Acetone and 4-Methyl-2-pentanone at concentrations above the straight analysis maximum calibration limit but below the 1:1000 dilution re-analysis recovery limit.

8270

Samples 1,2,3, and 6- Acid surrogates fail QC requirements for these samples. The samples were extracted a second time, and failed. The problem is matrix interference, likely due to high concentrations of light aromatic hydrocarbons in these samples.

Samples 2 and 3- Acid spike compounds fail for these samples. The samples were extracted a second time, and failed. The problem is matrix interference, likely due to high concentrations of light aromatic hydrocarbons in these samples.

Reviewed by: Peggy Langer

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12/13/99

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is a non-detect.

J - Indicates an estimated value. The concentration was detected lower than the Contract Required Detection Limit, but greater than the Method Detection Limit.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag identifies all compounds identified in an analysis at a secondary dilution.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - entered when the analyte was analyzed for, but not detected.

Q - qualifier specific entries and their meanings are as follows:

E - the reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
NR - when the analyte is not required to be analyzed.
P - ICP
T - Titrimetric

ETL

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CHAIN OF CUSTODY DOCUMENT

LMS

J 4656

Project Name: North First Street | Project Manager: Ed Schwetz

Project Address: North First Street

Client: Con Ed | J/N: | Rush by 12/6/99

Sampler (Signature): (Print):

SAMPLE INFO Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank; Matrix: L = Liquid; S = Soil; SL = Sludge; A = Air; W = Wipe | *Air - Vol. (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH	Cyanide	TAL Metals + Hexcd	TAL Metals w/o Cr	WCS	8Omi Pest
1	11/30	Pm	G	L	MW-4						✓					✓	✓	✓	✓	✓	
2	11/30	1Pm	G	L	MW-4, MS						✓					✓	✓	✓	✓	✓	
3	11/30	1Pm	G	L	MW-4, MSD						✓					✓	✓	✓	✓	✓	
4	11/30	11Pm	G	L	MW-2						✓					✓	✓	✓	✓	✓	
5	11/30	10Pm	G	L	MW-1						✓					✓	✓	✓	✓	✓	
6	11/30	9Pm	G	L	MW-5						✓					✓	✓	✓	✓	✓	
7	11/30	—	—	L	TR-1						✓					✓	✓	✓	✓	✓	
8																(✓	✓	✓	X	✓	PW)
9																					
10																					
11																					
12																					
13																					
14																					
15																					

12/1/99

Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received by (Signature):	Date / Time	Printed Name & Agent
	12/1/99 1000				
Relinquished by (Signature):	Date	Printed Name & Agent:	Received by (Lab)	Date	

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1/6/99

Mr. Ed Schwetz
Lawler, Matusky & Skully, Assoc.
1 Blue Hill Plaza
Pearl River, NY 10965

Dear Ed,

Enclosed, please find the analytical results for the following ETL Chain of Custody numbers:

COC #

J4652
J4654
J4655
J4660
J4661
J4677
J4678

Revisions have been made from the original reports. Please check each case narrative for the specific changes.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by ETL. This program is designed to meet or exceed the requirements set by our governing agencies. Analytical work for this project met all QA/QC criteria unless otherwise stated in the remarks section of this report.

If you have any questions regarding this report package, or if I can be of further assistance, you may contact me at: 516-249-1456, extension 214.

Sincerely,
Environmental Testing Laboratories, Inc.

Patricia Werner

Patricia Werner
Quality Assurance Officer

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 516-249-1456 Fax - 516-249-8344

12/22/99

ANALYSIS REPORT - EPA 8260

Sample: J4652-2-continue
Client Sample ID: TB-2
Matrix: Liquid
Remarks: See case narrative

Type: Blank

Collected: 12/3/99

Analyzed: 12/8/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.23	0.23	U
108-90-7	Chlorobenzene	0.11	0.11	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	0.35	U
100-41-4	Ethylbenzene	0.19	0.19	U
108-38-3	m,p-xylene	0.28	0.28	U
95-47-6	o-xylene	0.16	0.16	U
100-42-5	Styrene	0.23	0.23	U
75-25-2	Bromoform	0.090	0.090	U
98-82-8	Isopropylbenzene	0.26	0.26	U
108-86-1	Bromobenzene	0.27	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	0.22	0.22	U
103-65-1	n-Propylbenzene	0.21	0.21	U
96-18-4	1,2,3-Trichloropropane	0.62	0.62	U
622-96-8	p-Ethyltoluene	0.16	0.16	U
108-67-8	1,3,5-Trimethylbenzene	0.34	0.34	U
95-49-8	2-Chlorotoluene	0.21	0.21	U
106-43-4	4-Chlorotoluene	0.36	0.36	U
98-06-6	tert-Butylbenzene	0.37	0.37	U
95-63-6	1,2,4-Trimethylbenzene	0.22	0.22	U
135-98-8	sec-Butylbenzene	0.28	0.28	U
99-87-6	4-Isopropyltoluene	0.24	0.24	U
541-73-1	1,3-Dichlorobenzene	0.13	0.13	U
106-46-7	1,4-Dichlorobenzene	0.080	0.080	U
95-50-1	1,2-Dichlorobenzene	0.14	0.14	U
105-05-5	p-Diethylbenzene	0.18	0.18	U
104-51-8	n-Butylbenzene	0.12	0.12	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.53	0.53	U
120-82-1	1,2,4-Trichlorobenzene	0.19	0.19	U
87-68-3	Hexachlorobutadiene	0.33	0.33	U
91-20-3	Naphthalene	0.19	0.19	U
87-61-6	1,2,3-Trichlorobenzene	0.23	0.23	U

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12/22/99

ANALYSIS REPORT - EPA 8260

Sample: J4652-3
Client Sample ID: M-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 14.00
% Solids: 44.8%

Analyzed: 12/8/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	1.14	1.14	U
75-45-6	Chlorodifluoromethane	1.49	1.49	U
74-87-3	Chloromethane	0.76	0.76	U
75-01-4	Vinyl Chloride	0.76	0.76	U
74-83-9	Bromomethane	0.87	0.87	U
75-00-3	Chloroethane	0.42	0.42	U
75-69-4	Trichlorofluoromethane	0.25	0.25	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1.27	1.27	U
75-35-4	1,1-Dichloroethene	0.47	0.47	U
67-64-1	Acetone	9.68	9.68	U
75-15-0	Carbon disulfide	0.60	0.60	U
75-09-2	Methylene Chloride	1.20	17.7	
156-60-5	t-1,2-Dichloroethene	0.91	0.91	U
1634-04-4	Methyl t-butyl ether	1.09	1.09	U
75-34-3	1,1-Dichloroethane	0.36	0.36	U
590-20-7	2,2-Dichloropropane	0.51	0.51	U
156-59-2	c-1,2-Dichloroethene	1.12	1.12	U
78-93-3	2-Butanone	5.60	5.60	U
74-97-5	Bromochloromethane	0.56	0.56	U
67-66-3	Chloroform	0.38	0.38	U
71-55-6	1,1,1-Trichloroethane	0.62	0.62	U
56-23-5	Carbon Tetrachloride	0.60	0.60	U
563-58-6	1,1-Dichloropropene	0.87	0.87	U
71-43-2	Benzene	0.62	0.62	U
107-06-2	1,2-Dichloroethane	0.67	0.67	U
79-01-6	Trichloroethene	0.67	0.67	U
78-87-5	1,2-Dichloropropane	0.40	0.40	U
74-95-3	Dibromomethane	0.96	0.96	U
75-27-4	Bromodichloromethane	0.42	0.42	U
110-75-8	2-Chloroethylvinylether	1.29	1.29	U
10061-01-5	c-1,3-Dichloropropene	0.56	0.56	U
108-10-1	4-Methyl-2-pentanone	3.30	3.30	U
108-88-3	Toluene	0.74	0.74	U
10061-02-6	t-1,3-Dichloropropene	0.91	0.91	U
79-00-5	1,1,2-Trichloroethane	1.05	1.05	U
127-18-4	Tetrachloroethene	0.62	0.62	U
142-28-9	1,3-Dichloropropane	0.94	0.94	U
591-78-6	2-Hexanone	3.46	3.46	U
124-48-1	Dibromochloromethane	0.65	0.65	U

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12/22/99

ANALYSIS REPORT - EPA 8260

Sample: J4652-3-continue
Client Sample ID: M-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 14.00
% Solids: 44.8%

Analyzed: 12/8/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	1.12	1.12	U
108-90-7	Chlorobenzene	0.65	0.65	U
630-20-6	1,1,1,2-Tetrachloroethane	0.71	0.71	U
100-41-4	Ethylbenzene	0.76	0.76	U
108-38-3	m,p-xylene	1.40	1.40	U
95-47-6	o-xylene	0.62	0.62	U
100-42-5	Styrene	0.65	0.65	U
75-25-2	Bromoform	1.07	1.07	U
98-82-8	Isopropylbenzene	0.58	0.58	U
108-86-1	Bromobenzene	0.98	0.98	U
79-34-5	1,1,2,2-Tetrachloroethane	1.12	1.12	U
103-65-1	n-Propylbenzene	0.83	0.83	U
96-18-4	1,2,3-Trichloropropane	1.03	1.03	U
622-96-8	p-Ethyltoluene	0.69	0.69	U
108-67-8	1,3,5-Trimethylbenzene	0.67	0.67	U
95-49-8	2-Chlorotoluene	0.58	0.58	U
106-43-4	4-Chlorotoluene	0.76	0.76	U
98-06-6	tert-Butylbenzene	0.76	0.76	U
95-63-6	1,2,4-Trimethylbenzene	0.74	0.74	U
135-98-8	sec-Butylbenzene	0.80	0.80	U
99-87-6	4-Isopropyltoluene	0.80	0.80	U
541-73-1	1,3-Dichlorobenzene	0.71	0.71	U
106-46-7	1,4-Dichlorobenzene	0.62	0.62	U
95-50-1	1,2-Dichlorobenzene	0.60	0.60	U
105-05-5	p-Diethylbenzene	0.74	0.74	U
104-51-8	n-Butylbenzene	0.87	0.87	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.67	0.67	U
96-12-8	1,2-Dibromo-3-chloropropane	1.61	1.61	U
120-82-1	1,2,4-Trichlorobenzene	0.80	0.80	U
87-68-3	Hexachlorobutadiene	0.78	0.78	U
91-20-3	Naphthalene	1.23	1.23	U
87-61-6	1,2,3-Trichlorobenzene	0.67	0.67	U

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12/22/99

ANALYSIS REPORT - EPA 8260

Sample: J4652-4
Client Sample ID: S-07
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/3/99 12.30
% Solids: 87.3%

Analyzed: 12/8/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.59	0.59	U
75-45-6	Chlorodifluoromethane	0.77	0.77	U
74-87-3	Chloromethane	0.39	0.39	U
75-01-4	Vinyl Chloride	0.39	0.39	U
74-83-9	Bromomethane	0.45	0.45	U
75-00-3	Chloroethane	0.22	0.22	U
75-69-4	Trichlorofluoromethane	0.13	0.13	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.66	0.66	U
75-35-4	1,1-Dichloroethene	0.24	0.24	U
67-64-1	Acetone	4.99	4.99	U
75-15-0	Carbon disulfide	0.31	0.31	U
75-09-2	Methylene Chloride	0.62	9.10	
156-60-5	t-1,2-Dichloroethene	0.47	0.47	U
1634-04-4	Methyl t-butyl ether	0.56	0.56	U
75-34-3	1,1-Dichloroethane	0.18	0.18	U
590-20-7	2,2-Dichloropropane	0.26	0.26	U
156-59-2	c-1,2-Dichloroethene	0.57	0.57	U
78-93-3	2-Butanone	2.89	2.89	U
74-97-5	Bromochloromethane	0.29	0.29	U
67-66-3	Chloroform	0.20	0.20	U
71-55-6	1,1,1-Trichloroethane	0.32	0.32	U
56-23-5	Carbon Tetrachloride	0.31	0.31	U
563-58-6	1,1-Dichloropropene	0.45	0.45	U
71-43-2	Benzene	0.32	0.32	U
107-06-2	1,2-Dichloroethane	0.34	0.34	U
79-01-6	Trichloroethene	0.34	0.34	U
78-87-5	1,2-Dichloropropane	0.21	0.21	U
74-95-3	Dibromomethane	0.49	0.49	U
75-27-4	Bromodichloromethane	0.22	0.22	U
110-75-8	2-Chloroethylvinylether	0.67	0.67	U
10061-01-5	c-1,3-Dichloropropene	0.29	0.29	U
108-10-1	4-Methyl-2-pentanone	1.70	1.70	U
108-88-3	Toluene	0.38	0.38	U
10061-02-6	t-1,3-Dichloropropene	0.47	0.47	U
79-00-5	1,1,2-Trichloroethane	0.54	0.54	U
127-18-4	Tetrachloroethene	0.32	0.32	U
142-28-9	1,3-Dichloropropane	0.48	0.48	U
591-78-6	2-Hexanone	1.78	1.78	U
124-48-1	Dibromochloromethane	0.33	0.33	U

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ANALYSIS REPORT - EPA 8260

Sample: J4652-4-continue
Client Sample ID: S-07
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/3/99 12.30
% Solids: 87.3%

Analyzed: 12/8/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.57	0.57	U
108-90-7	Chlorobenzene	0.33	0.33	U
630-20-6	1,1,1,2-Tetrachloroethane	0.37	0.37	U
100-41-4	Ethylbenzene	0.39	0.39	U
108-38-3	m,p-xylene	0.72	0.72	U
95-47-6	o-xylene	0.32	0.32	U
100-42-5	Styrene	0.33	0.33	U
75-25-2	Bromoform	0.55	0.55	U
98-82-8	Isopropylbenzene	0.30	0.30	U
108-86-1	Bromobenzene	0.51	0.51	U
79-34-5	1,1,2,2-Tetrachloroethane	0.57	0.57	U
103-65-1	n-Propylbenzene	0.43	0.43	U
96-18-4	1,2,3-Trichloropropane	0.53	0.53	U
622-96-8	p-Ethyltoluene	0.36	0.36	U
108-67-8	1,3,5-Trimethylbenzene	0.34	0.34	U
95-49-8	2-Chlorotoluene	0.30	0.30	U
106-43-4	4-Chlorotoluene	0.39	0.39	U
98-06-6	tert-Butylbenzene	0.39	0.39	U
95-63-6	1,2,4-Trimethylbenzene	0.38	0.38	U
135-98-8	sec-Butylbenzene	0.41	0.41	U
99-87-6	4-Isopropyltoluene	0.41	0.41	U
541-73-1	1,3-Dichlorobenzene	0.37	0.37	U
106-46-7	1,4-Dichlorobenzene	0.32	0.32	U
95-50-1	1,2-Dichlorobenzene	0.31	0.31	U
105-05-5	p-Diethylbenzene	0.38	0.38	U
104-51-8	n-Butylbenzene	0.45	0.45	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.34	0.34	U
96-12-8	1,2-Dibromo-3-chloropropane	0.83	0.83	U
120-82-1	1,2,4-Trichlorobenzene	0.41	0.41	U
87-68-3	Hexachlorobutadiene	0.40	0.40	U
91-20-3	Naphthalene	0.63	0.63	U
87-61-6	1,2,3-Trichlorobenzene	0.34	0.34	U

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ANALYSIS REPORT - EPA 8260

Sample: J4652-5

Client Sample ID: D-01 Collected: 12/2/99 13.00

Matrix: Soil Type: Grab % Solids: 39%

Remarks: See case narrative

Analyzed: 12/8/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	1.31	1.31	U
75-45-6	Chlorodifluoromethane	1.72	1.72	U
74-87-3	Chloromethane	0.87	0.87	U
75-01-4	Vinyl Chloride	0.87	0.87	U
74-83-9	Bromomethane	1.00	1.00	U
75-00-3	Chloroethane	0.49	0.49	U
75-69-4	Trichlorofluoromethane	0.28	0.28	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1.46	1.46	U
75-35-4	1,1-Dichloroethene	0.54	0.54	U
67-64-1	Acetone	11.1	11.1	U
75-15-0	Carbon disulfide	0.69	0.69	U
75-09-2	Methylene Chloride	1.38	**8.40**	
156-60-5	t-1,2-Dichloroethene	1.05	1.05	U
1634-04-4	Methyl t-butyl ether	1.25	1.25	U
75-34-3	1,1-Dichloroethane	0.41	0.41	U
590-20-7	2,2-Dichloropropane	0.59	0.59	U
156-59-2	c-1,2-Dichloroethene	1.28	1.28	U
78-93-3	2-Butanone	6.43	6.43	U
74-97-5	Bromochloromethane	0.64	0.64	U
67-66-3	Chloroform	0.44	0.44	U
71-55-6	1,1,1-Trichloroethane	0.72	0.72	U
56-23-5	Carbon Tetrachloride	0.69	0.69	U
563-58-6	1,1-Dichloropropene	1.00	1.00	U
71-43-2	Benzene	0.72	0.72	U
107-06-2	1,2-Dichloroethane	0.77	0.77	U
79-01-6	Trichloroethene	0.77	0.77	U
78-87-5	1,2-Dichloropropane	0.46	0.46	U
74-95-3	Dibromomethane	1.10	1.10	U
75-27-4	Bromodichloromethane	0.49	0.49	U
110-75-8	2-Chloroethylvinylether	1.48	1.48	U
10061-01-5	c-1,3-Dichloropropene	0.64	0.64	U
108-10-1	4-Methyl-2-pentanone	3.79	3.79	U
108-88-3	Toluene	0.84	0.84	U
10061-02-6	t-1,3-Dichloropropene	1.05	1.05	U
79-00-5	1,1,2-Trichloroethane	1.20	1.20	U
127-18-4	Tetrachloroethene	0.72	0.72	U
142-28-9	1,3-Dichloropropane	1.08	1.08	U
591-78-6	2-Hexanone	3.97	3.97	U
124-48-1	Dibromochloromethane	0.74	0.74	U

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ANALYSIS REPORT - EPA 8260

Sample: J4652-5-continue

Client Sample ID: D-01 Collected: 12/2/99 13.00
Matrix: Soil Type: Grab % Solids: 39%
Remarks: See case narrative

Analyzed: 12/8/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	1.28	1.28	U
108-90-7	Chlorobenzene	0.74	0.74	U
630-20-6	1,1,1,2-Tetrachloroethane	0.82	0.82	U
100-41-4	Ethylbenzene	0.87	0.87	U
108-38-3	m,p-xylene	1.61	1.61	U
95-47-6	o-xylene	0.72	0.72	U
100-42-5	Styrene	0.74	0.74	U
75-25-2	Bromoform	1.23	1.23	U
98-82-8	Isopropylbenzene	0.67	0.67	U
108-86-1	Bromobenzene	1.13	1.13	U
79-34-5	1,1,2,2-Tetrachloroethane	1.28	1.28	U
103-65-1	n-Propylbenzene	0.95	0.95	U
96-18-4	1,2,3-Trichloropropane	1.18	1.18	U
622-96-8	p-Ethyltoluene	0.79	0.79	U
108-67-8	1,3,5-Trimethylbenzene	0.77	0.77	U
95-49-8	2-Chlorotoluene	0.67	0.67	U
106-43-4	4-Chlorotoluene	0.87	0.87	U
98-06-6	tert-Butylbenzene	0.87	0.87	U
95-63-6	1,2,4-Trimethylbenzene	0.84	0.84	U
135-98-8	sec-Butylbenzene	0.92	0.92	U
99-87-6	4-Isopropyltoluene	0.92	0.92	U
541-73-1	1,3-Dichlorobenzene	0.82	0.82	U
106-46-7	1,4-Dichlorobenzene	0.72	0.72	U
95-50-1	1,2-Dichlorobenzene	0.69	0.69	U
105-05-5	p-Diethylbenzene	0.84	0.84	U
104-51-8	n-Butylbenzene	1.00	1.00	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.77	0.77	U
96-12-8	1,2-Dibromo-3-chloropropane	1.84	1.84	U
120-82-1	1,2,4-Trichlorobenzene	0.92	0.92	U
87-68-3	Hexachlorobutadiene	0.90	0.90	U
91-20-3	Naphthalene	1.41	1.41	U
87-61-6	1,2,3-Trichlorobenzene	0.77	0.77	U

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ANALYSIS REPORT - EPA 8260

Sample: J4652-6
Client Sample ID: S-06A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/3/99 13.15
% Solids: 82.4%

Analyzed: 12/8/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.33	0.33	U
75-45-6	Chlorodifluoromethane	0.16	0.16	U
74-87-3	Chloromethane	0.59	0.59	U
75-01-4	Vinyl Chloride	0.52	0.52	U
74-83-9	Bromomethane	0.56	0.56	U
75-00-3	Chloroethane	0.74	0.74	U
75-69-4	Trichlorofluoromethane	0.30	0.30	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.41	0.41	U
75-35-4	1,1-Dichloroethene	0.56	0.56	U
67-64-1	Acetone	3.07	3.07	U
75-15-0	Carbon disulfide	0.50	0.50	U
75-09-2	Methylene Chloride	0.56	**21.0**	
156-60-5	t-1,2-Dichloroethene	0.64	0.64	U
1634-04-4	Methyl t-butyl ether	0.81	0.81	U
75-34-3	1,1-Dichloroethane	0.30	0.30	U
590-20-7	2,2-Dichloropropane	0.28	0.28	U
156-59-2	c-1,2-Dichloroethene	0.38	0.38	U
78-93-3	2-Butanone	2.35	2.35	U
74-97-5	Bromochloromethane	0.48	0.48	U
67-66-3	Chloroform	0.13	0.13	U
71-55-6	1,1,1-Trichloroethane	0.11	0.11	U
56-23-5	Carbon Tetrachloride	0.23	0.23	U
563-58-6	1,1-Dichloropropene	0.83	0.83	U
71-43-2	Benzene	0.44	0.44	U
107-06-2	1,2-Dichloroethane	0.46	0.46	U
79-01-6	Trichloroethene	0.19	0.19	U
78-87-5	1,2-Dichloropropane	0.41	0.41	U
74-95-3	Dibromomethane	0.38	0.38	U
75-27-4	Bromodichloromethane	0.31	0.31	U
110-75-8	2-Chloroethylvinylether	1.25	1.25	U
10061-01-5	c-1,3-Dichloropropene	0.24	0.24	U
108-10-1	4-Methyl-2-pentanone	1.15	1.15	U
108-88-3	Toluene	0.30	0.30	U
10061-02-6	t-1,3-Dichloropropene	0.35	0.35	U
79-00-5	1,1,2-Trichloroethane	0.51	0.51	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.42	0.42	U
591-78-6	2-Hexanone	1.67	1.67	U
124-48-1	Dibromochloromethane	0.23	0.23	U

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ANALYSIS REPORT - EPA 8260

Sample: J4652-6-continue
Client Sample ID: S-06A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/3/99 13.15
% Solids: 82.4%

Analyzed: 12/8/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.31	0.31	U
108-90-7	Chlorobenzene	0.23	0.23	U
630-20-6	1,1,1,2-Tetrachloroethane	0.30	0.30	U
100-41-4	Ethylbenzene	0.50	0.50	U
108-38-3	m,p-xylene	0.40	0.40	U
95-47-6	o-xylene	0.47	0.47	U
100-42-5	Styrene	0.30	0.30	U
75-25-2	Bromoform	0.19	0.19	U
98-82-8	Isopropylbenzene	0.13	0.13	U
108-86-1	Bromobenzene	0.18	0.18	U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	0.40	U
103-65-1	n-Propylbenzene	0.40	0.40	U
96-18-4	1,2,3-Trichloropropane	0.69	0.69	U
622-96-8	p-Ethyltoluene	0.23	0.23	U
108-67-8	1,3,5-Trimethylbenzene	0.25	0.25	U
95-49-8	2-Chlorotoluene	0.54	0.54	U
106-43-4	4-Chlorotoluene	0.46	0.46	U
98-06-6	tert-Butylbenzene	0.22	0.22	U
95-63-6	1,2,4-Trimethylbenzene	0.13	0.13	U
135-98-8	sec-Butylbenzene	0.16	0.16	U
99-87-6	4-Isopropyltoluene	0.22	0.22	U
541-73-1	1,3-Dichlorobenzene	0.31	0.31	U
106-46-7	1,4-Dichlorobenzene	0.31	0.31	U
95-50-1	1,2-Dichlorobenzene	0.22	0.22	U
105-05-5	p-Diethylbenzene	0.36	0.36	U
104-51-8	n-Butylbenzene	0.24	0.24	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.23	0.23	U
96-12-8	1,2-Dibromo-3-chloropropane	0.81	0.81	U
120-82-1	1,2,4-Trichlorobenzene	0.41	0.41	U
87-68-3	Hexachlorobutadiene	0.23	0.23	U
91-20-3	Naphthalene	0.36	0.36	U
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	U

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ANALYSIS REPORT - TCLP-EPA 8240/624

Sample: J4652-3

Client Sample ID: M-01
Matrix: Soil
Remarks: See case narrative

Type: Grab

Collected: 12/2/99 14.00
% Solids: 44.8%

Analyzed: 12/8/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
71-43-2	Benzene	0.00014	0.00014	U
56-23-5	Carbon Tetrachloride	0.00034	0.00034	U
108-90-7	Chlorobenzene	0.00021	0.00021	U
67-66-3	Chloroform	0.00026	0.00026	U
107-06-2	1,2-Dichloroethane	0.00019	0.00019	U
75-35-4	1,1-Dichloroethene	0.00048	0.00048	U
78-93-3	Methyl Ethyl Ketone	0.00082	**0.0019**	
127-18-4	Tetrachloroethene	0.00028	0.00028	U
79-01-6	Trichloroethene	0.00027	0.00027	U
75-01-4	Vinyl Chloride	0.00041	0.00041	U

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12/22/99

ANALYSIS REPORT - TCLP-EPA 8240/624

Sample: J4652-5

Client Sample ID: D-01 Collected: 12/2/99 13.00

Matrix: Soil Type: Grab % Solids: 39%

Remarks: See case narrative

Analyzed: 12/8/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
71-43-2	Benzene	0.00014	0.00014	U
56-23-5	Carbon Tetrachloride	0.00034	0.00034	U
108-90-7	Chlorobenzene	0.00021	0.00021	U
67-66-3	Chloroform	0.00026	0.00026	U
107-06-2	1,2-Dichloroethane	0.00019	0.00019	U
75-35-4	1,1-Dichloroethene	0.00048	0.00048	U
78-93-3	Methyl Ethyl Ketone	0.00082	0.00082	U
127-18-4	Tetrachloroethene	0.00028	0.00028	U
79-01-6	Trichloroethene	0.00027	0.00027	U
75-01-4	Vinyl Chloride	0.00041	0.00041	U

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12/22/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4652-1

Client Sample ID: S-06 Collected: 12/3/99 15.30

Matrix: Liquid Type: Grab

Remarks:

Analyzed: 12/9/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	0.38	0.38	U
111-44-4	bis(2-Chloroethyl)ether	0.68	0.68	U
95-57-8	2-Chlorophenol	1.24	1.24	U
541-73-1	1,3-Dichlorobenzene	1.45	1.45	U
106-46-7	1,4-Dichlorobenzene	1.42	1.42	U
100-51-6	Benzyl alcohol	1.85	1.85	U
95-50-1	1,2-Dichlorobenzene	1.40	1.40	U
95-48-7	2-Methylphenol	1.49	1.49	U
108-60-1	bis(2-Chloroisopropyl)ether	1.04	1.04	U
106-44-5	3,4-Methylphenol	2.59	2.59	U
621-64-7	N-Nitroso-di-n-propylamine	1.31	1.31	U
67-72-1	Hexachloroethane	2.20	2.20	U
98-95-3	Nitrobenzene	1.44	1.44	U
78-59-1	Isophorone	1.13	1.13	U
88-75-5	2-Nitrophenol	1.72	1.72	U
105-67-9	2,4-Dimethylphenol	1.30	1.30	U
65-85-0	Benzoic acid	2.99	2.99	U
111-91-1	bis(2-Chloroethoxy)methane	0.97	0.97	U
120-83-2	2,4-Dichlorophenol	1.30	1.30	U
120-82-1	1,2,4-Trichlorobenzene	1.28	1.28	U
91-20-3	Naphthalene	1.25	1.25	U
106-47-8	4-Chloroaniline	0.84	0.84	U
87-68-3	Hexachlorobutadiene	1.96	1.96	U
59-50-7	4-Chloro-3-methylphenol	1.24	1.24	U
91-57-6	2-Methylnaphthalene	1.03	1.03	U
77-47-4	Hexachlorocyclopentadiene	2.59	2.59	U
88-06-2	2,4,6-Trichlorophenol	1.02	1.02	U
95-95-4	2,4,5-Trichlorophenol	1.10	1.10	U
91-58-7	2-Chloronaphthalene	1.28	1.28	U
88-74-4	2-Nitroaniline	1.34	1.34	U
131-11-3	Dimethyl phthalate	4.27	4.27	U
208-96-8	Acenaphthylene	1.20	1.20	U
606-20-2	2,6-Dinitrotoluene	1.01	1.01	U
99-09-2	3-Nitroaniline	0.83	0.83	U
83-32-9	Acenaphthene	1.15	**0.90**	J
51-28-5	2,4-Dinitrophenol	5.57	5.57	U
100-02-7	4-Nitrophenol	2.29	2.29	U
132-64-9	Dibenzofuran	0.80	0.80	U
121-14-2	2,4-Dinitrotoluene	1.22	1.22	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4652-1-continue
Client Sample ID: S-06 Collected: 12/3/99 15.30
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/9/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	3.10	3.10	U
7005-72-3	4-Chlorophenyl-phenyl ether	0.82	0.82	U
86-73-7	Fluorene	1.01	1.01	U
100-01-6	4-Nitroaniline	1.02	1.02	U
534-52-1	4,6-Dinitro-2-methylphenol	3.05	3.05	U
86-30-6	N-nitrosodiphenylamine	0.68	0.68	U
101-55-3	4-Bromophenyl-phenylether	0.60	0.60	U
118-74-1	Hexachlorobenzene	0.98	0.98	U
87-86-5	Pentachlorophenol	2.69	2.69	U
85-01-8	Phenanthrene	0.77	**0.57**	J
120-12-7	Anthracene	0.85	0.85	U
84-74-2	Di-n-butylphthalate	3.48	**1.80**	J
206-44-0	Fluoranthene	1.02	1.02	U
129-00-0	Pyrene	0.78	**0.54**	J
85-68-7	Butylbenzylphthalate	3.48	3.48	U
91-94-1	3,3'-Dichlorobenzidine	0.82	0.82	U
56-55-3	Benzo(a)anthracene	0.74	0.74	U
218-01-9	Chrysene	1.31	1.31	U
117-81-7	bis(2-Ethylhexyl)phthalate	1.26	**2.50**	
117-84-0	Di-n-octylphthalate	1.01	1.01	U
205-99-2	Benzo(b)fluoranthene	3.02	3.02	U
207-08-9	Benzo(k)fluoranthene	2.40	2.40	U
50-32-8	Benzo(a)pyrene	0.97	0.97	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.80	0.80	U
53-70-3	Dibenzo(a,h)anthracene	0.83	0.83	U
191-24-2	Benzo(g,h,i)perylene	0.78	**0.64**	J

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4652-3

Client Sample ID: M-01 Collected: 12/2/99 14.00

Matrix: Soil Type: Grab % Solids: 44.8%

Remarks:

Analyzed: 12/9/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	51.1	51.1	U
111-44-4	bis(2-Chloroethyl)ether	73.2	73.2	U
95-57-8	2-Chlorophenol	66.5	66.5	U
541-73-1	1,3-Dichlorobenzene	39.1	39.1	U
106-46-7	1,4-Dichlorobenzene	67.0	67.0	U
100-51-6	Benzyl alcohol	47.5	47.5	U
95-50-1	1,2-Dichlorobenzene	72.5	72.5	U
95-48-7	2-Methylphenol	83.5	83.5	U
108-60-1	bis(2-Chloroisopropyl)ether	99.0	99.0	U
106-44-5	3,4-Methylphenol	280	280	U
621-64-7	N-Nitroso-di-n-propylamine	87.7	87.7	U
67-72-1	Hexachloroethane	99.7	99.7	U
98-95-3	Nitrobenzene	76.7	76.7	U
78-59-1	Isophorone	78.9	78.9	U
88-75-5	2-Nitrophenol	112	112	U
105-67-9	2,4-Dimethylphenol	75.8	75.8	U
65-85-0	Benzoic acid	467	467	U
111-91-1	bis(2-Chloroethoxy)methane	64.5	64.5	U
120-83-2	2,4-Dichlorophenol	115	115	U
120-82-1	1,2,4-Trichlorobenzene	62.3	62.3	U
91-20-3	Naphthalene	59.4	**172**	
106-47-8	4-Chloroaniline	55.0	55.0	U
87-68-3	Hexachlorobutadiene	78.9	78.9	U
59-50-7	4-Chloro-3-methylphenol	130	130	U
91-57-6	2-Methylnaphthalene	83.5	**122**	
77-47-4	Hexachlorocyclopentadiene	59.2	59.2	U
88-06-2	2,4,6-Trichlorophenol	87.1	87.1	U
95-95-4	2,4,5-Trichlorophenol	127	127	U
91-58-7	2-Chloronaphthalene	61.0	61.0	U
88-74-4	2-Nitroaniline	129	129	U
131-11-3	Dimethyl phthalate	115	115	U
208-96-8	Acenaphthylene	78.0	**190**	
606-20-2	2,6-Dinitrotoluene	95.0	95.0	U
99-09-2	3-Nitroaniline	215	215	U
83-32-9	Acenaphthene	86.4	**108**	
51-28-5	2,4-Dinitrophenol	189	189	U
100-02-7	4-Nitrophenol	426	426	U
132-64-9	Dibenzofuran	91.5	**97.2**	
121-14-2	2,4-Dinitrotoluene	121	121	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4652-3-continue

Client Sample ID: M-01 Collected: 12/2/99 14.00

Matrix: Soil Type: Grab % Solids: 44.8%

Remarks:

Analyzed: 12/9/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	196	196	U
7005-72-3	4-Chlorophenyl-phenyl ether	114	114	U
86-73-7	Fluorene	86.2	126	
100-01-6	4-Nitroaniline	177	177	U
534-52-1	4,6-Dinitro-2-methylphenol	176	176	U
86-30-6	N-nitrosodiphenylamine	160	160	U
101-55-3	4-Bromophenyl-phenylether	121	121	U
118-74-1	Hexachlorobenzene	136	136	U
87-86-5	Pentachlorophenol	218	218	U
85-01-8	Phenanthrene	125	1890	
120-12-7	Anthracene	115	486	
84-74-2	Di-n-butylphthalate	191	389	
206-44-0	Fluoranthene	146	3920	
129-00-0	Pyrene	138	2990	
85-68-7	Butylbenzylphthalate	196	756	
91-94-1	3,3'-Dichlorobenzidine	188	188	U
56-55-3	Benzo(a)anthracene	134	1940	
218-01-9	Chrysene	137	2110	
117-81-7	bis(2-Ethylhexyl)phthalate	224	4880	
117-84-0	Di-n-octylphthalate	197	197	U
205-99-2	Benzo(b)fluoranthene	162	1870	
207-08-9	Benzo(k)fluoranthene	174	1890	
50-32-8	Benzo(a)pyrene	151	1720	
193-39-5	Indeno(1,2,3-cd)pyrene	245	791	
53-70-3	Dibenzo(a,h)anthracene	227	349	
191-24-2	Benzo(g,h,i)perylene	159	727	

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4652-4
Client Sample ID: S-07
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/3/99 12.30
% Solids: 87.3%

Analyzed: 12/9/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	26.6	**72.2**	
111-44-4	bis(2-Chloroethyl)ether	38.1	38.1	U
95-57-8	2-Chlorophenol	34.6	34.6	U
541-73-1	1,3-Dichlorobenzene	20.4	20.4	U
106-46-7	1,4-Dichlorobenzene	34.8	34.8	U
100-51-6	Benzyl alcohol	24.7	24.7	U
95-50-1	1,2-Dichlorobenzene	37.7	37.7	U
95-48-7	2-Methylphenol	43.5	43.5	U
108-60-1	bis(2-Chloroisopropyl)ether	51.5	51.5	U
106-44-5	3,4-Methylphenol	146	146	U
621-64-7	N-Nitroso-di-n-propylamine	45.7	45.7	U
67-72-1	Hexachloroethane	51.9	51.9	U
98-95-3	Nitrobenzene	39.9	39.9	U
78-59-1	Isophorone	41.1	41.1	U
88-75-5	2-Nitrophenol	58.3	58.3	U
105-67-9	2,4-Dimethylphenol	39.4	39.4	U
65-85-0	Benzoic acid	243	243	U
111-91-1	bis(2-Chloroethoxy)methane	33.6	33.6	U
120-83-2	2,4-Dichlorophenol	59.7	59.7	U
120-82-1	1,2,4-Trichlorobenzene	32.4	32.4	U
91-20-3	Naphthalene	30.9	30.9	U
106-47-8	4-Chloroaniline	28.6	28.6	U
87-68-3	Hexachlorobutadiene	41.1	41.1	U
59-50-7	4-Chloro-3-methylphenol	67.7	67.7	U
91-57-6	2-Methylnaphthalene	43.5	43.5	U
77-47-4	Hexachlorocyclopentadiene	30.8	30.8	U
88-06-2	2,4,6-Trichlorophenol	45.3	45.3	U
95-95-4	2,4,5-Trichlorophenol	65.9	65.9	U
91-58-7	2-Chloronaphthalene	31.7	31.7	U
88-74-4	2-Nitroaniline	67.0	67.0	U
131-11-3	Dimethyl phthalate	60.0	60.0	U
208-96-8	Acenaphthylene	40.6	40.6	U
606-20-2	2,6-Dinitrotoluene	49.5	49.5	U
99-09-2	3-Nitroaniline	112	112	U
83-32-9	Acenaphthene	45.0	45.0	U
51-28-5	2,4-Dinitrophenol	98.4	98.4	U
100-02-7	4-Nitrophenol	222	222	U
132-64-9	Dibenzofuran	47.6	47.6	U
121-14-2	2,4-Dinitrotoluene	62.9	62.9	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4652-4-continue
Client Sample ID: S-07
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/3/99 12.30
% Solids: 87.3%

Analyzed: 12/9/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	102	102	U
7005-72-3	4-Chlorophenyl-phenyl ether	59.5	59.5	U
86-73-7	Fluorene	44.8	44.8	U
100-01-6	4-Nitroaniline	92.2	92.2	U
534-52-1	4,6-Dinitro-2-methylphenol	91.7	91.7	U
86-30-6	N-nitrosodiphenylamine	83.3	83.3	U
101-55-3	4-Bromophenyl-phenylether	63.1	63.1	U
118-74-1	Hexachlorobenzene	70.7	70.7	U
87-86-5	Pentachlorophenol	114	114	U
85-01-8	Phenanthrene	65.2	**101**	
120-12-7	Anthracene	59.9	59.9	U
84-74-2	Di-n-butylphthalate	99.4	99.4	U
206-44-0	Fluoranthene	76.0	**281**	
129-00-0	Pyrene	71.9	**257**	
85-68-7	Butylbenzylphthalate	102	102	U
91-94-1	3,3'-Dichlorobenzidine	97.6	97.6	U
56-55-3	Benzo(a)anthracene	69.8	**188**	
218-01-9	Chrysene	71.1	**197**	
117-81-7	bis(2-Ethylhexyl)phthalate	117	**82.5**	J
117-84-0	Di-n-octylphthalate	102	102	U
205-99-2	Benzo(b)fluoranthene	84.5	**198**	
207-08-9	Benzo(k)fluoranthene	90.6	**181**	
50-32-8	Benzo(a)pyrene	78.4	**228**	
193-39-5	Indeno(1,2,3-cd)pyrene	128	**159**	
53-70-3	Dibenzo(a,h)anthracene	118	**69.9**	J
191-24-2	Benzo(g,h,i)perylene	82.9	**180**	

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4652-5
Client Sample ID: D-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 13.00
% Solids: 39%

Analyzed: 12/9/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	110	110	U
111-44-4	bis(2-Chloroethyl)ether	97.3	97.3	U
95-57-8	2-Chlorophenol	873	873	U
541-73-1	1,3-Dichlorobenzene	38.4	38.4	U
106-46-7	1,4-Dichlorobenzene	81.9	81.9	U
100-51-6	Benzyl alcohol	970	970	U
95-50-1	1,2-Dichlorobenzene	69.1	69.1	U
95-48-7	2-Methylphenol	87.0	87.0	U
108-60-1	bis(2-Chloroisopropyl)ether	159	159	U
106-44-5	3,4-Methylphenol	92.2	92.2	U
621-64-7	N-Nitroso-di-n-propylamine	207	207	U
67-72-1	Hexachloroethane	102	102	U
98-95-3	Nitrobenzene	66.6	66.6	U
78-59-1	Isophorone	113	113	U
88-75-5	2-Nitrophenol	535	535	U
105-67-9	2,4-Dimethylphenol	709	709	U
65-85-0	Benzoic acid	1150	1150	U
111-91-1	bis(2-Chloroethoxy)methane	76.8	76.8	U
120-83-2	2,4-Dichlorophenol	38.4	38.4	U
120-82-1	1,2,4-Trichlorobenzene	76.8	76.8	U
91-20-3	Naphthalene	66.6	**269**	
106-47-8	4-Chloroaniline	274	274	U
87-68-3	Hexachlorobutadiene	110	110	U
59-50-7	4-Chloro-3-methylphenol	812	812	U
91-57-6	2-Methylnaphthalene	89.6	**174**	
77-47-4	Hexachlorocyclopentadiene	1490	1490	U
88-06-2	2,4,6-Trichlorophenol	689	689	U
95-95-4	2,4,5-Trichlorophenol	627	627	U
91-58-7	2-Chloronaphthalene	58.9	58.9	U
88-74-4	2-Nitroaniline	681	681	U
131-11-3	Dimethyl phthalate	143	143	U
208-96-8	Acenaphthylene	74.2	**303**	
606-20-2	2,6-Dinitrotoluene	673	673	U
99-09-2	3-Nitroaniline	351	351	U
83-32-9	Acenaphthene	74.2	**262**	
51-28-5	2,4-Dinitrophenol	1060	1060	U
100-02-7	4-Nitrophenol	717	717	U
132-64-9	Dibenzofuran	87.0	**179**	
121-14-2	2,4-Dinitrotoluene	689	689	U

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12/22/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4652-5-continue
Client Sample ID: D-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 13.00
% Solids: 39%

Analyzed: 12/9/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	218	218	U
7005-72-3	4-Chlorophenyl-phenyl ether	118	118	U
86-73-7	Fluorene	105	**269**	
100-01-6	4-Nitroaniline	404	404	U
534-52-1	4,6-Dinitro-2-methylphenol	527	527	U
86-30-6	N-nitrosodiphenylamine	161	161	U
101-55-3	4-Bromophenyl-phenylether	146	146	U
118-74-1	Hexachlorobenzene	238	238	U
87-86-5	Pentachlorophenol	494	494	U
85-01-8	Phenanthrene	146	**3460**	
120-12-7	Anthracene	133	**713**	
84-74-2	Di-n-butylphthalate	259	**903**	
206-44-0	Fluoranthene	174	**6820**	
129-00-0	Pyrene	177	**6170**	
85-68-7	Butylbenzylphthalate	317	**2200**	
91-94-1	3,3'-Dichlorobenzidine	660	660	U
56-55-3	Benzo(a)anthracene	164	**3280**	
218-01-9	Chrysene	161	**4030**	
117-81-7	bis(2-Ethylhexyl)phthalate	315	**9430**	
117-84-0	Di-n-octylphthalate	189	189	U
205-99-2	Benzo(b)fluoranthene	141	**3450**	
207-08-9	Benzo(k)fluoranthene	172	**3270**	
50-32-8	Benzo(a)pyrene	133	**3240**	
193-39-5	Indeno(1,2,3-cd)pyrene	146	**2470**	
53-70-3	Dibenzo(a,h)anthracene	146	**895**	
191-24-2	Benzo(g,h,i)perylene	172	**2600**	

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4652-6
Client Sample ID: S-06A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/3/99 13.15
% Solids: 82.4%

Analyzed: 12/9/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	27.5	82.1	
111-44-4	bis(2-Chloroethyl)ether	39.4	39.4	U
95-57-8	2-Chlorophenol	35.8	35.8	U
541-73-1	1,3-Dichlorobenzene	21.1	21.1	U
106-46-7	1,4-Dichlorobenzene	36.1	36.1	U
100-51-6	Benzyl alcohol	25.6	25.6	U
95-50-1	1,2-Dichlorobenzene	39.0	39.0	U
95-48-7	2-Methylphenol	45.0	45.0	U
108-60-1	bis(2-Chloroisopropyl)ether	53.3	53.3	U
106-44-5	3,4-Methylphenol	151	151	U
621-64-7	N-Nitroso-di-n-propylamine	47.2	47.2	U
67-72-1	Hexachloroethane	53.7	53.7	U
98-95-3	Nitrobenzene	41.3	41.3	U
78-59-1	Isophorone	42.5	42.5	U
88-75-5	2-Nitrophenol	60.3	60.3	U
105-67-9	2,4-Dimethylphenol	40.8	40.8	U
65-85-0	Benzoic acid	251	251	U
111-91-1	bis(2-Chloroethoxy)methane	34.7	34.7	U
120-83-2	2,4-Dichlorophenol	61.8	61.8	U
120-82-1	1,2,4-Trichlorobenzene	33.6	33.6	U
91-20-3	Naphthalene	32.0	144	
106-47-8	4-Chloroaniline	29.6	29.6	U
87-68-3	Hexachlorobutadiene	42.5	42.5	U
59-50-7	4-Chloro-3-methylphenol	70.1	70.1	U
91-57-6	2-Methylnaphthalene	45.0	107	
77-47-4	Hexachlorocyclopentadiene	31.9	31.9	U
88-06-2	2,4,6-Trichlorophenol	46.9	46.9	U
95-95-4	2,4,5-Trichlorophenol	68.2	68.2	U
91-58-7	2-Chloronaphthalene	32.8	32.8	U
88-74-4	2-Nitroaniline	69.4	69.4	U
131-11-3	Dimethyl phthalate	62.1	62.1	U
208-96-8	Acenaphthylene	42.0	509	
606-20-2	2,6-Dinitrotoluene	51.2	51.2	U
99-09-2	3-Nitroaniline	116	116	U
83-32-9	Acenaphthene	46.5	207	
51-28-5	2,4-Dinitrophenol	102	102	U
100-02-7	4-Nitrophenol	230	230	U
132-64-9	Dibenzofuran	49.3	153	
121-14-2	2,4-Dinitrotoluene	65.1	65.1	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4652-6-continue
Client Sample ID: S-06A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/3/99 13.15
% Solids: 82.4%

Analyzed: 12/9/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	105	105	U
7005-72-3	4-Chlorophenyl-phenyl ether	61.5	61.5	U
86-73-7	Fluorene	46.4	257	
100-01-6	4-Nitroaniline	95.4	95.4	U
534-52-1	4,6-Dinitro-2-methylphenol	94.8	94.8	U
86-30-6	N-nitrosodiphenylamine	86.2	86.2	U
101-55-3	4-Bromophenyl-phenylether	65.3	65.3	U
118-74-1	Hexachlorobenzene	73.2	73.2	U
87-86-5	Pentachlorophenol	117	464	
85-01-8	Phenanthrene	67.5	3860	
120-12-7	Anthracene	62.0	872	
84-74-2	Di-n-butylphthalate	103	171	
206-44-0	Fluoranthene	78.7	5970	
129-00-0	Pyrene	74.4	4580	
85-68-7	Butylbenzylphthalate	106	106	U
91-94-1	3,3'-Dichlorobenzidine	101	101	U
56-55-3	Benzo(a)anthracene	72.2	2970	
218-01-9	Chrysene	73.5	3350	
117-81-7	bis(2-Ethylhexyl)phthalate	121	331	
117-84-0	Di-n-octylphthalate	106	106	U
205-99-2	Benzo(b)fluoranthene	87.5	2550	
207-08-9	Benzo(k)fluoranthene	93.8	2560	
50-32-8	Benzo(a)pyrene	81.2	2480	
193-39-5	Indeno(1,2,3-cd)pyrene	132	1260	
53-70-3	Dibenzo(a,h)anthracene	122	516	
191-24-2	Benzo(g,h,i)perylene	85.8	1240	

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ANALYSIS REPORT - TCLP Semi-Volatiles

Sample: J4652-3

Client Sample ID: M-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 14.00
% Solids: 44.8%

Analyzed: 12/9/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
95-48-7	o-cresol	0.0012	0.0012	U
106-44-5	m,p-cresol	0.0022	0.0022	U
	Cresol	0.0034	0.0034	U
106-46-7	1,4-Dichlorobenzene	0.0012	0.0012	U
121-14-2	2,4-Dinitrotoluene	0.0010	0.0010	U
118-74-1	Hexachlorobenzene	0.00082	0.00082	U
87-68-3	Hexachlorobutadiene	0.0016	0.0016	U
67-72-1	Hexachloroethane	0.0018	0.0018	U
98-95-3	Nitrobenzene	0.0012	0.0012	U
87-86-5	Pentachlorophenol	0.0022	0.0022	U
110-86-1	Pyridine	0.0011	0.0011	U
95-95-4	2,4,5-Trichlorophenol	0.00092	0.00092	U
88-06-2	2,4,6-Trichlorophenol	0.00085	0.00085	U

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ANALYSIS REPORT - TCLP Semi-Volatiles

Sample: J4652-5
Client Sample ID: D-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 13.00
% Solids: 39%

Analyzed: 12/9/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
95-48-7	o-cresol	0.0012	0.0012	U
106-44-5	m,p-cresol	0.0022	0.0022	U
	Cresol	0.0034	0.0034	U
106-46-7	1,4-Dichlorobenzene	0.0012	0.0012	U
121-14-2	2,4-Dinitrotoluene	0.0010	0.0010	U
118-74-1	Hexachlorobenzene	0.00082	0.00082	U
87-68-3	Hexachlorobutadiene	0.0016	0.0016	U
67-72-1	Hexachloroethane	0.0018	0.0018	U
98-95-3	Nitrobenzene	0.0012	0.0012	U
87-86-5	Pentachlorophenol	0.0022	0.0022	U
110-86-1	Pyridine	0.0011	0.0011	U
95-95-4	2,4,5-Trichlorophenol	0.00092	0.00092	U
88-06-2	2,4,6-Trichlorophenol	0.00085	0.00085	U

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12/22/99

ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4652-1
Client Sample ID: S-06 Collected: 12/3/99 15.30
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/12/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.082	0.082	U
11104-28-2	PCB 1221	0.031	0.031	U
11141-16-5	PCB 1232	0.11	0.11	U
53469-21-9	PCB 1242	0.020	0.020	U
12672-29-6	PCB 1248	0.092	0.092	U
11097-69-1	PCB 1254	0.041	0.041	U
11096-82-5	PCB 1260	0.082	0.082	U

Sample: J4652-3
Client Sample ID: M-01 Collected: 12/2/99 14.00
Matrix: Soil Type: Grab % Solids: 44.8%
Remarks:

Analyzed: 12/12/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	8.35	8.35	U
11104-28-2	PCB 1221	35.6	35.6	U
11141-16-5	PCB 1232	18.9	18.9	U
53469-21-9	PCB 1242	7.89	7.89	U
12672-29-6	PCB 1248	17.9	17.9	U
11097-69-1	PCB 1254	4.15	4.15	U
11096-82-5	PCB 1260	11.8	**61.2**	

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4652-4
Client Sample ID: S-07
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/3/99 12.30
% Solids: 87.3%

Analyzed: 12/12/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.23	4.23	U
11104-28-2	PCB 1221	18.0	18.0	U
11141-16-5	PCB 1232	9.55	9.55	U
53469-21-9	PCB 1242	4.00	4.00	U
12672-29-6	PCB 1248	9.06	9.06	U
11097-69-1	PCB 1254	2.11	2.11	U
11096-82-5	PCB 1260	6.00	6.00	U

Sample: J4652-5
Client Sample ID: D-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 13.00
% Solids: 39%

Analyzed: 12/12/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	9.68	9.68	U
11104-28-2	PCB 1221	41.2	41.2	U
11141-16-5	PCB 1232	21.8	21.8	U
53469-21-9	PCB 1242	9.14	9.14	U
12672-29-6	PCB 1248	20.7	20.7	U
11097-69-1	PCB 1254	4.81	4.81	U
11096-82-5	PCB 1260	13.7	**39.0**	

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4652-6
Client Sample ID: S-06A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/3/99 13.15
% Solids: 82.4%

Analyzed: 12/12/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.50	4.50	U
11104-28-2	PCB 1221	19.2	19.2	U
11141-16-5	PCB 1232	10.2	10.2	U
53469-21-9	PCB 1242	4.25	4.25	U
12672-29-6	PCB 1248	9.63	9.63	U
11097-69-1	PCB 1254	2.24	2.24	U
11096-82-5	PCB 1260	6.38	31.1	

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4652-1
Client Sample ID: S-06 Collected: 12/3/99 15.30
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/12/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	0.015	U
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.022	0.022	U
319-86-8	d-BHC	0.012	0.012	U
309-00-2	Aldrin	0.015	0.015	U
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	0.015	U
72-20-8	Endrin	0.017	0.017	U
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.017	0.017	U
50-29-3	4,4'-DDT	0.0051	0.0051	U
7421-36-3	Endrin aldehyde	0.0051	0.0051	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.012	0.012	U
5103-74-2	gamma-Chlordane	0.012	0.012	U
57-74-9	Chlordane	0.031	0.031	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0061	0.0061	U
53494-70-5	Endrin ketone	0.020	0.020	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4652-3

Client Sample ID: M-01 Collected: 12/2/99 14.00

Matrix: Soil Type: Grab % Solids: 44.8%

Remarks:

Analyzed: 12/12/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	1.22	1.22	U
58-89-9	g-BHC (Lindane)	1.33	1.33	U
319-85-7	b-BHC	3.93	3.93	U
76-44-8	Heptachlor	1.66	1.66	U
319-86-8	d-BHC	3.01	3.01	U
309-00-2	Aldrin	1.33	1.33	U
1024-57-3	Heptachlor epoxide	1.64	1.64	U
959-98-8	Endosulfan I	1.13	1.13	U
72-55-9	4,4'-DDE	1.04	1.04	U
60-57-1	Dieldrin	0.91	0.91	U
72-20-8	Endrin	1.57	1.57	U
72-54-8	4,4'-DDD	1.06	1.06	U
33213-65-9	Endosulfan II	1.02	1.02	U
50-29-3	4,4'-DDT	3.71	3.71	U
7421-36-3	Endrin aldehyde	1.11	1.11	U
1031-07-8	Endosulfan sulfate	0.97	0.97	U
5103-71-9	alpha-Chlordane	1.17	1.17	U
5103-74-2	gamma-Chlordane	0.91	0.91	U
57-74-9	Chlordane	7.12	7.12	U
8001-35-2	Toxaphene	40.9	40.9	U
72-43-5	Methoxychlor	3.87	3.87	U
53494-70-5	Endrin ketone	1.24	1.24	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

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Sample: J4652-4
Client Sample ID: S-07
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/3/99 12.30
% Solids: 87.3%

Analyzed: 12/12/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.62	0.62	U
58-89-9	g-BHC (Lindane)	0.67	0.67	U
319-85-7	b-BHC	1.99	1.99	U
76-44-8	Heptachlor	0.84	0.84	U
319-86-8	d-BHC	1.52	1.52	U
309-00-2	Aldrin	0.67	0.67	U
1024-57-3	Heptachlor epoxide	0.83	0.83	U
959-98-8	Endosulfan I	0.57	0.57	U
72-55-9	4,4'-DDE	0.53	0.53	U
60-57-1	Dieldrin	0.46	0.46	U
72-20-8	Endrin	0.80	0.80	U
72-54-8	4,4'-DDD	0.54	0.54	U
33213-65-9	Endosulfan II	0.52	0.52	U
50-29-3	4,4'-DDT	1.88	1.88	U
7421-36-3	Endrin aldehyde	0.56	0.56	U
1031-07-8	Endosulfan sulfate	0.49	0.49	U
5103-71-9	alpha-Chlordane	0.59	0.59	U
5103-74-2	gamma-Chlordane	0.46	0.46	U
57-74-9	Chlordane	3.61	3.61	U
8001-35-2	Toxaphene	20.7	20.7	U
72-43-5	Methoxychlor	1.96	1.96	U
53494-70-5	Endrin ketone	0.63	0.63	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4652-5

Client Sample ID: D-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 13.00
% Solids: 39%

Analyzed: 12/12/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	1.41	1.41	U
58-89-9	g-BHC (Lindane)	1.54	1.54	U
319-85-7	b-BHC	4.56	4.56	U
76-44-8	Heptachlor	1.92	1.92	U
319-86-8	d-BHC	3.48	3.48	U
309-00-2	Aldrin	1.54	1.54	U
1024-57-3	Heptachlor epoxide	1.89	1.89	U
959-98-8	Endosulfan I	1.31	1.31	U
72-55-9	4,4'-DDE	1.20	1.20	U
60-57-1	Dieldrin	1.05	1.05	U
72-20-8	Endrin	1.82	1.82	U
72-54-8	4,4'-DDD	1.23	1.23	U
33213-65-9	Endosulfan II	1.18	1.18	U
50-29-3	4,4'-DDT	4.30	4.30	U
7421-36-3	Endrin aldehyde	1.28	1.28	U
1031-07-8	Endosulfan sulfate	1.13	1.13	U
5103-71-9	alpha-Chlordane	1.36	1.36	U
5103-74-2	gamma-Chlordane	1.05	1.05	U
57-74-9	Chlordane	8.24	8.24	U
8001-35-2	Toxaphene	47.4	47.4	U
72-43-5	Methoxychlor	4.48	4.48	U
53494-70-5	Endrin ketone	1.43	1.43	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4652-6

Client Sample ID: S-06A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/3/99 13.15
% Solids: 82.4%

Analyzed: 12/12/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.65	0.65	U
58-89-9	g-BHC (Lindane)	0.71	0.71	U
319-85-7	b-BHC	2.12	2.12	U
76-44-8	Heptachlor	0.89	0.89	U
319-86-8	d-BHC	1.62	1.62	U
309-00-2	Aldrin	0.71	0.71	U
1024-57-3	Heptachlor epoxide	0.88	0.88	U
959-98-8	Endosulfan I	0.61	0.61	U
72-55-9	4,4'-DDE	0.56	0.56	U
60-57-1	Dieldrin	0.49	0.49	U
72-20-8	Endrin	0.84	0.84	U
72-54-8	4,4'-DDD	0.57	0.57	U
33213-65-9	Endosulfan II	0.55	0.55	U
50-29-3	4,4'-DDT	2.00	2.00	U
7421-36-3	Endrin aldehyde	0.60	0.60	U
1031-07-8	Endosulfan sulfate	0.52	0.52	U
5103-71-9	alpha-Chlordane	0.63	0.63	U
5103-74-2	gamma-Chlordane	0.49	0.49	U
57-74-9	Chlordane	3.83	3.83	U
8001-35-2	Toxaphene	22.0	22.0	U
72-43-5	Methoxychlor	2.08	2.08	U
53494-70-5	Endrin ketone	0.67	0.67	U

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ANALYSIS REPORT - METALS

Sample: J4652-1
Client Sample ID: S-06
Matrix: Liquid
Remarks:

Collected: 12/3/99 15.30

Type: Grab

Analyzed: 12/7/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	87.5	
7440-36-0	Antimony	0.011	0.028	
7440-38-2	Arsenic	0.0067	0.19	
7440-39-3	Barium	0.11	1.20	
7440-41-7	Beryllium	0.0022	0.0050	
7440-43-9	Cadmium	0.0033	0.0010	J
7440-70-2	Calcium	1.11	713	
7440-47-3	Chromium	0.0056	0.23	
7440-48-4	Cobalt	0.011	0.077	
7440-50-8	Copper	0.011	0.57	
7439-89-6	Iron	0.11	156	
7439-92-1	Lead	0.0022	2.95	
7439-95-4	Magnesium	1.11	503	
7439-96-5	Manganese	0.011	3.14	
7439-97-6	Mercury	0.000050	0.000050	U
7440-02-0	Nickel	0.011	0.16	
7440-09-7	Potassium	1.11	0.042	J
7782-49-2	Selenium	0.0056	0.042	
7440-22-4	Silver	0.0089	0.0089	U
7440-23-5	Sodium	1.11	3730	
7440-28-0	Thallium	0.060	0.060	U
7440-62-2	Vanadium	0.011	0.22	
7440-66-6	Zinc	0.011	2.18	

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ANALYSIS REPORT - METALS

Sample: J4652-3
Client Sample ID: M-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 14.00
% Solids: 44.8%

Analyzed: 12/8/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	39.0	**7650**	
7440-36-0	Antimony	11.1	**29.3**	
7440-38-2	Arsenic	1.12	**32.6**	
7440-39-3	Barium	22.3	**528**	
7440-41-7	Beryllium	0.45	**0.45**	J
7440-43-9	Cadmium	0.67	**11.6**	
7440-70-2	Calcium	223	**5990**	
7440-47-3	Chromium	1.78	**140**	
7440-48-4	Cobalt	8.92	**14.7**	
7440-50-8	Copper	3.35	**849**	
7439-89-6	Iron	11.1	**34500**	
7439-92-1	Lead	0.45	**1920**	
7439-95-4	Magnesium	223	**3790**	
7439-96-5	Manganese	2.23	**249**	
7439-97-6	Mercury	0.098	**32.3**	
7440-02-0	Nickel	5.57	**117**	
7440-09-7	Potassium	223	**540**	
7782-49-2	Selenium	0.67	**8.88**	
7440-22-4	Silver	1.78	**3.08**	
7440-23-5	Sodium	223	223	U
7440-28-0	Thallium	1.78	**5.98**	
7440-62-2	Vanadium	8.92	**127**	
7440-66-6	Zinc	3.35	**1250**	

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ANALYSIS REPORT - METALS

Sample: J4652-4
Client Sample ID: S-07
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/3/99 12.30
% Solids: 87.3%

Analyzed: 12/8/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	20.1	5620	
7440-36-0	Antimony	5.75	11.5	
7440-38-2	Arsenic	0.57	4.90	
7440-39-3	Barium	11.5	44.5	
7440-41-7	Beryllium	0.23	0.30	
7440-43-9	Cadmium	0.34	0.34	U
7440-70-2	Calcium	115	560	
7440-47-3	Chromium	0.92	13.4	
7440-48-4	Cobalt	4.60	5.87	
7440-50-8	Copper	1.73	21.3	
7439-89-6	Iron	5.75	14400	
7439-92-1	Lead	0.23	10.7	
7439-95-4	Magnesium	115	1860	
7439-96-5	Manganese	1.15	336	
7439-97-6	Mercury	0.0100	0.041	
7440-02-0	Nickel	2.88	15.9	
7440-09-7	Potassium	115	900	
7782-49-2	Selenium	0.34	2.10	
7440-22-4	Silver	0.92	0.92	U
7440-23-5	Sodium	115	355	
7440-28-0	Thallium	0.92	0.46	J
7440-62-2	Vanadium	4.60	18.4	
7440-66-6	Zinc	1.73	33.0	

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12/22/99

ANALYSIS REPORT - METALS

Sample: J4652-5
Client Sample ID: D-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 13.00
% Solids: 39%

Analyzed: 12/8/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	44.8	11300	
7440-36-0	Antimony	12.8	31.2	
7440-38-2	Arsenic	1.28	28.8	
7440-39-3	Barium	25.6	356	
7440-41-7	Beryllium	0.51	0.56	
7440-43-9	Cadmium	0.77	14.4	
7440-70-2	Calcium	256	15200	
7440-47-3	Chromium	2.05	424	
7440-48-4	Cobalt	10.2	24.6	
7440-50-8	Copper	3.84	2080	
7439-89-6	Iron	12.8	37700	
7439-92-1	Lead	0.51	2030	
7439-95-4	Magnesium	256	9890	
7439-96-5	Manganese	2.56	438	
7439-97-6	Mercury	0.11	23.2	
7440-02-0	Nickel	6.40	236	
7440-09-7	Potassium	256	1100	
7782-49-2	Selenium	0.77	9.27	
7440-22-4	Silver	2.05	6.48	
7440-23-5	Sodium	256	256	U
7440-28-0	Thallium	2.05	9.36	
7440-62-2	Vanadium	10.2	130	
7440-66-6	Zinc	3.84	1750	

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12/22/99

ANALYSIS REPORT - METALS

Sample: J4652-6
Client Sample ID: S-06A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/3/99 13.15
% Solids: 82.4%

Analyzed: 12/8/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	21.2	**4380**	
7440-36-0	Antimony	6.05	**13.2**	
7440-38-2	Arsenic	0.61	**36.9**	
7440-39-3	Barium	12.1	**95.8**	
7440-41-7	Beryllium	0.24	**0.25**	
7440-43-9	Cadmium	0.36	**1.50**	
7440-70-2	Calcium	121	**1810**	
7440-47-3	Chromium	0.97	**24.9**	
7440-48-4	Cobalt	4.84	**5.24**	
7440-50-8	Copper	1.82	**83.7**	
7439-89-6	Iron	6.05	**17100**	
7439-92-1	Lead	0.24	**414**	
7439-95-4	Magnesium	121	**1840**	
7439-96-5	Manganese	1.21	**232**	
7439-97-6	Mercury	0.011	**3.26**	
7440-02-0	Nickel	3.03	**24.6**	
7440-09-7	Potassium	121	**755**	
7782-49-2	Selenium	0.36	**5.46**	
7440-22-4	Silver	0.97	0.97	U
7440-23-5	Sodium	121	121	U
7440-28-0	Thallium	0.97	0.97	U
7440-62-2	Vanadium	4.84	**85.8**	
7440-66-6	Zinc	1.82	**206**	

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12/22/99

ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4652-1
Client Sample ID: S-06 Collected: 12/3/99 15.30
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/7/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**0.21**	
7440-36-0	Antimony	0.011	**0.0090**	J
7440-38-2	Arsenic	0.0067	**0.012**	
7440-39-3	Barium	0.11	**0.52**	
7440-41-7	Beryllium	0.0022	0.0022	U
7440-43-9	Cadmium	0.0033	0.0033	U
7440-70-2	Calcium	1.11	**330**	
7440-47-3	Chromium	0.0056	0.0056	U
7440-48-4	Cobalt	0.011	0.011	U
7440-50-8	Copper	0.011	**0.015**	
7439-89-6	Iron	0.11	**0.31**	
7439-92-1	Lead	0.0022	**0.0090**	
7439-95-4	Magnesium	1.11	**563**	
7439-96-5	Manganese	0.011	**0.24**	
7439-97-6	Mercury	0.000050	**0.0000100**	J
7440-02-0	Nickel	0.011	**0.0030**	J
7440-09-7	Potassium	1.11	**263**	
7782-49-2	Selenium	0.0056	**0.028**	
7440-22-4	Silver	0.0089	0.0089	U
7440-23-5	Sodium	1.11	**4200**	
7440-28-0	Thallium	0.060	0.060	U
7440-62-2	Vanadium	0.011	**0.0050**	J
7440-66-6	Zinc	0.011	**0.0070**	J

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12/22/99

ANALYSIS REPORT - TCLP - Metals

Sample: J4652-3
Client Sample ID: M-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 14.00
% Solids: 44.8%

Analyzed: 12/10/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7440-38-2	Arsenic	0.0067	0.0067	U
7440-39-3	Barium	0.11	**0.71**	
7440-43-9	Cadmium	0.0033	**0.040**	
7440-47-3	Chromium	0.0056	**0.013**	
7439-92-1	Lead	0.0022	**0.42**	
7439-97-6	Mercury	0.000050	**0.000052**	
7782-49-2	Selenium	0.0056	**0.0060**	
7440-22-4	Silver	0.0089	**0.0013**	J

Sample: J4652-5
Client Sample ID: D-01
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/2/99 13.00
% Solids: 39%

Analyzed: 12/10/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7440-38-2	Arsenic	0.0067	0.0067	U
7440-39-3	Barium	0.11	**0.92**	
7440-43-9	Cadmium	0.0033	**0.052**	
7440-47-3	Chromium	0.0056	**0.0080**	
7439-92-1	Lead	0.0022	**0.26**	
7439-97-6	Mercury	0.000050	**0.000074**	
7782-49-2	Selenium	0.0056	**0.012**	
7440-22-4	Silver	0.0089	**0.0030**	J

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1/7/00

ANALYSIS REPORT - WET LAB

Sample: J4652-1
Client Sample ID: S-06
Matrix: Liquid
Remarks:
Type: Grab
Collected: 12/3/99 15.30

Analyzed	Parameter	MDL	Result	Q	Units
12/8/99	Cyanide	0.0060	**0.048**		ppm

Sample: J4652-3
Client Sample ID: M-01
Matrix: Soil
Remarks:
Type: Grab
Collected: 12/2/99 14.00
% Solids: 44.8%

Analyzed	Parameter	MDL	Result	Q	Units
12/8/99	Total Rec.Petr. Hydrocarbons	4.54	**356**		ppm
12/8/99	Cyanide	0.27	**1.30**		ppm

Sample: J4652-4
Client Sample ID: S-07
Matrix: Soil
Remarks:
Type: Grab
Collected: 12/3/99 12.30
% Solids: 87.3%

Analyzed	Parameter	MDL	Result	Q	Units
12/8/99	Total Rec.Petr. Hydrocarbons	4.54	**44.6**		ppm
12/8/99	Cyanide	0.30	**0.34**		ppm

Sample: J4652-5
Client Sample ID: D-01
Matrix: Soil
Remarks:
Type: Grab
Collected: 12/2/99 13.00
% Solids: 39.0%

Analyzed	Parameter	MDL	Result	Q	Units
12/8/99	Total Rec.Petr. Hydrocarbons	4.54	**520**		ppm
12/8/99	Cyanide	0.27	**1.36**		ppm

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1/7/00

ANALYSIS REPORT - ANALYSIS REPORT - WET LAB

Sample: J4652-6

Client Sample ID: S-06A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/3/99 13.15
% Solids: 82.4%

Analyzed	Parameter	MDL	Result	Q	Units
12/8/99	Total Rec.Petr. Hydrocarbons	4.54	407		ppm
12/8/99	Cyanide	0.27	0.66		ppm

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1/7/00

CASE NARRATIVE

TCLP8240

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone
2-Butanone
4-Methyl,2-pentanone
2-Hexanone

M&P-Xylenes were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 10, 20, 50, 100 and 150 ppb levels.

Samples were quantitated using the continuing calibration standard response factor as opposed to the initial calibration average response factor.

Sample J4652-3 and -6 were analyzed twice with both sets of data indicating a poor recovery of the internal standard 1,4-Dichlorobenzene-d4.

Sample J4652-5 was analyzed twice with both sets of data indicating a poor recovery of the internal standards Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4. Matrix interference was proven to cause the low recovery of these internal standards.

8270

Sample #1,3,4,5,6 : Bis(2-ethylhexyl)phthalate, which was found in the blank associated with this sample, is a common laboratory contaminant.

Cyanide
The cyanide results were adjusted to reflect the % solids on 1/7/00.

Reviewed by: Patricia Werner

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12/22/99

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U -The analytical result is a non-detect.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit.

B -The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E -The concentration of the analyte exceeded the calibration range of the instrument.

D -This flag identifies all compounds identified in an analysis at a secondary dilution.

INORGANIC METHOD QUALIFIERS

C - Concentration qualifiers are as follows:

B -Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U -Entered when the analyte was analyzed for, but not detected.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit.

Q - Qualifier specific entries and their meanings are as follows:

E -Reported value is estimated because of the presence of interferences.

M - Method qualifiers are as follows:

A	-	Flame AA
AS	-	Semi-automated Spectrophotometric
AV	-	Automated Cold Vapor AA
C	-	Manual Spectrophotometric
F	-	Furnace AA
NR	-	The analyte is not required to be analyzed.
P	-	ICP
T	-	Titrimetric

ETL

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CHAIN OF CUSTODY DOCUMENT

J 4652

Project Name: North 1st Street | Project Manager: Ed Schwartz

Project Address: North 1st Street

Client: Con Ed | J/N: | Rush by: 1/3 1

Sampler (Signature): John Wiggins Myers (Print): John Wiggins Myers

SAMPLE INFO Type: SS = Split Spoon, G = Grab, C = Composite, B = Blank; Matrix: L = Liquid, S = Soil, SL = Sludge, A* = Air, W = Wipe; *Air - Vol (Liters) include Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total # Cont.
1	12/3/99	1530	G	L	S-06	
2	12/3/99	—	—	L	TB-2	1
3	12/2/99	1400	G	S	M-01	4
4	12/3/99	1230	G	S	S-07	4
5	12/2/99	1500	G	S	D-01	4
6	12/3/99	1315	C	S	S-06A	4
7						
8						
9						
10						
11						
12						
13		* TCLP =			VOC, S/VOC, Metals	
14		‡ TAL =			VOC, S/VOC, Metals (Total)	
15						

Analysis	601/602	BTX/BTEX	MTBE	TCLP VOLS	624/8260/8021	625/8270/BN	TCLP Semi	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals TCLP	pH/Flash/React	418.1 - TRPH	VOCs	Semi VOCs	Cyanide	TAL Metal, Filtered	TAL Metals, Unfiltered	TAL Metals, Filtered	TAL Metals
1								✓					✓	✓	✓	✓	✓		
2													✓						
3			✓		✓	✓			✓		X		✓	✓				✓	✓
4						✓					X		✓	✓				✓	✓
5			✓		✓	✓			✓		X		✓	✓				✓	✓
6						✓					X		✓	✓				✓	✓

Relinquished by (Signature): John Wiggins Myers	Date 12/3/99 Time 1900	Printed Name & Agent:	Received by (Signature):	Date / Time	Printed Name & Agent
Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received for Lab by (Signature):	Date 12/4/99 Time 1100	Printed Name
Comments & Special Instructions		QA/QC Type:	Number & Type of Containers:	Preservatives:	Temp: 4°

CLIENT COPY

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12/29/99

Custody Document J4654
Received: 12/14/99 11:55
Sampled by: John Dwyer Nixon

Project: Con Ed North First Street

Manager: Ed Schwetz

Respectfully submitted,
Environmental Testing Laboratories,Inc.

Assistant Laboratory Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
VA Cert. # 108
CA Cert. # 2253
NH Cert. # 252592-BA
MA Cert. # NY061
RI Cert. # 161
PA Cert. # 68-535

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4654-3
Client Sample ID: TB-4 Collected: 12/13/99
Matrix: Liquid Type: Blank
Remarks: See case narrative

Analyzed: 12/16/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.22	0.22	U
75-45-6	Chlorodifluoromethane	0.46	0.46	U
74-87-3	Chloromethane	0.38	0.38	U
75-01-4	Vinyl Chloride	0.41	0.41	U
74-83-9	Bromomethane	0.37	0.37	U
75-00-3	Chloroethane	0.25	0.25	U
75-69-4	Trichlorofluoromethane	0.32	0.32	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.26	0.26	U
75-35-4	1,1-Dichloroethene	0.48	0.48	U
67-64-1	Acetone	1.30	1.30	U
75-15-0	Carbon disulfide	0.21	0.21	U
75-09-2	Methylene Chloride	0.30	0.30	U
156-60-5	t-1,2-Dichloroethene	0.28	0.28	U
1634-04-4	Methyl t-butyl ether	0.23	0.23	U
75-34-3	1,1-Dichloroethane	0.18	0.18	U
590-20-7	2,2-Dichloropropane	0.37	0.37	U
156-59-2	c-1,2-Dichloroethene	0.34	0.34	U
78-93-3	2-Butanone	0.82	0.82	U
74-97-5	Bromochloromethane	0.26	0.26	U
67-66-3	Chloroform	0.26	0.26	U
71-55-6	1,1,1-Trichloroethane	0.31	0.31	U
56-23-5	Carbon Tetrachloride	0.34	0.34	U
563-58-6	1,1-Dichloropropene	0.68	0.68	U
71-43-2	Benzene	0.14	0.14	U
107-06-2	1,2-Dichloroethane	0.19	0.19	U
79-01-6	Trichloroethene	0.27	0.27	U
78-87-5	1,2-Dichloropropane	0.12	0.12	U
74-95-3	Dibromomethane	0.31	0.31	U
75-27-4	Bromodichloromethane	0.12	0.12	U
110-75-8	2-Chloroethylvinylether	0.37	0.37	U
10061-01-5	c-1,3-Dichloropropene	0.19	0.19	U
108-10-1	4-Methyl-2-pentanone	0.45	0.45	U
108-88-3	Toluene	0.16	0.16	U
10061-02-6	t-1,3-Dichloropropene	0.16	0.16	U
79-00-5	1,1,2-Trichloroethane	0.37	0.37	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.11	0.11	U
591-78-6	2-Hexanone	0.49	0.49	U
124-48-1	Dibromochloromethane	0.18	0.18	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4654-3-continue

Client Sample ID: TB-4 Collected: 12/13/99

Matrix: Liquid Type: Blank

Remarks: See case narrative

Analyzed: 12/16/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.14	0.14	U
108-90-7	Chlorobenzene	0.21	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane	0.32	0.32	U
100-41-4	Ethylbenzene	0.21	0.21	U
108-38-3	m,p-xylene	0.45	0.45	U
95-47-6	o-xylene	0.27	0.27	U
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.20	0.20	U
98-82-8	Isopropylbenzene	0.21	0.21	U
108-86-1	Bromobenzene	0.19	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	0.14	0.14	U
103-65-1	n-Propylbenzene	0.28	0.28	U
96-18-4	1,2,3-Trichloropropane	0.44	0.44	U
622-96-8	p-Ethyltoluene	0.34	0.34	U
108-67-8	1,3,5-Trimethylbenzene	0.30	0.30	U
95-49-8	2-Chlorotoluene	0.27	0.27	U
106-43-4	4-Chlorotoluene	0.14	0.14	U
98-06-6	tert-Butylbenzene	0.29	0.29	U
95-63-6	1,2,4-Trimethylbenzene	0.25	0.25	U
135-98-8	sec-Butylbenzene	0.25	0.25	U
99-87-6	4-Isopropyltoluene	0.31	0.31	U
541-73-1	1,3-Dichlorobenzene	0.11	0.11	U
106-46-7	1,4-Dichlorobenzene	0.14	0.14	U
95-50-1	1,2-Dichlorobenzene	0.19	0.19	U
105-05-5	p-Diethylbenzene	0.32	0.32	U
104-51-8	n-Butylbenzene	0.27	0.27	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.42	0.42	U
120-82-1	1,2,4-Trichlorobenzene	0.27	0.27	U
87-68-3	Hexachlorobutadiene	0.32	0.32	U
91-20-3	Naphthalene	0.18	0.18	U
87-61-6	1,2,3-Trichlorobenzene	0.13	0.13	U

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12/29/99

ANALYSIS REPORT - TCLP-EPA 8240/624

Sample: J4654-1
Client Sample ID: Z-01 Collected: 12/13/99 14.30
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/16/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
71-43-2	Benzene	0.00014	**0.0037**	
56-23-5	Carbon Tetrachloride	0.00034	0.00034	U
108-90-7	Chlorobenzene	0.00021	0.00021	U
67-66-3	Chloroform	0.00026	**0.00070**	
107-06-2	1,2-Dichloroethane	0.00019	0.00019	U
75-35-4	1,1-Dichloroethene	0.00048	0.00048	U
78-93-3	Methyl Ethyl Ketone	0.00082	0.00082	U
127-18-4	Tetrachloroethene	0.00028	0.00028	U
79-01-6	Trichloroethene	0.00027	**0.0022**	
75-01-4	Vinyl Chloride	0.00041	0.00041	U

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12/29/99

ANALYSIS REPORT - TCLP-EPA 8240/624

Sample: J4654-2
Client Sample ID: Z-02 Collected: 12/13/99 14.45
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/16/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
71-43-2	Benzene	0.00014	0.00014	U
56-23-5	Carbon Tetrachloride	0.00034	0.00034	U
108-90-7	Chlorobenzene	0.00021	0.00021	U
67-66-3	Chloroform	0.00026	0.00026	U
107-06-2	1,2-Dichloroethane	0.00019	0.00019	U
75-35-4	1,1-Dichloroethene	0.00048	0.00048	U
78-93-3	Methyl Ethyl Ketone	0.00082	0.00082	U
127-18-4	Tetrachloroethene	0.00028	0.00028	U
79-01-6	Trichloroethene	0.00027	0.00027	U
75-01-4	Vinyl Chloride	0.00041	0.00041	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4654-1

Client Sample ID: Z-01 Collected: 12/13/99 14.30

Matrix: Liquid Type: Grab

Remarks:

Analyzed: 12/22/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	1.53	1.53	U
111-44-4	bis(2-Chloroethyl)ether	1.53	1.53	U
95-57-8	2-Chlorophenol	1.22	1.22	U
541-73-1	1,3-Dichlorobenzene	1.50	1.50	U
106-46-7	1,4-Dichlorobenzene	1.48	1.48	U
100-51-6	Benzyl alcohol	1.38	**3.80**	
95-50-1	1,2-Dichlorobenzene	1.51	**0.66**	J
95-48-7	2-Methylphenol	1.70	**3.00**	
108-60-1	bis(2-Chloroisopropyl)ether	0.86	0.86	U
106-44-5	3,4-Methylphenol	1.55	**3.90**	
621-64-7	N-Nitroso-di-n-propylamine	1.84	1.84	U
67-72-1	Hexachloroethane	1.87	1.87	U
98-95-3	Nitrobenzene	1.74	1.74	U
78-59-1	Isophorone	1.88	1.88	U
88-75-5	2-Nitrophenol	1.55	1.55	U
105-67-9	2,4-Dimethylphenol	1.92	**1.40**	J
65-85-0	Benzoic acid	10.3	10.3	U
111-91-1	bis(2-Chloroethoxy)methane	2.10	2.10	U
120-83-2	2,4-Dichlorophenol	1.49	1.49	U
120-82-1	1,2,4-Trichlorobenzene	0.54	0.54	U
91-20-3	Naphthalene	1.78	1.78	U
106-47-8	4-Chloroaniline	1.45	1.45	U
87-68-3	Hexachlorobutadiene	10.0	10.0	U
59-50-7	4-Chloro-3-methylphenol	1.53	1.53	U
91-57-6	2-Methylnaphthalene	1.85	1.85	U
77-47-4	Hexachlorocyclopentadiene	4.66	4.66	U
88-06-2	2,4,6-Trichlorophenol	1.51	1.51	U
95-95-4	2,4,5-Trichlorophenol	1.68	1.68	U
91-58-7	2-Chloronaphthalene	1.76	1.76	U
88-74-4	2-Nitroaniline	2.24	2.24	U
131-11-3	Dimethyl phthalate	3.98	3.98	U
208-96-8	Acenaphthylene	2.25	2.25	U
606-20-2	2,6-Dinitrotoluene	1.85	1.85	U
99-09-2	3-Nitroaniline	1.55	1.55	U
83-32-9	Acenaphthene	1.78	1.78	U
51-28-5	2,4-Dinitrophenol	9.62	9.62	U
100-02-7	4-Nitrophenol	5.00	5.00	U
132-64-9	Dibenzofuran	2.10	2.10	U
121-14-2	2,4-Dinitrotoluene	1.94	1.94	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4654-1-continue
Client Sample ID: Z-01 Collected: 12/13/99 14.30
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/22/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.51	2.51	U
7005-72-3	4-Chlorophenyl-phenyl ether	2.13	2.13	U
86-73-7	Fluorene	2.16	2.16	U
100-01-6	4-Nitroaniline	1.43	1.43	U
534-52-1	4,6-Dinitro-2-methylphenol	10.2	10.2	U
86-30-6	N-nitrosodiphenylamine	1.96	1.96	U
101-55-3	4-Bromophenyl-phenylether	2.03	2.03	U
118-74-1	Hexachlorobenzene	2.27	2.27	U
87-86-5	Pentachlorophenol	50.0	50.0	U
85-01-8	Phenanthrene	1.98	1.98	U
120-12-7	Anthracene	1.78	1.78	U
84-74-2	Di-n-butylphthalate	2.38	2.38	U
206-44-0	Fluoranthene	2.22	2.22	U
129-00-0	Pyrene	2.00	2.00	U
85-68-7	Butylbenzylphthalate	3.43	3.43	U
91-94-1	3,3'-Dichlorobenzidine	2.56	2.56	U
56-55-3	Benzo(a)anthracene	1.87	1.87	U
218-01-9	Chrysene	2.16	2.16	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.93	**0.52**	J
117-84-0	Di-n-octylphthalate	2.87	2.87	U
205-99-2	Benzo(b)fluoranthene	1.80	1.80	U
207-08-9	Benzo(k)fluoranthene	2.10	2.10	U
50-32-8	Benzo(a)pyrene	1.91	1.91	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.12	2.12	U
53-70-3	Dibenzo(a,h)anthracene	2.13	2.13	U
191-24-2	Benzo(g,h,i)perylene	2.34	2.34	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4654-2
Client Sample ID: Z-02 Collected: 12/13/99 14.45
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/22/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	1.53	1.53	U
111-44-4	bis(2-Chloroethyl)ether	1.53	1.53	U
95-57-8	2-Chlorophenol	1.22	1.22	U
541-73-1	1,3-Dichlorobenzene	1.50	1.50	U
106-46-7	1,4-Dichlorobenzene	1.48	1.48	U
100-51-6	Benzyl alcohol	1.38	1.38	U
95-50-1	1,2-Dichlorobenzene	1.51	1.51	U
95-48-7	2-Methylphenol	1.70	**1.40**	J
108-60-1	bis(2-Chloroisopropyl)ether	0.86	0.86	U
106-44-5	3,4-Methylphenol	1.55	**2.20**	
621-64-7	N-Nitroso-di-n-propylamine	1.84	1.84	U
67-72-1	Hexachloroethane	1.87	1.87	U
98-95-3	Nitrobenzene	1.74	1.74	U
78-59-1	Isophorone	1.88	1.88	U
88-75-5	2-Nitrophenol	1.55	1.55	U
105-67-9	2,4-Dimethylphenol	1.92	**0.67**	J
65-85-0	Benzoic acid	10.3	10.3	U
111-91-1	bis(2-Chloroethoxy)methane	2.10	2.10	U
120-83-2	2,4-Dichlorophenol	1.49	1.49	U
120-82-1	1,2,4-Trichlorobenzene	0.54	0.54	U
91-20-3	Naphthalene	1.78	1.78	U
106-47-8	4-Chloroaniline	1.45	1.45	U
87-68-3	Hexachlorobutadiene	10.0	10.0	U
59-50-7	4-Chloro-3-methylphenol	1.53	1.53	U
91-57-6	2-Methylnaphthalene	1.85	1.85	U
77-47-4	Hexachlorocyclopentadiene	4.66	4.66	U
88-06-2	2,4,6-Trichlorophenol	1.51	1.51	U
95-95-4	2,4,5-Trichlorophenol	1.68	1.68	U
91-58-7	2-Chloronaphthalene	1.76	1.76	U
88-74-4	2-Nitroaniline	2.24	2.24	U
131-11-3	Dimethyl phthalate	3.98	3.98	U
208-96-8	Acenaphthylene	2.25	2.25	U
606-20-2	2,6-Dinitrotoluene	1.85	1.85	U
99-09-2	3-Nitroaniline	1.55	1.55	U
83-32-9	Acenaphthene	1.78	**1.70**	J
51-28-5	2,4-Dinitrophenol	9.62	9.62	U
100-02-7	4-Nitrophenol	5.00	5.00	U
132-64-9	Dibenzofuran	2.10	2.10	U
121-14-2	2,4-Dinitrotoluene	1.94	1.94	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4654-2-continue
Client Sample ID: Z-02 Collected: 12/13/99 14.45
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/22/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.51	2.51	U
7005-72-3	4-Chlorophenyl-phenyl ether	2.13	2.13	U
86-73-7	Fluorene	2.16	2.16	U
100-01-6	4-Nitroaniline	1.43	1.43	U
534-52-1	4,6-Dinitro-2-methylphenol	10.2	10.2	U
86-30-6	N-nitrosodiphenylamine	1.96	1.96	U
101-55-3	4-Bromophenyl-phenylether	2.03	2.03	U
118-74-1	Hexachlorobenzene	2.27	2.27	U
87-86-5	Pentachlorophenol	50.0	50.0	U
85-01-8	Phenanthrene	1.98	1.98	U
120-12-7	Anthracene	1.78	1.78	U
84-74-2	Di-n-butylphthalate	2.38	2.38	U
206-44-0	Fluoranthene	2.22	2.22	U
129-00-0	Pyrene	2.00	2.00	U
85-68-7	Butylbenzylphthalate	3.43	3.43	U
91-94-1	3,3'-Dichlorobenzidine	2.56	2.56	U
56-55-3	Benzo(a)anthracene	1.87	1.87	U
218-01-9	Chrysene	2.16	2.16	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.93	**0.69**	J
117-84-0	Di-n-octylphthalate	2.87	2.87	U
205-99-2	Benzo(b)fluoranthene	1.80	1.80	U
207-08-9	Benzo(k)fluoranthene	2.10	2.10	U
50-32-8	Benzo(a)pyrene	1.91	1.91	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.12	2.12	U
53-70-3	Dibenzo(a,h)anthracene	2.13	2.13	U
191-24-2	Benzo(g,h,i)perylene	2.34	2.34	U

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1/4/00

ANALYSIS REPORT - TCLP Semi-Volatiles

Sample: J4654-1
Client Sample ID: Z-01 Collected: 12/13/99 14.30
Matrix: Liquid Type: Grab
Remarks: Revised report 1-4-00 See case narrative

Analyzed: 12/22/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
95-48-7	o-cresol	0.0017	0.0017	U
106-44-5	m,p-cresol	0.0016	**0.00098**	J
	Cresol	0.0032	**0.00098**	J
106-46-7	1,4-Dichlorobenzene	0.0015	0.0015	U
121-14-2	2,4-Dinitrotoluene	0.0019	0.0019	U
118-74-1	Hexachlorobenzene	0.0023	0.0023	U
87-68-3	Hexachlorobutadiene	0.0100	0.0100	U
67-72-1	Hexachloroethane	0.0019	0.0019	U
98-95-3	Nitrobenzene	0.0017	0.0017	U
87-86-5	Pentachlorophenol	0.050	0.050	U
110-86-1	Pyridine	0.00086	0.00086	U
95-95-4	2,4,5-Trichlorophenol	0.0017	0.0017	U
88-06-2	2,4,6-Trichlorophenol	0.0015	0.0015	U

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12/29/99

ANALYSIS REPORT - TCLP Semi-Volatiles

Sample: J4654-2
Client Sample ID: Z-02
Matrix: Liquid
Remarks:

Collected: 12/13/99 14.45
Type: Grab

Analyzed: 12/22/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
95-48-7	o-cresol	0.0017	0.0015	J
106-44-5	m,p-cresol	0.0016	0.0021	
	Cresol	0.0032	0.0036	
106-46-7	1,4-Dichlorobenzene	0.0015	0.0015	U
121-14-2	2,4-Dinitrotoluene	0.0019	0.0019	U
118-74-1	Hexachlorobenzene	0.0023	0.0023	U
87-68-3	Hexachlorobutadiene	0.0100	0.0100	U
67-72-1	Hexachloroethane	0.0019	0.0019	U
98-95-3	Nitrobenzene	0.0017	0.0017	U
87-86-5	Pentachlorophenol	0.050	0.050	U
110-86-1	Pyridine	0.00086	0.00086	U
95-95-4	2,4,5-Trichlorophenol	0.0017	0.0017	U
88-06-2	2,4,6-Trichlorophenol	0.0015	0.0015	U

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12/29/99

ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4654-1
Client Sample ID: Z-01 Collected: 12/13/99 14.30
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/21/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.10	0.10	U
11104-28-2	PCB 1221	0.070	0.070	U
11141-16-5	PCB 1232	0.090	0.090	U
53469-21-9	PCB 1242	0.0100	0.0100	U
12672-29-6	PCB 1248	0.020	0.020	U
11097-69-1	PCB 1254	0.030	0.030	U
11096-82-5	PCB 1260	0.050	0.050	U

Sample: J4654-2
Client Sample ID: Z-02 Collected: 12/13/99 14.45
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/21/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.10	0.10	U
11104-28-2	PCB 1221	0.070	0.070	U
11141-16-5	PCB 1232	0.090	0.090	U
53469-21-9	PCB 1242	0.0100	0.0100	U
12672-29-6	PCB 1248	0.020	0.020	U
11097-69-1	PCB 1254	0.030	0.030	U
11096-82-5	PCB 1260	0.050	0.050	U

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12/29/99

ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4654-1
Client Sample ID: Z-01 Collected: 12/13/99 14.30
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/21/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	0.015	U
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.012	0.012	U
319-86-8	d-BHC	0.022	0.022	U
309-00-2	Aldrin	0.015	0.015	U
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	0.015	U
72-20-8	Endrin	0.017	0.017	U
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.0050	0.0050	U
50-29-3	4,4'-DDT	0.0050	0.0050	U
7421-36-3	Endrin aldehyde	0.0050	0.0050	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.20	0.20	U
5103-74-2	gamma-Chlordane	0.20	0.20	U
57-74-9	Chlordane	0.030	0.030	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0060	0.0060	U
53494-70-5	Endrin ketone	0.20	0.20	U

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12/29/99

ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4654-2
Client Sample ID: Z-02 Collected: 12/13/99 14.45
Matrix: Liquid Type: Grab
Remarks:

Analyzed: 12/21/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.016	0.016	U
58-89-9	g-BHC (Lindane)	0.015	0.015	U
319-85-7	b-BHC	0.015	0.015	U
76-44-8	Heptachlor	0.012	0.012	U
319-86-8	d-BHC	0.022	0.022	U
309-00-2	Aldrin	0.015	0.015	U
1024-57-3	Heptachlor epoxide	0.015	0.015	U
959-98-8	Endosulfan I	0.015	0.015	U
72-55-9	4,4'-DDE	0.012	0.012	U
60-57-1	Dieldrin	0.015	0.015	U
72-20-8	Endrin	0.017	0.017	U
72-54-8	4,4'-DDD	0.015	0.015	U
33213-65-9	Endosulfan II	0.0050	0.0050	U
50-29-3	4,4'-DDT	0.0050	0.0050	U
7421-36-3	Endrin aldehyde	0.0050	0.0050	U
1031-07-8	Endosulfan sulfate	0.015	0.015	U
5103-71-9	alpha-Chlordane	0.20	0.20	U
5103-74-2	gamma-Chlordane	0.20	0.20	U
57-74-9	Chlordane	0.030	0.030	U
8001-35-2	Toxaphene	0.16	0.16	U
72-43-5	Methoxychlor	0.0060	0.0060	U
53494-70-5	Endrin ketone	0.20	0.20	U

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12/29/99

ANALYSIS REPORT - Total Organic Halides

Sample: J4654-1
Client Sample ID: Z-01 Collected: 12/13/99 14.30
Matrix: Liquid Type: Grab
Remarks: Analyzed by a NYSDOH lab other than ETL

Analyzed: 12/17/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
	Total Organic Halides	10.0	10.0	U

Sample: J4654-2
Client Sample ID: Z-02 Collected: 12/13/99 14.45
Matrix: Liquid Type: Grab
Remarks: Analyzed by a NYSDOH lab other than ETL

Analyzed: 12/17/99 Units: ppm

CAS No	Analyte	MDL	Concentration	Q
	Total Organic Halides	10.0	10.0	U

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12/29/99

ANALYSIS REPORT - WET LAB

Sample: J4654-1
Client Sample ID: Z-01
Matrix: Liquid
Remarks:

Collected: 12/13/99 14.30
Type: Grab

Analyzed	Parameter	MDL	Result	Q	Units
12/21/99	Flash Point	1.00	>100		deg C
12/20/99	pH-over-aged	NA	**7.58**		
12/20/99	Temperature	NA	**21.4**		C
12/21/99	Releasable Cyanide	0.10	0.10	U	ppm
12/21/99	Releasable H2 Sulfide	0.0100	0.0100	U	ppm
12/21/99	Reactivity	NA	Negative		

Sample: J4654-2
Client Sample ID: Z-02
Matrix: Liquid
Remarks:

Collected: 12/13/99 14.45
Type: Grab

Analyzed	Parameter	MDL	Result	Q	Units
12/21/99	Flash Point	1.00	>100		deg C
12/20/99	pH-over-aged	NA	**7.67**		
12/20/99	Temperature	NA	**21.6**		C
12/21/99	Releasable Cyanide	0.10	0.10	U	ppm
12/21/99	Releasable H2 Sulfide	0.0100	0.0100	U	ppm
12/21/99	Reactivity	NA	Negative		

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1/4/00

CASE NARRATIVE

TCLP8240/8260

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone
2-Butanone
4-Methyl,2-pentanone
2-Hexanone

M&P-Xylenes were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 10, 20, 50, 100 and 150 ppb levels.

Samples were quantitated using the continuing calibration standard response factor as opposed to the initial calibration average response factor.

tclp 8270

Sample #1- Surrogates fail due to matrix interference. One of the acid surrogates is completely obscured by a non target compound.

Reviewed by: _____

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12/29/99

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is a non-detect.

J - Indicates an estimated value. The concentration was detected lower than the Contract Required Detection Limit, but greater than the Method Detection Limit.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag identifies all compounds identified in an analysis at a secondary dilution.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - entered when the analyte was analyzed for, but not detected.

Q - qualifier specific entries and their meanings are as follows:

E - the reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
NR - when the analyte is not required to be analyzed.
P - ICP
T - Titrimetric

LOW LEVELS

ETL

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208 Route 109 • Farmingdale • New York 11735
516-249-1456 • Fax: 516-249-8344

CHAIN OF CUSTODY DOCUMENT

J 4654

Project Name: North First Street | Project Manager: Ed Schwetz

Project Address: North First Street

Client: CON ED | J/N: | Rush by 12/21/99

Sampler (Signature): John Dwyer Nixon (Print): John Dwyer Nixon

SAMPLE INFO Type SS = Split Spoon; G = Grab; C = Composite; B = Blank; Matrix L = Liquid, S = Soil, SL = Sludge, A* = Air, W = Wipe | *Air - Vol. (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total. # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH	Semi Vols	Characteristic Metals	VOCs
1	12/13/99	1430	G	L	Z-01	5					✓					✓	✓		
2	12/13/99	1445	G	L	Z-02	5					✓					✓	✓		
3	12/13/99	—	—	L	TB-4	2											✓		
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			

* FLASH, pH, REACT, TCLP-8240, TCLP-8270, TOX

John Dwyer Nixon 12/13/99 1800

OFFICE COPY

Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received by (Signature):	Date / Time	Printed Name & Agent
John Dwyer Nixon	12/13/99 1800				
Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received for Lab by (Signature):	Date 12/14/99 Time 1155	Printed Name C. Cepeda

Comments & Special Instructions	QA/QC Type:	Number & Type of Containers:	Preservatives:	Temp:
TCLP Benzene, PCB, TOX, FLASH	LEVEL-3	10-Ambers, 2-VOA HCL		5°

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 516-249-1456 Fax - 516-249-8344

12/29/99

Custody Document J4655
Received: 12/9/99 13:00
Sampled by: N/A

Project: Con Ed North First Street

Manager: Ed Schwetz

Respectfully submitted,
Environmental Testing Laboratories,Inc.

Assistant Laboratory Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
VA Cert. # 108
CA Cert. # 2253
NH Cert. # 252592-BA
MA Cert. # NY061
RI Cert. # 161
PA Cert. # 68-535

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4655-1
Client Sample ID: S-08B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 09.45
% Solids: 82.6%

Analyzed: 12/10/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.62	0.62	U
75-45-6	Chlorodifluoromethane	0.81	0.81	U
74-87-3	Chloromethane	0.41	0.41	U
75-01-4	Vinyl Chloride	0.41	0.41	U
74-83-9	Bromomethane	0.47	0.47	U
75-00-3	Chloroethane	0.23	0.23	U
75-69-4	Trichlorofluoromethane	0.13	0.13	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	0.69	U
75-35-4	1,1-Dichloroethene	0.25	0.25	U
67-64-1	Acetone	5.25	**44.2**	
75-15-0	Carbon disulfide	0.33	0.33	U
75-09-2	Methylene Chloride	0.65	**4.20**	B
156-60-5	t-1,2-Dichloroethene	0.50	0.50	U
1634-04-4	Methyl t-butyl ether	0.59	0.59	U
75-34-3	1,1-Dichloroethane	0.19	0.19	U
590-20-7	2,2-Dichloropropane	0.28	0.28	U
156-59-2	c-1,2-Dichloroethene	0.61	0.61	U
78-93-3	2-Butanone	3.04	3.04	U
74-97-5	Bromochloromethane	0.30	0.30	U
67-66-3	Chloroform	0.21	0.21	U
71-55-6	1,1,1-Trichloroethane	0.34	0.34	U
56-23-5	Carbon Tetrachloride	0.33	0.33	U
563-58-6	1,1-Dichloropropene	0.47	0.47	U
71-43-2	Benzene	0.34	0.34	U
107-06-2	1,2-Dichloroethane	0.36	0.36	U
79-01-6	Trichloroethene	0.36	0.36	U
78-87-5	1,2-Dichloropropane	0.22	0.22	U
74-95-3	Dibromomethane	0.52	0.52	U
75-27-4	Bromodichloromethane	0.23	0.23	U
110-75-8	2-Chloroethylvinylether	0.70	0.70	U
10061-01-5	c-1,3-Dichloropropene	0.30	0.30	U
108-10-1	4-Methyl-2-pentanone	1.79	1.79	U
108-88-3	Toluene	0.40	**17.5**	
10061-02-6	t-1,3-Dichloropropene	0.50	0.50	U
79-00-5	1,1,2-Trichloroethane	0.57	0.57	U
127-18-4	Tetrachloroethene	0.34	0.34	U
142-28-9	1,3-Dichloropropane	0.51	0.51	U
591-78-6	2-Hexanone	1.88	1.88	U
124-48-1	Dibromochloromethane	0.35	0.35	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-1-continue
Client Sample ID: S-08B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 09.45
% Solids: 82.6%

Analyzed: 12/10/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.61	0.61	U
108-90-7	Chlorobenzene	0.35	0.35	U
630-20-6	1,1,1,2-Tetrachloroethane	0.39	0.39	U
100-41-4	Ethylbenzene	0.41	0.41	U
108-38-3	m,p-xylene	0.76	0.76	U
95-47-6	o-xylene	0.34	0.34	U
100-42-5	Styrene	0.35	0.35	U
75-25-2	Bromoform	0.58	0.58	U
98-82-8	Isopropylbenzene	0.31	0.31	U
108-86-1	Bromobenzene	0.53	0.53	U
79-34-5	1,1,2,2-Tetrachloroethane	0.61	0.61	U
103-65-1	n-Propylbenzene	0.45	0.45	U
96-18-4	1,2,3-Trichloropropane	0.56	0.56	U
622-96-8	p-Ethyltoluene	0.38	0.38	U
108-67-8	1,3,5-Trimethylbenzene	0.36	0.36	U
95-49-8	2-Chlorotoluene	0.31	0.31	U
106-43-4	4-Chlorotoluene	0.41	0.41	U
98-06-6	tert-Butylbenzene	0.41	0.41	U
95-63-6	1,2,4-Trimethylbenzene	0.40	0.40	U
135-98-8	sec-Butylbenzene	0.44	0.44	U
99-87-6	4-Isopropyltoluene	0.44	0.44	U
541-73-1	1,3-Dichlorobenzene	0.39	0.39	U
106-46-7	1,4-Dichlorobenzene	0.34	0.34	U
95-50-1	1,2-Dichlorobenzene	0.33	0.33	U
105-05-5	p-Diethylbenzene	0.40	0.40	U
104-51-8	n-Butylbenzene	0.47	0.47	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.36	0.36	U
96-12-8	1,2-Dibromo-3-chloropropane	0.87	0.87	U
120-82-1	1,2,4-Trichlorobenzene	0.44	0.44	U
87-68-3	Hexachlorobutadiene	0.42	0.42	U
91-20-3	Naphthalene	0.67	0.67	U
87-61-6	1,2,3-Trichlorobenzene	0.36	0.36	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-2
Client Sample ID: S-08C
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 10.00
% Solids: 83.6%

Analyzed: 12/10/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.61	0.61	U
75-45-6	Chlorodifluoromethane	0.80	0.80	U
74-87-3	Chloromethane	0.41	0.41	U
75-01-4	Vinyl Chloride	0.41	0.41	U
74-83-9	Bromomethane	0.47	0.47	U
75-00-3	Chloroethane	0.23	0.23	U
75-69-4	Trichlorofluoromethane	0.13	0.13	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.68	0.68	U
75-35-4	1,1-Dichloroethene	0.25	0.25	U
67-64-1	Acetone	5.21	5.21	U
75-15-0	Carbon disulfide	0.32	0.32	U
75-09-2	Methylene Chloride	0.65	3.00	B
156-60-5	t-1,2-Dichloroethene	0.49	0.49	U
1634-04-4	Methyl t-butyl ether	0.59	0.59	U
75-34-3	1,1-Dichloroethane	0.19	0.19	U
590-20-7	2,2-Dichloropropane	0.28	0.28	U
156-59-2	c-1,2-Dichloroethene	0.60	0.60	U
78-93-3	2-Butanone	3.01	3.01	U
74-97-5	Bromochloromethane	0.30	0.30	U
67-66-3	Chloroform	0.20	0.20	U
71-55-6	1,1,1-Trichloroethane	0.34	0.34	U
56-23-5	Carbon Tetrachloride	0.32	0.32	U
563-58-6	1,1-Dichloropropene	0.47	0.47	U
71-43-2	Benzene	0.34	0.34	U
107-06-2	1,2-Dichloroethane	0.36	0.36	U
79-01-6	Trichloroethene	0.36	0.36	U
78-87-5	1,2-Dichloropropane	0.22	0.22	U
74-95-3	Dibromomethane	0.52	0.52	U
75-27-4	Bromodichloromethane	0.23	0.23	U
110-75-8	2-Chloroethylvinylether	0.70	0.70	U
10061-01-5	c-1,3-Dichloropropene	0.30	0.30	U
108-10-1	4-Methyl-2-pentanone	1.78	1.78	U
108-88-3	Toluene	0.40	1.60	
10061-02-6	t-1,3-Dichloropropene	0.49	0.49	U
79-00-5	1,1,2-Trichloroethane	0.56	0.56	U
127-18-4	Tetrachloroethene	0.34	0.34	U
142-28-9	1,3-Dichloropropane	0.50	0.50	U
591-78-6	2-Hexanone	1.86	1.86	U
124-48-1	Dibromochloromethane	0.35	0.35	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-2-continue

Client Sample ID: S-08C
Matrix: Soil
Type: Composite
Collected: 12/6/99 10.00
% Solids: 83.6%
Remarks: See case narrative

Analyzed: 12/10/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.60	0.60	U
108-90-7	Chlorobenzene	0.35	0.35	U
630-20-6	1,1,1,2-Tetrachloroethane	0.38	0.38	U
100-41-4	Ethylbenzene	0.41	0.41	U
108-38-3	m,p-xylene	0.76	0.76	U
95-47-6	o-xylene	0.34	0.34	U
100-42-5	Styrene	0.35	0.35	U
75-25-2	Bromoform	0.58	0.58	U
98-82-8	Isopropylbenzene	0.31	0.31	U
108-86-1	Bromobenzene	0.53	0.53	U
79-34-5	1,1,2,2-Tetrachloroethane	0.60	0.60	U
103-65-1	n-Propylbenzene	0.44	0.44	U
96-18-4	1,2,3-Trichloropropane	0.55	0.55	U
622-96-8	p-Ethyltoluene	0.37	0.37	U
108-67-8	1,3,5-Trimethylbenzene	0.36	0.36	U
95-49-8	2-Chlorotoluene	0.31	0.31	U
106-43-4	4-Chlorotoluene	0.41	0.41	U
98-06-6	tert-Butylbenzene	0.41	0.41	U
95-63-6	1,2,4-Trimethylbenzene	0.40	0.40	U
135-98-8	sec-Butylbenzene	0.43	0.43	U
99-87-6	4-Isopropyltoluene	0.43	0.43	U
541-73-1	1,3-Dichlorobenzene	0.38	0.38	U
106-46-7	1,4-Dichlorobenzene	0.34	0.34	U
95-50-1	1,2-Dichlorobenzene	0.32	0.32	U
105-05-5	p-Diethylbenzene	0.40	0.40	U
104-51-8	n-Butylbenzene	0.47	0.47	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.36	0.36	U
96-12-8	1,2-Dibromo-3-chloropropane	0.86	0.86	U
120-82-1	1,2,4-Trichlorobenzene	0.43	0.43	U
87-68-3	Hexachlorobutadiene	0.42	0.42	U
91-20-3	Naphthalene	0.66	0.66	U
87-61-6	1,2,3-Trichlorobenzene	0.36	0.36	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-3

Client Sample ID: S-09A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 12.45
% Solids: 88.1%

Analyzed: 12/10/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.31	0.31	U
75-45-6	Chlorodifluoromethane	0.15	0.15	U
74-87-3	Chloromethane	0.56	0.56	U
75-01-4	Vinyl Chloride	0.49	0.49	U
74-83-9	Bromomethane	0.52	0.52	U
75-00-3	Chloroethane	0.70	0.70	U
75-69-4	Trichlorofluoromethane	0.28	0.28	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.39	0.39	U
75-35-4	1,1-Dichloroethene	0.52	0.52	U
67-64-1	Acetone	2.90	2.90	U
75-15-0	Carbon disulfide	0.47	0.47	U
75-09-2	Methylene Chloride	0.52	0.52	U
156-60-5	t-1,2-Dichloroethene	0.60	0.60	U
1634-04-4	Methyl t-butyl ether	0.76	0.76	U
75-34-3	1,1-Dichloroethane	0.28	0.28	U
590-20-7	2,2-Dichloropropane	0.26	0.26	U
156-59-2	c-1,2-Dichloroethene	0.35	0.35	U
78-93-3	2-Butanone	2.21	2.21	U
74-97-5	Bromochloromethane	0.46	0.46	U
67-66-3	Chloroform	0.13	0.13	U
71-55-6	1,1,1-Trichloroethane	0.10	0.10	U
56-23-5	Carbon Tetrachloride	0.22	0.22	U
563-58-6	1,1-Dichloropropene	0.79	0.79	U
71-43-2	Benzene	0.41	0.41	U
107-06-2	1,2-Dichloroethane	0.43	0.43	U
79-01-6	Trichloroethene	0.18	0.18	U
78-87-5	1,2-Dichloropropane	0.39	0.39	U
74-95-3	Dibromomethane	0.35	0.35	U
75-27-4	Bromodichloromethane	0.30	0.30	U
110-75-8	2-Chloroethylvinylether	1.17	1.17	U
10061-01-5	c-1,3-Dichloropropene	0.23	0.23	U
108-10-1	4-Methyl-2-pentanone	1.08	1.08	U
108-88-3	Toluene	0.28	10.4	
10061-02-6	t-1,3-Dichloropropene	0.33	0.33	U
79-00-5	1,1,2-Trichloroethane	0.48	0.48	U
127-18-4	Tetrachloroethene	0.26	0.26	U
142-28-9	1,3-Dichloropropane	0.40	0.40	U
591-78-6	2-Hexanone	1.57	1.57	U
124-48-1	Dibromochloromethane	0.22	0.22	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-3-continue

Client Sample ID: S-09A
Matrix: Soil
Type: Composite
Collected: 12/6/99 12.45
% Solids: 88.1%
Remarks: See case narrative

Analyzed: 12/10/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.30	0.30	U
108-90-7	Chlorobenzene	0.22	0.22	U
630-20-6	1,1,1,2-Tetrachloroethane	0.28	0.28	U
100-41-4	Ethylbenzene	0.47	0.47	U
108-38-3	m,p-xylene	0.38	**7.30**	
95-47-6	o-xylene	0.44	**3.30**	
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.18	0.18	U
98-82-8	Isopropylbenzene	0.13	0.13	U
108-86-1	Bromobenzene	0.17	0.17	U
79-34-5	1,1,2,2-Tetrachloroethane	0.38	0.38	U
103-65-1	n-Propylbenzene	0.38	0.38	U
96-18-4	1,2,3-Trichloropropane	0.65	0.65	U
622-96-8	p-Ethyltoluene	0.22	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.24	0.24	U
95-49-8	2-Chlorotoluene	0.51	0.51	U
106-43-4	4-Chlorotoluene	0.43	0.43	U
98-06-6	tert-Butylbenzene	0.21	0.21	U
95-63-6	1,2,4-Trimethylbenzene	0.13	0.13	U
135-98-8	sec-Butylbenzene	0.15	0.15	U
99-87-6	4-Isopropyltoluene	0.21	0.21	U
541-73-1	1,3-Dichlorobenzene	0.30	0.30	U
106-46-7	1,4-Dichlorobenzene	0.30	0.30	U
95-50-1	1,2-Dichlorobenzene	0.21	0.21	U
105-05-5	p-Diethylbenzene	0.34	0.34	U
104-51-8	n-Butylbenzene	0.23	0.23	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.22	0.22	U
96-12-8	1,2-Dibromo-3-chloropropane	0.76	0.76	U
120-82-1	1,2,4-Trichlorobenzene	0.39	0.39	U
87-68-3	Hexachlorobutadiene	0.22	0.22	U
91-20-3	Naphthalene	0.34	0.34	U
87-61-6	1,2,3-Trichlorobenzene	0.17	0.17	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-4

Client Sample ID: S-09B — Collected: 12/6/99 12.30

Matrix: Soil — Type: Composite — % Solids: 86.5%

Remarks: See case narrative

Analyzed: 12/10/99 — Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	31.9	31.9	U
75-45-6	Chlorodifluoromethane	66.7	66.7	U
74-87-3	Chloromethane	55.1	55.1	U
75-01-4	Vinyl Chloride	59.5	59.5	U
74-83-9	Bromomethane	53.7	53.7	U
75-00-3	Chloroethane	36.3	36.3	U
75-69-4	Trichlorofluoromethane	46.4	46.4	U
76-13-1	1,1,2-Trichlorotrifluoroethane	37.7	37.7	U
75-35-4	1,1-Dichloroethene	69.6	69.6	U
67-64-1	Acetone	188	188	U
75-15-0	Carbon disulfide	30.5	30.5	U
75-09-2	Methylene Chloride	43.5	43.5	U
156-60-5	t-1,2-Dichloroethene	40.6	40.6	U
1634-04-4	Methyl t-butyl ether	33.3	33.3	U
75-34-3	1,1-Dichloroethane	26.1	26.1	U
590-20-7	2,2-Dichloropropane	53.7	53.7	U
156-59-2	c-1,2-Dichloroethene	49.3	49.3	U
78-93-3	2-Butanone	119	119	U
74-97-5	Bromochloromethane	37.7	37.7	U
67-66-3	Chloroform	37.7	37.7	U
71-55-6	1,1,1-Trichloroethane	45.0	45.0	U
56-23-5	Carbon Tetrachloride	49.3	49.3	U
563-58-6	1,1-Dichloropropene	98.6	98.6	U
71-43-2	Benzene	20.3	20.3	U
107-06-2	1,2-Dichloroethane	27.5	27.5	U
79-01-6	Trichloroethene	39.2	39.2	U
78-87-5	1,2-Dichloropropane	17.4	17.4	U
74-95-3	Dibromomethane	45.0	45.0	U
75-27-4	Bromodichloromethane	17.4	17.4	U
110-75-8	2-Chloroethylvinylether	53.7	53.7	U
10061-01-5	c-1,3-Dichloropropene	27.5	27.5	U
108-10-1	4-Methyl-2-pentanone	65.3	65.3	U
108-88-3	Toluene	434	130000	
10061-02-6	t-1,3-Dichloropropene	23.2	23.2	U
79-00-5	1,1,2-Trichloroethane	53.7	53.7	U
127-18-4	Tetrachloroethene	40.6	40.6	U
142-28-9	1,3-Dichloropropane	15.9	15.9	U
591-78-6	2-Hexanone	71.1	71.1	U
124-48-1	Dibromochloromethane	26.1	26.1	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-4-continue

Client Sample ID: S-09B — Collected: 12/6/99 12.30

Matrix: Soil — Type: Composite — % Solids: 86.5%

Remarks: See case narrative

Analyzed: 12/10/99 — Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	20.3	20.3	U
108-90-7	Chlorobenzene	30.5	30.5	U
630-20-6	1,1,1,2-Tetrachloroethane	46.4	46.4	U
100-41-4	Ethylbenzene	30.5	**14600**	
108-38-3	m,p-xylene	809	**71200**	
95-47-6	o-xylene	39.2	**20000**	
100-42-5	Styrene	40.6	40.6	U
75-25-2	Bromoform	29.0	29.0	U
98-82-8	Isopropylbenzene	30.5	**231**	
108-86-1	Bromobenzene	27.5	27.5	U
79-34-5	1,1,2,2-Tetrachloroethane	20.3	20.3	U
103-65-1	n-Propylbenzene	40.6	40.6	U
96-18-4	1,2,3-Trichloropropane	63.8	63.8	U
622-96-8	p-Ethyltoluene	49.3	49.3	U
108-67-8	1,3,5-Trimethylbenzene	43.5	43.5	U
95-49-8	2-Chlorotoluene	39.2	39.2	U
106-43-4	4-Chlorotoluene	20.3	20.3	U
98-06-6	tert-Butylbenzene	42.0	42.0	U
95-63-6	1,2,4-Trimethylbenzene	36.3	36.3	U
135-98-8	sec-Butylbenzene	36.3	36.3	U
99-87-6	4-Isopropyltoluene	45.0	**13600**	
541-73-1	1,3-Dichlorobenzene	15.9	15.9	U
106-46-7	1,4-Dichlorobenzene	20.3	20.3	U
95-50-1	1,2-Dichlorobenzene	27.5	27.5	U
105-05-5	p-Diethylbenzene	46.4	46.4	U
104-51-8	n-Butylbenzene	39.2	39.2	U
95-93-2	1,2,4,5-Tetramethylbenzene	27.5	27.5	U
96-12-8	1,2-Dibromo-3-chloropropane	60.9	60.9	U
120-82-1	1,2,4-Trichlorobenzene	39.2	39.2	U
87-68-3	Hexachlorobutadiene	46.4	46.4	U
91-20-3	Naphthalene	26.1	26.1	U
87-61-6	1,2,3-Trichlorobenzene	18.9	18.9	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4655-5
Client Sample ID: S-13B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 14.00
% Solids: 86.9%

Analyzed: 12/10/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.59	0.59	U
75-45-6	Chlorodifluoromethane	0.77	0.77	U
74-87-3	Chloromethane	0.39	0.39	U
75-01-4	Vinyl Chloride	0.39	0.39	U
74-83-9	Bromomethane	0.45	0.45	U
75-00-3	Chloroethane	0.22	0.22	U
75-69-4	Trichlorofluoromethane	0.13	0.13	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.66	0.66	U
75-35-4	1,1-Dichloroethene	0.24	0.24	U
67-64-1	Acetone	4.99	**27.9**	
75-15-0	Carbon disulfide	0.31	0.31	U
75-09-2	Methylene Chloride	0.62	**2.80**	B
156-60-5	t-1,2-Dichloroethene	0.47	0.47	U
1634-04-4	Methyl t-butyl ether	0.56	0.56	U
75-34-3	1,1-Dichloroethane	0.18	0.18	U
590-20-7	2,2-Dichloropropane	0.26	0.26	U
156-59-2	c-1,2-Dichloroethene	0.57	0.57	U
78-93-3	2-Butanone	2.89	2.89	U
74-97-5	Bromochloromethane	0.29	0.29	U
67-66-3	Chloroform	0.20	0.20	U
71-55-6	1,1,1-Trichloroethane	0.32	0.32	U
56-23-5	Carbon Tetrachloride	0.31	0.31	U
563-58-6	1,1-Dichloropropene	0.45	0.45	U
71-43-2	Benzene	0.32	0.32	U
107-06-2	1,2-Dichloroethane	0.34	0.34	U
79-01-6	Trichloroethene	0.34	0.34	U
78-87-5	1,2-Dichloropropane	0.21	0.21	U
74-95-3	Dibromomethane	0.49	0.49	U
75-27-4	Bromodichloromethane	0.22	0.22	U
110-75-8	2-Chloroethylvinylether	0.67	0.67	U
10061-01-5	c-1,3-Dichloropropene	0.29	0.29	U
108-10-1	4-Methyl-2-pentanone	1.70	1.70	U
108-88-3	Toluene	0.38	**2.10**	
10061-02-6	t-1,3-Dichloropropene	0.47	0.47	U
79-00-5	1,1,2-Trichloroethane	0.54	0.54	U
127-18-4	Tetrachloroethene	0.32	0.32	U
142-28-9	1,3-Dichloropropane	0.48	0.48	U
591-78-6	2-Hexanone	1.78	1.78	U
124-48-1	Dibromochloromethane	0.33	0.33	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-5-continue

Client Sample ID: S-13B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 14.00
% Solids: 86.9%

Analyzed: 12/10/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.57	0.57	U
108-90-7	Chlorobenzene	0.33	0.33	U
630-20-6	1,1,1,2-Tetrachloroethane	0.37	0.37	U
100-41-4	Ethylbenzene	0.39	0.39	U
108-38-3	m,p-xylene	0.72	**1.90**	
95-47-6	o-xylene	0.32	0.32	U
100-42-5	Styrene	0.33	0.33	U
75-25-2	Bromoform	0.55	0.55	U
98-82-8	Isopropylbenzene	0.30	0.30	U
108-86-1	Bromobenzene	0.51	0.51	U
79-34-5	1,1,2,2-Tetrachloroethane	0.57	0.57	U
103-65-1	n-Propylbenzene	0.43	0.43	U
96-18-4	1,2,3-Trichloropropane	0.53	0.53	U
622-96-8	p-Ethyltoluene	0.36	0.36	U
108-67-8	1,3,5-Trimethylbenzene	0.34	0.34	U
95-49-8	2-Chlorotoluene	0.30	0.30	U
106-43-4	4-Chlorotoluene	0.39	0.39	U
98-06-6	tert-Butylbenzene	0.39	0.39	U
95-63-6	1,2,4-Trimethylbenzene	0.38	0.38	U
135-98-8	sec-Butylbenzene	0.41	0.41	U
99-87-6	4-Isopropyltoluene	0.41	0.41	U
541-73-1	1,3-Dichlorobenzene	0.37	0.37	U
106-46-7	1,4-Dichlorobenzene	0.32	0.32	U
95-50-1	1,2-Dichlorobenzene	0.31	0.31	U
105-05-5	p-Diethylbenzene	0.38	0.38	U
104-51-8	n-Butylbenzene	0.45	0.45	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.34	0.34	U
96-12-8	1,2-Dibromo-3-chloropropane	0.83	0.83	U
120-82-1	1,2,4-Trichlorobenzene	0.41	0.41	U
87-68-3	Hexachlorobutadiene	0.40	0.40	U
91-20-3	Naphthalene	0.63	0.63	U
87-61-6	1,2,3-Trichlorobenzene	0.34	0.34	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-6

Client Sample ID: S-13A
Matrix: Soil
Type: Composite
Collected: 12/6/99 14.30
% Solids: 76.9%
Remarks: See case narrative

Analyzed: 12/10/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.66	0.66	U
75-45-6	Chlorodifluoromethane	0.87	0.87	U
74-87-3	Chloromethane	0.44	0.44	U
75-01-4	Vinyl Chloride	0.44	0.44	U
74-83-9	Bromomethane	0.51	0.51	U
75-00-3	Chloroethane	0.25	0.25	U
75-69-4	Trichlorofluoromethane	0.14	0.14	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.74	0.74	U
75-35-4	1,1-Dichloroethene	0.27	0.27	U
67-64-1	Acetone	5.64	5.64	U
75-15-0	Carbon disulfide	0.35	0.35	U
75-09-2	Methylene Chloride	0.70	2.40	B
156-60-5	t-1,2-Dichloroethene	0.53	0.53	U
1634-04-4	Methyl t-butyl ether	0.64	0.64	U
75-34-3	1,1-Dichloroethane	0.21	0.21	U
590-20-7	2,2-Dichloropropane	0.30	0.30	U
156-59-2	c-1,2-Dichloroethene	0.65	0.65	U
78-93-3	2-Butanone	3.26	3.26	U
74-97-5	Bromochloromethane	0.32	0.32	U
67-66-3	Chloroform	0.22	0.22	U
71-55-6	1,1,1-Trichloroethane	0.36	0.36	U
56-23-5	Carbon Tetrachloride	0.35	0.35	U
563-58-6	1,1-Dichloropropene	0.51	0.51	U
71-43-2	Benzene	0.36	0.36	U
107-06-2	1,2-Dichloroethane	0.39	0.39	U
79-01-6	Trichloroethene	0.39	0.39	U
78-87-5	1,2-Dichloropropane	0.23	0.23	U
74-95-3	Dibromomethane	0.56	0.56	U
75-27-4	Bromodichloromethane	0.25	0.25	U
110-75-8	2-Chloroethylvinylether	0.75	0.75	U
10061-01-5	c-1,3-Dichloropropene	0.32	0.32	U
108-10-1	4-Methyl-2-pentanone	1.92	1.92	U
108-88-3	Toluene	0.43	0.43	U
10061-02-6	t-1,3-Dichloropropene	0.53	0.53	U
79-00-5	1,1,2-Trichloroethane	0.61	0.61	U
127-18-4	Tetrachloroethene	0.36	0.36	U
142-28-9	1,3-Dichloropropane	0.55	0.55	U
591-78-6	2-Hexanone	2.01	2.01	U
124-48-1	Dibromochloromethane	0.38	0.38	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-6-continue

Client Sample ID: S-13A
Matrix: Soil
Type: Composite
Collected: 12/6/99 14.30
% Solids: 76.9%
Remarks: See case narrative

Analyzed: 12/10/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.65	0.65	U
108-90-7	Chlorobenzene	0.38	0.38	U
630-20-6	1,1,1,2-Tetrachloroethane	0.42	0.42	U
100-41-4	Ethylbenzene	0.44	0.44	U
108-38-3	m,p-xylene	0.82	0.82	U
95-47-6	o-xylene	0.36	0.36	U
100-42-5	Styrene	0.38	0.38	U
75-25-2	Bromoform	0.62	0.62	U
98-82-8	Isopropylbenzene	0.34	0.34	U
108-86-1	Bromobenzene	0.57	0.57	U
79-34-5	1,1,2,2-Tetrachloroethane	0.65	0.65	U
103-65-1	n-Propylbenzene	0.48	0.48	U
96-18-4	1,2,3-Trichloropropane	0.60	0.60	U
622-96-8	p-Ethyltoluene	0.40	0.40	U
108-67-8	1,3,5-Trimethylbenzene	0.39	0.39	U
95-49-8	2-Chlorotoluene	0.34	0.34	U
106-43-4	4-Chlorotoluene	0.44	0.44	U
98-06-6	tert-Butylbenzene	0.44	0.44	U
95-63-6	1,2,4-Trimethylbenzene	0.43	0.43	U
135-98-8	sec-Butylbenzene	0.47	0.47	U
99-87-6	4-Isopropyltoluene	0.47	0.47	U
541-73-1	1,3-Dichlorobenzene	0.42	0.42	U
106-46-7	1,4-Dichlorobenzene	0.36	0.36	U
95-50-1	1,2-Dichlorobenzene	0.35	0.35	U
105-05-5	p-Diethylbenzene	0.43	0.43	U
104-51-8	n-Butylbenzene	0.51	0.51	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.39	0.39	U
96-12-8	1,2-Dibromo-3-chloropropane	0.94	0.94	U
120-82-1	1,2,4-Trichlorobenzene	0.47	0.47	U
87-68-3	Hexachlorobutadiene	0.45	0.45	U
91-20-3	Naphthalene	0.71	0.71	U
87-61-6	1,2,3-Trichlorobenzene	0.39	0.39	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-7

Client Sample ID: S-05A

Matrix: Soil

Type: Grab

Collected: 12/6/99 14.00

% Solids: 82.8%

Remarks: See case narrative

Analyzed: 12/10/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.62	0.62	U
75-45-6	Chlorodifluoromethane	0.81	0.81	U
74-87-3	Chloromethane	0.41	0.41	U
75-01-4	Vinyl Chloride	0.41	0.41	U
74-83-9	Bromomethane	0.47	0.47	U
75-00-3	Chloroethane	0.23	0.23	U
75-69-4	Trichlorofluoromethane	0.13	0.13	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	0.69	U
75-35-4	1,1-Dichloroethene	0.25	0.25	U
67-64-1	Acetone	5.25	5.25	U
75-15-0	Carbon disulfide	0.33	0.33	U
75-09-2	Methylene Chloride	0.65	2.80	B
156-60-5	t-1,2-Dichloroethene	0.50	0.50	U
1634-04-4	Methyl t-butyl ether	0.59	0.59	U
75-34-3	1,1-Dichloroethane	0.19	0.19	U
590-20-7	2,2-Dichloropropane	0.28	0.28	U
156-59-2	c-1,2-Dichloroethene	0.61	0.61	U
78-93-3	2-Butanone	3.04	3.04	U
74-97-5	Bromochloromethane	0.30	0.30	U
67-66-3	Chloroform	0.21	0.21	U
71-55-6	1,1,1-Trichloroethane	0.34	0.34	U
56-23-5	Carbon Tetrachloride	0.33	0.33	U
563-58-6	1,1-Dichloropropene	0.47	0.47	U
71-43-2	Benzene	0.34	0.34	U
107-06-2	1,2-Dichloroethane	0.36	0.36	U
79-01-6	Trichloroethene	0.36	0.36	U
78-87-5	1,2-Dichloropropane	0.22	0.22	U
74-95-3	Dibromomethane	0.52	0.52	U
75-27-4	Bromodichloromethane	0.23	0.23	U
110-75-8	2-Chloroethylvinylether	0.70	0.70	U
10061-01-5	c-1,3-Dichloropropene	0.30	0.30	U
108-10-1	4-Methyl-2-pentanone	1.79	1.79	U
108-88-3	Toluene	0.40	2.10	
10061-02-6	t-1,3-Dichloropropene	0.50	0.50	U
79-00-5	1,1,2-Trichloroethane	0.57	0.57	U
127-18-4	Tetrachloroethene	0.34	0.34	U
142-28-9	1,3-Dichloropropane	0.51	0.51	U
591-78-6	2-Hexanone	1.88	1.88	U
124-48-1	Dibromochloromethane	0.35	0.35	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-7-continue

Client Sample ID: S-05A
Matrix: Soil
Type: Grab
Collected: 12/6/99 14.00
% Solids: 82.8%
Remarks: See case narrative

Analyzed: 12/10/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.61	0.61	U
108-90-7	Chlorobenzene	0.35	0.35	U
630-20-6	1,1,1,2-Tetrachloroethane	0.39	0.39	U
100-41-4	Ethylbenzene	0.41	0.41	U
108-38-3	m,p-xylene	0.76	0.76	U
95-47-6	o-xylene	0.34	0.34	U
100-42-5	Styrene	0.35	0.35	U
75-25-2	Bromoform	0.58	0.58	U
98-82-8	Isopropylbenzene	0.31	0.31	U
108-86-1	Bromobenzene	0.53	0.53	U
79-34-5	1,1,2,2-Tetrachloroethane	0.61	0.61	U
103-65-1	n-Propylbenzene	0.45	0.45	U
96-18-4	1,2,3-Trichloropropane	0.56	0.56	U
622-96-8	p-Ethyltoluene	0.38	0.38	U
108-67-8	1,3,5-Trimethylbenzene	0.36	0.36	U
95-49-8	2-Chlorotoluene	0.31	0.31	U
106-43-4	4-Chlorotoluene	0.41	0.41	U
98-06-6	tert-Butylbenzene	0.41	0.41	U
95-63-6	1,2,4-Trimethylbenzene	0.40	0.40	U
135-98-8	sec-Butylbenzene	0.44	0.44	U
99-87-6	4-Isopropyltoluene	0.44	0.44	U
541-73-1	1,3-Dichlorobenzene	0.39	0.39	U
106-46-7	1,4-Dichlorobenzene	0.34	0.34	U
95-50-1	1,2-Dichlorobenzene	0.33	0.33	U
105-05-5	p-Diethylbenzene	0.40	0.40	U
104-51-8	n-Butylbenzene	0.47	0.47	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.36	0.36	U
96-12-8	1,2-Dibromo-3-chloropropane	0.87	0.87	U
120-82-1	1,2,4-Trichlorobenzene	0.44	0.44	U
87-68-3	Hexachlorobutadiene	0.42	0.42	U
91-20-3	Naphthalene	0.67	0.67	U
87-61-6	1,2,3-Trichlorobenzene	0.36	0.36	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-8

Client Sample ID: S-05B

Matrix: Soil

Type: Grab

Collected: 12/6/99 13.15

% Solids: 89.9%

Remarks: See case narrative

Analyzed: 12/10/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.57	0.57	U
75-45-6	Chlorodifluoromethane	0.74	0.74	U
74-87-3	Chloromethane	0.38	0.38	U
75-01-4	Vinyl Chloride	0.38	0.38	U
74-83-9	Bromomethane	0.43	0.43	U
75-00-3	Chloroethane	0.21	0.21	U
75-69-4	Trichlorofluoromethane	0.12	0.12	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.63	0.63	U
75-35-4	1,1-Dichloroethene	0.23	0.23	U
67-64-1	Acetone	4.82	4.82	U
75-15-0	Carbon disulfide	0.30	0.30	U
75-09-2	Methylene Chloride	0.60	**2.70**	B
156-60-5	t-1,2-Dichloroethene	0.46	0.46	U
1634-04-4	Methyl t-butyl ether	0.54	0.54	U
75-34-3	1,1-Dichloroethane	0.18	0.18	U
590-20-7	2,2-Dichloropropane	0.26	0.26	U
156-59-2	c-1,2-Dichloroethene	0.56	0.56	U
78-93-3	2-Butanone	2.79	2.79	U
74-97-5	Bromochloromethane	0.28	0.28	U
67-66-3	Chloroform	0.19	0.19	U
71-55-6	1,1,1-Trichloroethane	0.31	0.31	U
56-23-5	Carbon Tetrachloride	0.30	0.30	U
563-58-6	1,1-Dichloropropene	0.43	0.43	U
71-43-2	Benzene	0.31	0.31	U
107-06-2	1,2-Dichloroethane	0.33	0.33	U
79-01-6	Trichloroethene	0.33	0.33	U
78-87-5	1,2-Dichloropropane	0.20	0.20	U
74-95-3	Dibromomethane	0.48	0.48	U
75-27-4	Bromodichloromethane	0.21	0.21	U
110-75-8	2-Chloroethylvinylether	0.64	0.64	U
10061-01-5	c-1,3-Dichloropropene	0.28	0.28	U
108-10-1	4-Methyl-2-pentanone	1.64	1.64	U
108-88-3	Toluene	0.37	**3.10**	
10061-02-6	t-1,3-Dichloropropene	0.46	0.46	U
79-00-5	1,1,2-Trichloroethane	0.52	0.52	U
127-18-4	Tetrachloroethene	0.31	0.31	U
142-28-9	1,3-Dichloropropane	0.47	0.47	U
591-78-6	2-Hexanone	1.72	1.72	U
124-48-1	Dibromochloromethane	0.32	0.32	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-8-continue

Client Sample ID: S-05B
Matrix: Soil
Type: Grab
Collected: 12/6/99 13.15
% Solids: 89.9%
Remarks: See case narrative

Analyzed: 12/10/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.56	0.56	U
108-90-7	Chlorobenzene	0.32	0.32	U
630-20-6	1,1,1,2-Tetrachloroethane	0.36	0.36	U
100-41-4	Ethylbenzene	0.38	0.38	U
108-38-3	m,p-xylene	0.70	0.70	U
95-47-6	o-xylene	0.31	0.31	U
100-42-5	Styrene	0.32	0.32	U
75-25-2	Bromoform	0.53	0.53	U
98-82-8	Isopropylbenzene	0.29	0.29	U
108-86-1	Bromobenzene	0.49	0.49	U
79-34-5	1,1,2,2-Tetrachloroethane	0.56	0.56	U
103-65-1	n-Propylbenzene	0.41	0.41	U
96-18-4	1,2,3-Trichloropropane	0.51	0.51	U
622-96-8	p-Ethyltoluene	0.34	0.34	U
108-67-8	1,3,5-Trimethylbenzene	0.33	0.33	U
95-49-8	2-Chlorotoluene	0.29	0.29	U
106-43-4	4-Chlorotoluene	0.38	0.38	U
98-06-6	tert-Butylbenzene	0.38	0.38	U
95-63-6	1,2,4-Trimethylbenzene	0.37	0.37	U
135-98-8	sec-Butylbenzene	0.40	0.40	U
99-87-6	4-Isopropyltoluene	0.40	0.40	U
541-73-1	1,3-Dichlorobenzene	0.36	0.36	U
106-46-7	1,4-Dichlorobenzene	0.31	0.31	U
95-50-1	1,2-Dichlorobenzene	0.30	0.30	U
105-05-5	p-Diethylbenzene	0.37	0.37	U
104-51-8	n-Butylbenzene	0.43	0.43	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.33	0.33	U
96-12-8	1,2-Dibromo-3-chloropropane	0.80	0.80	U
120-82-1	1,2,4-Trichlorobenzene	0.40	0.40	U
87-68-3	Hexachlorobutadiene	0.39	0.39	U
91-20-3	Naphthalene	0.61	0.61	U
87-61-6	1,2,3-Trichlorobenzene	0.33	0.33	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4655-9
Client Sample ID: S-06B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 09.10
% Solids: 82.4%

Analyzed: 12/10/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.33	0.33	U
75-45-6	Chlorodifluoromethane	0.16	0.16	U
74-87-3	Chloromethane	0.59	0.59	U
75-01-4	Vinyl Chloride	0.52	0.52	U
74-83-9	Bromomethane	0.56	0.56	U
75-00-3	Chloroethane	0.74	0.74	U
75-69-4	Trichlorofluoromethane	0.30	0.30	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.41	0.41	U
75-35-4	1,1-Dichloroethene	0.56	0.56	U
67-64-1	Acetone	3.07	**218**	
75-15-0	Carbon disulfide	0.50	**2.50**	
75-09-2	Methylene Chloride	0.56	**9.20**	
156-60-5	t-1,2-Dichloroethene	0.64	0.64	U
1634-04-4	Methyl t-butyl ether	0.81	0.81	U
75-34-3	1,1-Dichloroethane	0.30	0.30	U
590-20-7	2,2-Dichloropropane	0.28	0.28	U
156-59-2	c-1,2-Dichloroethene	0.38	0.38	U
78-93-3	2-Butanone	2.35	2.35	U
74-97-5	Bromochloromethane	0.48	0.48	U
67-66-3	Chloroform	0.13	0.13	U
71-55-6	1,1,1-Trichloroethane	0.11	0.11	U
56-23-5	Carbon Tetrachloride	0.23	0.23	U
563-58-6	1,1-Dichloropropene	0.83	0.83	U
71-43-2	Benzene	0.44	**2.10**	
107-06-2	1,2-Dichloroethane	0.46	0.46	U
79-01-6	Trichloroethene	0.19	0.19	U
78-87-5	1,2-Dichloropropane	0.41	0.41	U
74-95-3	Dibromomethane	0.38	0.38	U
75-27-4	Bromodichloromethane	0.31	0.31	U
110-75-8	2-Chloroethylvinylether	1.25	1.25	U
10061-01-5	c-1,3-Dichloropropene	0.24	0.24	U
108-10-1	4-Methyl-2-pentanone	1.15	1.15	U
108-88-3	Toluene	0.30	**2.20**	
10061-02-6	t-1,3-Dichloropropene	0.35	0.35	U
79-00-5	1,1,2-Trichloroethane	0.51	0.51	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.42	0.42	U
591-78-6	2-Hexanone	1.67	1.67	U
124-48-1	Dibromochloromethane	0.23	0.23	U

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ANALYSIS REPORT - EPA 8260

Sample: J4655-9-continue

Client Sample ID: S-06B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 09.10
% Solids: 82.4%

Analyzed: 12/10/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.31	0.31	U
108-90-7	Chlorobenzene	0.23	0.23	U
630-20-6	1,1,1,2-Tetrachloroethane	0.30	0.30	U
100-41-4	Ethylbenzene	0.50	0.50	U
108-38-3	m,p-xylene	0.40	**2.80**	
95-47-6	o-xylene	0.47	0.47	U
100-42-5	Styrene	0.30	0.30	U
75-25-2	Bromoform	0.19	0.19	U
98-82-8	Isopropylbenzene	0.13	0.13	U
108-86-1	Bromobenzene	0.18	0.18	U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	0.40	U
103-65-1	n-Propylbenzene	0.40	0.40	U
96-18-4	1,2,3-Trichloropropane	0.69	0.69	U
622-96-8	p-Ethyltoluene	0.23	0.23	U
108-67-8	1,3,5-Trimethylbenzene	0.25	0.25	U
95-49-8	2-Chlorotoluene	0.54	0.54	U
106-43-4	4-Chlorotoluene	0.46	0.46	U
98-06-6	tert-Butylbenzene	0.22	0.22	U
95-63-6	1,2,4-Trimethylbenzene	0.13	**0.87**	
135-98-8	sec-Butylbenzene	0.16	0.16	U
99-87-6	4-Isopropyltoluene	0.22	0.22	U
541-73-1	1,3-Dichlorobenzene	0.31	0.31	U
106-46-7	1,4-Dichlorobenzene	0.31	0.31	U
95-50-1	1,2-Dichlorobenzene	0.22	0.22	U
105-05-5	p-Diethylbenzene	0.36	0.36	U
104-51-8	n-Butylbenzene	0.24	0.24	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.23	0.23	U
96-12-8	1,2-Dibromo-3-chloropropane	0.81	0.81	U
120-82-1	1,2,4-Trichlorobenzene	0.41	0.41	U
87-68-3	Hexachlorobutadiene	0.23	0.23	U
91-20-3	Naphthalene	0.36	**14.2**	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4655-10

Client Sample ID: ER-1 Collected: 12/6/99 14.30

Matrix: Liquid Type: Grab

Remarks: See case narrative

Analyzed: 12/10/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
75-71-8	Dichlorodifluoromethane	0.22	0.22	U
75-45-6	Chlorodifluoromethane	0.46	0.46	U
74-87-3	Chloromethane	0.38	0.38	U
75-01-4	Vinyl Chloride	0.41	0.41	U
74-83-9	Bromomethane	0.37	0.37	U
75-00-3	Chloroethane	0.25	0.25	U
75-69-4	Trichlorofluoromethane	0.32	0.32	U
76-13-1	1,1,2-Trichlorotrifluoroethane	0.26	0.26	U
75-35-4	1,1-Dichloroethene	0.48	0.48	U
67-64-1	Acetone	1.30	1.30	U
75-15-0	Carbon disulfide	0.21	**1.50**	
75-09-2	Methylene Chloride	0.30	0.30	U
156-60-5	t-1,2-Dichloroethene	0.28	0.28	U
1634-04-4	Methyl t-butyl ether	0.23	0.23	U
75-34-3	1,1-Dichloroethane	0.18	0.18	U
590-20-7	2,2-Dichloropropane	0.37	0.37	U
156-59-2	c-1,2-Dichloroethene	0.34	0.34	U
78-93-3	2-Butanone	0.82	0.82	U
74-97-5	Bromochloromethane	0.26	0.26	U
67-66-3	Chloroform	0.26	0.26	U
71-55-6	1,1,1-Trichloroethane	0.31	0.31	U
56-23-5	Carbon Tetrachloride	0.34	0.34	U
563-58-6	1,1-Dichloropropene	0.68	0.68	U
71-43-2	Benzene	0.14	0.14	U
107-06-2	1,2-Dichloroethane	0.19	0.19	U
79-01-6	Trichloroethene	0.27	0.27	U
78-87-5	1,2-Dichloropropane	0.12	0.12	U
74-95-3	Dibromomethane	0.31	0.31	U
75-27-4	Bromodichloromethane	0.12	0.12	U
110-75-8	2-Chloroethylvinylether	0.37	0.37	U
10061-01-5	c-1,3-Dichloropropene	0.19	0.19	U
108-10-1	4-Methyl-2-pentanone	0.45	0.45	U
108-88-3	Toluene	0.16	0.16	U
10061-02-6	t-1,3-Dichloropropene	0.16	0.16	U
79-00-5	1,1,2-Trichloroethane	0.37	0.37	U
127-18-4	Tetrachloroethene	0.28	0.28	U
142-28-9	1,3-Dichloropropane	0.11	0.11	U
591-78-6	2-Hexanone	0.49	0.49	U
124-48-1	Dibromochloromethane	0.18	0.18	U

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12/29/99

ANALYSIS REPORT - EPA 8260

Sample: J4655-10-continue
Client Sample ID: ER-1 Collected: 12/6/99 14.30
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/10/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
106-93-4	1,2-Dibromoethane	0.14	0.14	U
108-90-7	Chlorobenzene	0.21	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane	0.32	0.32	U
100-41-4	Ethylbenzene	0.21	0.21	U
108-38-3	m,p-xylene	0.45	0.45	U
95-47-6	o-xylene	0.27	0.27	U
100-42-5	Styrene	0.28	0.28	U
75-25-2	Bromoform	0.20	0.20	U
98-82-8	Isopropylbenzene	0.21	0.21	U
108-86-1	Bromobenzene	0.19	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	0.14	0.14	U
103-65-1	n-Propylbenzene	0.28	0.28	U
96-18-4	1,2,3-Trichloropropane	0.44	0.44	U
622-96-8	p-Ethyltoluene	0.34	0.34	U
108-67-8	1,3,5-Trimethylbenzene	0.30	0.30	U
95-49-8	2-Chlorotoluene	0.27	0.27	U
106-43-4	4-Chlorotoluene	0.14	0.14	U
98-06-6	tert-Butylbenzene	0.29	0.29	U
95-63-6	1,2,4-Trimethylbenzene	0.25	0.25	U
135-98-8	sec-Butylbenzene	0.25	0.25	U
99-87-6	4-Isopropyltoluene	0.31	0.31	U
541-73-1	1,3-Dichlorobenzene	0.11	0.11	U
106-46-7	1,4-Dichlorobenzene	0.14	0.14	U
95-50-1	1,2-Dichlorobenzene	0.19	0.19	U
105-05-5	p-Diethylbenzene	0.32	0.32	U
104-51-8	n-Butylbenzene	0.27	0.27	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.19	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	0.42	0.42	U
120-82-1	1,2,4-Trichlorobenzene	0.27	0.27	U
87-68-3	Hexachlorobutadiene	0.32	0.32	U
91-20-3	Naphthalene	0.18	0.18	U
87-61-6	1,2,3-Trichlorobenzene	0.13	0.13	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-1

Client Sample ID: S-08B

Collected: 12/6/99 09.45

Matrix: Soil

Type: Composite

% Solids: 82.6%

Remarks: See case narrative

Analyzed: 12/13/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	27.7	27.7	U
111-44-4	bis(2-Chloroethyl)ether	39.7	39.7	U
95-57-8	2-Chlorophenol	36.1	36.1	U
541-73-1	1,3-Dichlorobenzene	21.2	21.2	U
106-46-7	1,4-Dichlorobenzene	36.4	36.4	U
100-51-6	Benzyl alcohol	25.8	25.8	U
95-50-1	1,2-Dichlorobenzene	39.4	39.4	U
95-48-7	2-Methylphenol	45.4	45.4	U
108-60-1	bis(2-Chloroisopropyl)ether	53.8	53.8	U
106-44-5	3,4-Methylphenol	152	152	U
621-64-7	N-Nitroso-di-n-propylamine	47.6	47.6	U
67-72-1	Hexachloroethane	54.1	54.1	U
98-95-3	Nitrobenzene	41.6	41.6	U
78-59-1	Isophorone	42.8	253	
88-75-5	2-Nitrophenol	60.8	60.8	U
105-67-9	2,4-Dimethylphenol	41.2	41.2	U
65-85-0	Benzoic acid	254	254	U
111-91-1	bis(2-Chloroethoxy)methane	35.0	35.0	U
120-83-2	2,4-Dichlorophenol	62.3	62.3	U
120-82-1	1,2,4-Trichlorobenzene	33.8	33.8	U
91-20-3	Naphthalene	32.3	32.3	U
106-47-8	4-Chloroaniline	29.9	29.9	U
87-68-3	Hexachlorobutadiene	42.8	42.8	U
59-50-7	4-Chloro-3-methylphenol	70.7	70.7	U
91-57-6	2-Methylnaphthalene	45.4	45.4	U
77-47-4	Hexachlorocyclopentadiene	32.2	32.2	U
88-06-2	2,4,6-Trichlorophenol	47.3	47.3	U
95-95-4	2,4,5-Trichlorophenol	68.8	68.8	U
91-58-7	2-Chloronaphthalene	33.1	33.1	U
88-74-4	2-Nitroaniline	70.0	70.0	U
131-11-3	Dimethyl phthalate	62.6	62.6	U
208-96-8	Acenaphthylene	42.4	42.4	U
606-20-2	2,6-Dinitrotoluene	51.6	51.6	U
99-09-2	3-Nitroaniline	117	117	U
83-32-9	Acenaphthene	46.9	46.9	U
51-28-5	2,4-Dinitrophenol	103	103	U
100-02-7	4-Nitrophenol	231	231	U
132-64-9	Dibenzofuran	49.7	49.7	U
121-14-2	2,4-Dinitrotoluene	65.6	65.6	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-1-continue

Client Sample ID: S-08B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 09.45
% Solids: 82.6%

Analyzed: 12/13/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	106	106	U
7005-72-3	4-Chlorophenyl-phenyl ether	62.0	62.0	U
86-73-7	Fluorene	46.8	46.8	U
100-01-6	4-Nitroaniline	96.2	96.2	U
534-52-1	4,6-Dinitro-2-methylphenol	95.6	95.6	U
86-30-6	N-nitrosodiphenylamine	86.9	86.9	U
101-55-3	4-Bromophenyl-phenylether	65.9	65.9	U
118-74-1	Hexachlorobenzene	73.8	73.8	U
87-86-5	Pentachlorophenol	118	118	U
85-01-8	Phenanthrene	68.0	68.0	U
120-12-7	Anthracene	62.5	62.5	U
84-74-2	Di-n-butylphthalate	104	**71.9**	J
206-44-0	Fluoranthene	79.3	79.3	U
129-00-0	Pyrene	75.0	75.0	U
85-68-7	Butylbenzylphthalate	106	106	U
91-94-1	3,3'-Dichlorobenzidine	102	102	U
56-55-3	Benzo(a)anthracene	72.8	72.8	U
218-01-9	Chrysene	74.2	74.2	U
117-81-7	bis(2-Ethylhexyl)phthalate	122	**55.1**	JB
117-84-0	Di-n-octylphthalate	107	107	U
205-99-2	Benzo(b)fluoranthene	88.2	88.2	U
207-08-9	Benzo(k)fluoranthene	94.6	94.6	U
50-32-8	Benzo(a)pyrene	81.8	81.8	U
193-39-5	Indeno(1,2,3-cd)pyrene	133	133	U
53-70-3	Dibenzo(a,h)anthracene	123	123	U
191-24-2	Benzo(g,h,i)perylene	86.5	86.5	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-2

Client Sample ID: S-08C
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 10.00
% Solids: 83.6%

Analyzed: 12/13/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	26.3	26.3	U
111-44-4	bis(2-Chloroethyl)ether	37.7	37.7	U
95-57-8	2-Chlorophenol	34.3	34.3	U
541-73-1	1,3-Dichlorobenzene	20.2	20.2	U
106-46-7	1,4-Dichlorobenzene	34.5	34.5	U
100-51-6	Benzyl alcohol	24.5	24.5	U
95-50-1	1,2-Dichlorobenzene	37.4	37.4	U
95-48-7	2-Methylphenol	43.1	43.1	U
108-60-1	bis(2-Chloroisopropyl)ether	51.1	51.1	U
106-44-5	3,4-Methylphenol	144	144	U
621-64-7	N-Nitroso-di-n-propylamine	45.3	45.3	U
67-72-1	Hexachloroethane	51.4	51.4	U
98-95-3	Nitrobenzene	39.6	39.6	U
78-59-1	Isophorone	40.7	40.7	U
88-75-5	2-Nitrophenol	57.8	57.8	U
105-67-9	2,4-Dimethylphenol	39.1	39.1	U
65-85-0	Benzoic acid	241	241	U
111-91-1	bis(2-Chloroethoxy)methane	33.3	33.3	U
120-83-2	2,4-Dichlorophenol	59.2	59.2	U
120-82-1	1,2,4-Trichlorobenzene	32.1	32.1	U
91-20-3	Naphthalene	30.7	30.7	U
106-47-8	4-Chloroaniline	28.4	28.4	U
87-68-3	Hexachlorobutadiene	40.7	40.7	U
59-50-7	4-Chloro-3-methylphenol	67.1	67.1	U
91-57-6	2-Methylnaphthalene	43.1	43.1	U
77-47-4	Hexachlorocyclopentadiene	30.6	30.6	U
88-06-2	2,4,6-Trichlorophenol	44.9	44.9	U
95-95-4	2,4,5-Trichlorophenol	65.3	65.3	U
91-58-7	2-Chloronaphthalene	31.5	31.5	U
88-74-4	2-Nitroaniline	66.5	66.5	U
131-11-3	Dimethyl phthalate	59.5	59.5	U
208-96-8	Acenaphthylene	40.2	40.2	U
606-20-2	2,6-Dinitrotoluene	49.0	49.0	U
99-09-2	3-Nitroaniline	111	111	U
83-32-9	Acenaphthene	44.6	44.6	U
51-28-5	2,4-Dinitrophenol	97.6	97.6	U
100-02-7	4-Nitrophenol	220	220	U
132-64-9	Dibenzofuran	47.2	47.2	U
121-14-2	2,4-Dinitrotoluene	62.4	62.4	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-2-continue
Client Sample ID: S-08C
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 10.00
% Solids: 83.6%

Analyzed: 12/13/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	101	101	U
7005-72-3	4-Chlorophenyl-phenyl ether	58.9	58.9	U
86-73-7	Fluorene	44.5	44.5	U
100-01-6	4-Nitroaniline	91.4	91.4	U
534-52-1	4,6-Dinitro-2-methylphenol	90.9	90.9	U
86-30-6	N-nitrosodiphenylamine	82.5	82.5	U
101-55-3	4-Bromophenyl-phenylether	62.6	62.6	U
118-74-1	Hexachlorobenzene	70.1	70.1	U
87-86-5	Pentachlorophenol	113	113	U
85-01-8	Phenanthrene	64.6	64.6	U
120-12-7	Anthracene	59.4	59.4	U
84-74-2	Di-n-butylphthalate	98.5	98.5	U
206-44-0	Fluoranthene	75.4	75.4	U
129-00-0	Pyrene	71.3	71.3	U
85-68-7	Butylbenzylphthalate	101	101	U
91-94-1	3,3'-Dichlorobenzidine	96.8	96.8	U
56-55-3	Benzo(a)anthracene	69.2	69.2	U
218-01-9	Chrysene	70.5	70.5	U
117-81-7	bis(2-Ethylhexyl)phthalate	116	101	JB
117-84-0	Di-n-octylphthalate	102	102	U
205-99-2	Benzo(b)fluoranthene	83.8	83.8	U
207-08-9	Benzo(k)fluoranthene	89.8	89.8	U
50-32-8	Benzo(a)pyrene	77.7	77.7	U
193-39-5	Indeno(1,2,3-cd)pyrene	126	126	U
53-70-3	Dibenzo(a,h)anthracene	117	117	U
191-24-2	Benzo(g,h,i)perylene	82.2	82.2	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-3
Client Sample ID: S-09A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 12.45
% Solids: 88.1%

Analyzed: 12/13/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	25.2	25.2	U
111-44-4	bis(2-Chloroethyl)ether	36.1	36.1	U
95-57-8	2-Chlorophenol	32.8	32.8	U
541-73-1	1,3-Dichlorobenzene	19.3	19.3	U
106-46-7	1,4-Dichlorobenzene	33.0	33.0	U
100-51-6	Benzyl alcohol	23.4	23.4	U
95-50-1	1,2-Dichlorobenzene	35.8	35.8	U
95-48-7	2-Methylphenol	41.2	41.2	U
108-60-1	bis(2-Chloroisopropyl)ether	48.8	48.8	U
106-44-5	3,4-Methylphenol	138	138	U
621-64-7	N-Nitroso-di-n-propylamine	43.3	43.3	U
67-72-1	Hexachloroethane	49.2	49.2	U
98-95-3	Nitrobenzene	37.8	37.8	U
78-59-1	Isophorone	38.9	38.9	U
88-75-5	2-Nitrophenol	55.3	55.3	U
105-67-9	2,4-Dimethylphenol	37.4	37.4	U
65-85-0	Benzoic acid	230	230	U
111-91-1	bis(2-Chloroethoxy)methane	31.8	31.8	U
120-83-2	2,4-Dichlorophenol	56.6	56.6	U
120-82-1	1,2,4-Trichlorobenzene	30.7	30.7	U
91-20-3	Naphthalene	29.3	29.3	U
106-47-8	4-Chloroaniline	27.1	27.1	U
87-68-3	Hexachlorobutadiene	38.9	38.9	U
59-50-7	4-Chloro-3-methylphenol	64.2	64.2	U
91-57-6	2-Methylnaphthalene	41.2	**48.0**	
77-47-4	Hexachlorocyclopentadiene	29.2	29.2	U
88-06-2	2,4,6-Trichlorophenol	42.9	42.9	U
95-95-4	2,4,5-Trichlorophenol	62.5	62.5	U
91-58-7	2-Chloronaphthalene	30.1	30.1	U
88-74-4	2-Nitroaniline	63.5	63.5	U
131-11-3	Dimethyl phthalate	56.9	56.9	U
208-96-8	Acenaphthylene	38.5	38.5	U
606-20-2	2,6-Dinitrotoluene	46.9	46.9	U
99-09-2	3-Nitroaniline	106	106	U
83-32-9	Acenaphthene	42.6	42.6	U
51-28-5	2,4-Dinitrophenol	93.3	93.3	U
100-02-7	4-Nitrophenol	210	210	U
132-64-9	Dibenzofuran	45.1	45.1	U
121-14-2	2,4-Dinitrotoluene	59.6	59.6	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-3-continue

Client Sample ID: S-09A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 12.45
% Solids: 88.1%

Analyzed: 12/13/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	96.6	96.6	U
7005-72-3	4-Chlorophenyl-phenyl ether	56.4	56.4	U
86-73-7	Fluorene	42.5	42.5	U
100-01-6	4-Nitroaniline	87.4	87.4	U
534-52-1	4,6-Dinitro-2-methylphenol	86.9	86.9	U
86-30-6	N-nitrosodiphenylamine	78.9	78.9	U
101-55-3	4-Bromophenyl-phenylether	59.8	59.8	U
118-74-1	Hexachlorobenzene	67.0	67.0	U
87-86-5	Pentachlorophenol	108	108	U
85-01-8	Phenanthrene	61.8	**528**	
120-12-7	Anthracene	56.8	**92.8**	
84-74-2	Di-n-butylphthalate	94.2	94.2	U
206-44-0	Fluoranthene	72.0	**826**	
129-00-0	Pyrene	68.1	**688**	
85-68-7	Butylbenzylphthalate	96.7	96.7	U
91-94-1	3,3'-Dichlorobenzidine	92.5	92.5	U
56-55-3	Benzo(a)anthracene	66.2	**430**	
218-01-9	Chrysene	67.4	**502**	
117-81-7	bis(2-Ethylhexyl)phthalate	111	**317**	B
117-84-0	Di-n-octylphthalate	97.1	97.1	U
205-99-2	Benzo(b)fluoranthene	80.1	**457**	
207-08-9	Benzo(k)fluoranthene	85.9	**430**	
50-32-8	Benzo(a)pyrene	74.3	**445**	
193-39-5	Indeno(1,2,3-cd)pyrene	121	**204**	
53-70-3	Dibenzo(a,h)anthracene	112	112	U
191-24-2	Benzo(g,h,i)perylene	78.6	**192**	

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-4

Client Sample ID: S-09B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 12.30
% Solids: 86.5%

Analyzed: 12/13/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	25.6	25.6	U
111-44-4	bis(2-Chloroethyl)ether	36.7	36.7	U
95-57-8	2-Chlorophenol	33.4	33.4	U
541-73-1	1,3-Dichlorobenzene	19.6	19.6	U
106-46-7	1,4-Dichlorobenzene	33.6	33.6	U
100-51-6	Benzyl alcohol	23.9	**90.0**	
95-50-1	1,2-Dichlorobenzene	36.4	36.4	U
95-48-7	2-Methylphenol	42.0	**687**	
108-60-1	bis(2-Chloroisopropyl)ether	49.7	49.7	U
106-44-5	3,4-Methylphenol	141	**442**	
621-64-7	N-Nitroso-di-n-propylamine	44.1	44.1	U
67-72-1	Hexachloroethane	50.1	50.1	U
98-95-3	Nitrobenzene	38.5	38.5	U
78-59-1	Isophorone	39.6	39.6	U
88-75-5	2-Nitrophenol	56.3	56.3	U
105-67-9	2,4-Dimethylphenol	38.1	**310**	
65-85-0	Benzoic acid	235	235	U
111-91-1	bis(2-Chloroethoxy)methane	32.4	32.4	U
120-83-2	2,4-Dichlorophenol	57.6	57.6	U
120-82-1	1,2,4-Trichlorobenzene	31.3	31.3	U
91-20-3	Naphthalene	29.9	29.9	U
106-47-8	4-Chloroaniline	27.6	27.6	U
87-68-3	Hexachlorobutadiene	39.6	39.6	U
59-50-7	4-Chloro-3-methylphenol	65.4	65.4	U
91-57-6	2-Methylnaphthalene	42.0	42.0	U
77-47-4	Hexachlorocyclopentadiene	29.7	29.7	U
88-06-2	2,4,6-Trichlorophenol	43.7	43.7	U
95-95-4	2,4,5-Trichlorophenol	63.6	63.6	U
91-58-7	2-Chloronaphthalene	30.6	30.6	U
88-74-4	2-Nitroaniline	64.7	64.7	U
131-11-3	Dimethyl phthalate	57.9	57.9	U
208-96-8	Acenaphthylene	39.2	39.2	U
606-20-2	2,6-Dinitrotoluene	47.7	47.7	U
99-09-2	3-Nitroaniline	108	108	U
83-32-9	Acenaphthene	43.4	43.4	U
51-28-5	2,4-Dinitrophenol	95.0	95.0	U
100-02-7	4-Nitrophenol	214	214	U
132-64-9	Dibenzofuran	46.0	46.0	U
121-14-2	2,4-Dinitrotoluene	60.7	60.7	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-4-continue

Client Sample ID: S-09B
Matrix: Soil
Type: Composite
Collected: 12/6/99 12.30
% Solids: 86.5%
Remarks: See case narrative

Analyzed: 12/13/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	98.3	98.3	U
7005-72-3	4-Chlorophenyl-phenyl ether	57.4	57.4	U
86-73-7	Fluorene	43.3	43.3	U
100-01-6	4-Nitroaniline	89.0	89.0	U
534-52-1	4,6-Dinitro-2-methylphenol	88.5	88.5	U
86-30-6	N-nitrosodiphenylamine	80.4	80.4	U
101-55-3	4-Bromophenyl-phenylether	60.9	60.9	U
118-74-1	Hexachlorobenzene	68.3	68.3	U
87-86-5	Pentachlorophenol	110	110	U
85-01-8	Phenanthrene	62.9	62.9	U
120-12-7	Anthracene	57.8	57.8	U
84-74-2	Di-n-butylphthalate	95.9	53.4	J
206-44-0	Fluoranthene	73.4	73.4	U
129-00-0	Pyrene	69.4	69.4	U
85-68-7	Butylbenzylphthalate	98.5	98.5	U
91-94-1	3,3'-Dichlorobenzidine	94.2	94.2	U
56-55-3	Benzo(a)anthracene	67.4	67.4	U
218-01-9	Chrysene	68.6	68.6	U
117-81-7	bis(2-Ethylhexyl)phthalate	113	113	U
117-84-0	Di-n-octylphthalate	98.9	98.9	U
205-99-2	Benzo(b)fluoranthene	81.6	81.6	U
207-08-9	Benzo(k)fluoranthene	87.5	87.5	U
50-32-8	Benzo(a)pyrene	75.7	75.7	U
193-39-5	Indeno(1,2,3-cd)pyrene	123	123	U
53-70-3	Dibenzo(a,h)anthracene	114	114	U
191-24-2	Benzo(g,h,i)perylene	80.0	80.0	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-5
Client Sample ID: S-13B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 14.00
% Solids: 86.9%

Analyzed: 12/13/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	26.1	**120**	
111-44-4	bis(2-Chloroethyl)ether	37.4	37.4	U
95-57-8	2-Chlorophenol	34.0	34.0	U
541-73-1	1,3-Dichlorobenzene	20.0	20.0	U
106-46-7	1,4-Dichlorobenzene	34.2	34.2	U
100-51-6	Benzyl alcohol	24.3	24.3	U
95-50-1	1,2-Dichlorobenzene	37.1	37.1	U
95-48-7	2-Methylphenol	42.7	42.7	U
108-60-1	bis(2-Chloroisopropyl)ether	50.6	50.6	U
106-44-5	3,4-Methylphenol	143	143	U
621-64-7	N-Nitroso-di-n-propylamine	44.9	44.9	U
67-72-1	Hexachloroethane	51.0	51.0	U
98-95-3	Nitrobenzene	39.2	39.2	U
78-59-1	Isophorone	40.3	40.3	U
88-75-5	2-Nitrophenol	57.3	57.3	U
105-67-9	2,4-Dimethylphenol	38.8	38.8	U
65-85-0	Benzoic acid	239	239	U
111-91-1	bis(2-Chloroethoxy)methane	33.0	33.0	U
120-83-2	2,4-Dichlorophenol	58.6	58.6	U
120-82-1	1,2,4-Trichlorobenzene	31.9	31.9	U
91-20-3	Naphthalene	30.4	30.4	U
106-47-8	4-Chloroaniline	28.1	28.1	U
87-68-3	Hexachlorobutadiene	40.3	40.3	U
59-50-7	4-Chloro-3-methylphenol	66.6	66.6	U
91-57-6	2-Methylnaphthalene	42.7	42.7	U
77-47-4	Hexachlorocyclopentadiene	30.3	30.3	U
88-06-2	2,4,6-Trichlorophenol	44.5	44.5	U
95-95-4	2,4,5-Trichlorophenol	64.7	64.7	U
91-58-7	2-Chloronaphthalene	31.2	31.2	U
88-74-4	2-Nitroaniline	65.9	65.9	U
131-11-3	Dimethyl phthalate	59.0	59.0	U
208-96-8	Acenaphthylene	39.9	39.9	U
606-20-2	2,6-Dinitrotoluene	48.6	48.6	U
99-09-2	3-Nitroaniline	110	110	U
83-32-9	Acenaphthene	44.2	44.2	U
51-28-5	2,4-Dinitrophenol	96.7	96.7	U
100-02-7	4-Nitrophenol	218	218	U
132-64-9	Dibenzofuran	46.8	46.8	U
121-14-2	2,4-Dinitrotoluene	61.8	61.8	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-5-continue

Client Sample ID: S-13B
Matrix: Soil
Type: Composite
Collected: 12/6/99 14.00
% Solids: 86.9%
Remarks: See case narrative

Analyzed: 12/13/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	100	100	U
7005-72-3	4-Chlorophenyl-phenyl ether	58.4	58.4	U
86-73-7	Fluorene	44.1	44.1	U
100-01-6	4-Nitroaniline	90.6	90.6	U
534-52-1	4,6-Dinitro-2-methylphenol	90.1	90.1	U
86-30-6	N-nitrosodiphenylamine	81.8	81.8	U
101-55-3	4-Bromophenyl-phenylether	62.0	62.0	U
118-74-1	Hexachlorobenzene	69.5	69.5	U
87-86-5	Pentachlorophenol	112	112	U
85-01-8	Phenanthrene	64.1	64.1	U
120-12-7	Anthracene	58.9	58.9	U
84-74-2	Di-n-butylphthalate	97.6	**50.8**	J
206-44-0	Fluoranthene	74.7	74.7	U
129-00-0	Pyrene	70.6	70.6	U
85-68-7	Butylbenzylphthalate	100	100	U
91-94-1	3,3'-Dichlorobenzidine	95.9	95.9	U
56-55-3	Benzo(a)anthracene	68.6	68.6	U
218-01-9	Chrysene	69.8	69.8	U
117-81-7	bis(2-Ethylhexyl)phthalate	115	**130**	B
117-84-0	Di-n-octylphthalate	101	101	U
205-99-2	Benzo(b)fluoranthene	83.1	83.1	U
207-08-9	Benzo(k)fluoranthene	89.0	89.0	U
50-32-8	Benzo(a)pyrene	77.1	77.1	U
193-39-5	Indeno(1,2,3-cd)pyrene	125	125	U
53-70-3	Dibenzo(a,h)anthracene	116	116	U
191-24-2	Benzo(g,h,i)perylene	81.5	81.5	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-6
Client Sample ID: S-13A
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 14.30
% Solids: 76.9%

Analyzed: 12/13/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	29.8	29.8	U
111-44-4	bis(2-Chloroethyl)ether	42.7	42.7	U
95-57-8	2-Chlorophenol	38.8	38.8	U
541-73-1	1,3-Dichlorobenzene	22.8	22.8	U
106-46-7	1,4-Dichlorobenzene	39.1	39.1	U
100-51-6	Benzyl alcohol	27.7	27.7	U
95-50-1	1,2-Dichlorobenzene	42.3	42.3	U
95-48-7	2-Methylphenol	48.8	48.8	U
108-60-1	bis(2-Chloroisopropyl)ether	57.8	57.8	U
106-44-5	3,4-Methylphenol	163	163	U
621-64-7	N-Nitroso-di-n-propylamine	51.2	51.2	U
67-72-1	Hexachloroethane	58.2	58.2	U
98-95-3	Nitrobenzene	44.8	44.8	U
78-59-1	Isophorone	46.1	46.1	U
88-75-5	2-Nitrophenol	65.4	65.4	U
105-67-9	2,4-Dimethylphenol	44.2	44.2	U
65-85-0	Benzoic acid	273	273	U
111-91-1	bis(2-Chloroethoxy)methane	37.7	37.7	U
120-83-2	2,4-Dichlorophenol	67.0	67.0	U
120-82-1	1,2,4-Trichlorobenzene	36.4	36.4	U
91-20-3	Naphthalene	34.7	34.7	U
106-47-8	4-Chloroaniline	32.1	32.1	U
87-68-3	Hexachlorobutadiene	46.1	46.1	U
59-50-7	4-Chloro-3-methylphenol	76.0	76.0	U
91-57-6	2-Methylnaphthalene	48.8	**60.5**	
77-47-4	Hexachlorocyclopentadiene	34.6	34.6	U
88-06-2	2,4,6-Trichlorophenol	50.8	50.8	U
95-95-4	2,4,5-Trichlorophenol	73.9	73.9	U
91-58-7	2-Chloronaphthalene	35.6	35.6	U
88-74-4	2-Nitroaniline	75.2	75.2	U
131-11-3	Dimethyl phthalate	67.3	67.3	U
208-96-8	Acenaphthylene	45.5	**138**	
606-20-2	2,6-Dinitrotoluene	55.5	55.5	U
99-09-2	3-Nitroaniline	126	126	U
83-32-9	Acenaphthene	50.4	**109**	
51-28-5	2,4-Dinitrophenol	110	110	U
100-02-7	4-Nitrophenol	249	249	U
132-64-9	Dibenzofuran	53.4	**79.8**	
121-14-2	2,4-Dinitrotoluene	70.6	70.6	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-6-continue

Client Sample ID: S-13A — Collected: 12/6/99 14.30

Matrix: Soil — Type: Composite — % Solids: 76.9%

Remarks: See case narrative

Analyzed: 12/13/99 — Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	114	114	U
7005-72-3	4-Chlorophenyl-phenyl ether	66.7	66.7	U
86-73-7	Fluorene	50.3	**133**	
100-01-6	4-Nitroaniline	103	103	U
534-52-1	4,6-Dinitro-2-methylphenol	103	103	U
86-30-6	N-nitrosodiphenylamine	93.4	93.4	U
101-55-3	4-Bromophenyl-phenylether	70.8	70.8	U
118-74-1	Hexachlorobenzene	79.3	79.3	U
87-86-5	Pentachlorophenol	127	127	U
85-01-8	Phenanthrene	73.1	**1820**	
120-12-7	Anthracene	67.2	**642**	
84-74-2	Di-n-butylphthalate	111	**74.7**	J
206-44-0	Fluoranthene	85.3	**1910**	
129-00-0	Pyrene	80.6	80.6	U
85-68-7	Butylbenzylphthalate	114	**54.1**	J
91-94-1	3,3'-Dichlorobenzidine	110	**1190**	
56-55-3	Benzo(a)anthracene	78.3	**1200**	
218-01-9	Chrysene	79.7	**145**	B
117-81-7	bis(2-Ethylhexyl)phthalate	131	131	U
117-84-0	Di-n-octylphthalate	115	**1040**	
205-99-2	Benzo(b)fluoranthene	94.8	**1080**	
207-08-9	Benzo(k)fluoranthene	102	**1040**	
50-32-8	Benzo(a)pyrene	88.0	**440**	
193-39-5	Indeno(1,2,3-cd)pyrene	143	143	U
53-70-3	Dibenzo(a,h)anthracene	133	**465**	
191-24-2	Benzo(g,h,i)perylene	93.0	93.0	U

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12/29/99

ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-7

Client Sample ID: S-05A

Matrix: Soil

Type: Grab

Collected: 12/6/99 14.00

% Solids: 82.8%

Remarks: See case narrative

Analyzed: 12/13/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	26.8	26.8	U
111-44-4	bis(2-Chloroethyl)ether	38.4	38.4	U
95-57-8	2-Chlorophenol	34.9	34.9	U
541-73-1	1,3-Dichlorobenzene	20.5	20.5	U
106-46-7	1,4-Dichlorobenzene	35.1	35.1	U
100-51-6	Benzyl alcohol	24.9	24.9	U
95-50-1	1,2-Dichlorobenzene	38.0	38.0	U
95-48-7	2-Methylphenol	43.8	43.8	U
108-60-1	bis(2-Chloroisopropyl)ether	52.0	52.0	U
106-44-5	3,4-Methylphenol	147	147	U
621-64-7	N-Nitroso-di-n-propylamine	46.1	46.1	U
67-72-1	Hexachloroethane	52.3	52.3	U
98-95-3	Nitrobenzene	40.3	40.3	U
78-59-1	Isophorone	41.4	41.4	U
88-75-5	2-Nitrophenol	58.8	58.8	U
105-67-9	2,4-Dimethylphenol	39.8	39.8	U
65-85-0	Benzoic acid	245	245	U
111-91-1	bis(2-Chloroethoxy)methane	33.9	33.9	U
120-83-2	2,4-Dichlorophenol	60.2	60.2	U
120-82-1	1,2,4-Trichlorobenzene	32.7	32.7	U
91-20-3	Naphthalene	31.2	**179**	
106-47-8	4-Chloroaniline	28.9	28.9	U
87-68-3	Hexachlorobutadiene	41.4	41.4	U
59-50-7	4-Chloro-3-methylphenol	68.3	68.3	U
91-57-6	2-Methylnaphthalene	43.8	**79.0**	
77-47-4	Hexachlorocyclopentadiene	31.1	31.1	U
88-06-2	2,4,6-Trichlorophenol	45.7	45.7	U
95-95-4	2,4,5-Trichlorophenol	66.5	66.5	U
91-58-7	2-Chloronaphthalene	32.0	32.0	U
88-74-4	2-Nitroaniline	67.6	67.6	U
131-11-3	Dimethyl phthalate	60.6	60.6	U
208-96-8	Acenaphthylene	40.9	**188**	
606-20-2	2,6-Dinitrotoluene	49.9	49.9	U
99-09-2	3-Nitroaniline	113	113	U
83-32-9	Acenaphthene	45.4	**244**	
51-28-5	2,4-Dinitrophenol	99.3	99.3	U
100-02-7	4-Nitrophenol	224	224	U
132-64-9	Dibenzofuran	48.0	**146**	
121-14-2	2,4-Dinitrotoluene	63.5	63.5	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-7-continue

Client Sample ID: S-05A — Collected: 12/6/99 14.00

Matrix: Soil — Type: Grab — % Solids: 82.8%

Remarks: See case narrative

Analyzed: 12/13/99 — Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	103	103	U
7005-72-3	4-Chlorophenyl-phenyl ether	60.0	60.0	U
86-73-7	Fluorene	45.2	**223**	
100-01-6	4-Nitroaniline	93.0	93.0	U
534-52-1	4,6-Dinitro-2-methylphenol	92.5	92.5	U
86-30-6	N-nitrosodiphenylamine	84.0	84.0	U
101-55-3	4-Bromophenyl-phenylether	63.7	63.7	U
118-74-1	Hexachlorobenzene	71.3	71.3	U
87-86-5	Pentachlorophenol	114	114	U
85-01-8	Phenanthrene	65.8	**2420**	
120-12-7	Anthracene	60.4	**607**	
84-74-2	Di-n-butylphthalate	100	**63.9**	J
206-44-0	Fluoranthene	76.7	**4020**	
129-00-0	Pyrene	72.5	**3290**	
85-68-7	Butylbenzylphthalate	103	103	U
91-94-1	3,3'-Dichlorobenzidine	98.5	98.5	U
56-55-3	Benzo(a)anthracene	70.4	**2030**	
218-01-9	Chrysene	71.7	**2010**	
117-81-7	bis(2-Ethylhexyl)phthalate	118	**346**	B
117-84-0	Di-n-octylphthalate	103	103	U
205-99-2	Benzo(b)fluoranthene	85.3	**1830**	
207-08-9	Benzo(k)fluoranthene	91.4	**1950**	
50-32-8	Benzo(a)pyrene	79.1	**1910**	
193-39-5	Indeno(1,2,3-cd)pyrene	129	**876**	
53-70-3	Dibenzo(a,h)anthracene	119	119	U
191-24-2	Benzo(g,h,i)perylene	83.6	**826**	

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-8
Client Sample ID: S-05B
Matrix: Soil
Type: Grab
Collected: 12/6/99 13.15
% Solids: 89.9%
Remarks: See case narrative

Analyzed: 12/13/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	24.9	125	
111-44-4	bis(2-Chloroethyl)ether	35.7	35.7	U
95-57-8	2-Chlorophenol	32.5	32.5	U
541-73-1	1,3-Dichlorobenzene	19.1	19.1	U
106-46-7	1,4-Dichlorobenzene	32.7	32.7	U
100-51-6	Benzyl alcohol	23.2	23.2	U
95-50-1	1,2-Dichlorobenzene	35.4	35.4	U
95-48-7	2-Methylphenol	40.8	40.8	U
108-60-1	bis(2-Chloroisopropyl)ether	48.4	48.4	U
106-44-5	3,4-Methylphenol	137	137	U
621-64-7	N-Nitroso-di-n-propylamine	42.9	42.9	U
67-72-1	Hexachloroethane	48.7	48.7	U
98-95-3	Nitrobenzene	37.5	37.5	U
78-59-1	Isophorone	38.6	38.6	U
88-75-5	2-Nitrophenol	54.8	54.8	U
105-67-9	2,4-Dimethylphenol	37.0	37.0	U
65-85-0	Benzoic acid	228	228	U
111-91-1	bis(2-Chloroethoxy)methane	31.5	31.5	U
120-83-2	2,4-Dichlorophenol	56.1	56.1	U
120-82-1	1,2,4-Trichlorobenzene	30.5	30.5	U
91-20-3	Naphthalene	29.1	29.1	U
106-47-8	4-Chloroaniline	26.9	26.9	U
87-68-3	Hexachlorobutadiene	38.6	38.6	U
59-50-7	4-Chloro-3-methylphenol	63.6	63.6	U
91-57-6	2-Methylnaphthalene	40.8	40.8	U
77-47-4	Hexachlorocyclopentadiene	28.9	28.9	U
88-06-2	2,4,6-Trichlorophenol	42.6	42.6	U
95-95-4	2,4,5-Trichlorophenol	61.9	61.9	U
91-58-7	2-Chloronaphthalene	29.8	29.8	U
88-74-4	2-Nitroaniline	63.0	63.0	U
131-11-3	Dimethyl phthalate	56.4	56.4	U
208-96-8	Acenaphthylene	38.1	38.1	U
606-20-2	2,6-Dinitrotoluene	46.4	46.4	U
99-09-2	3-Nitroaniline	105	105	U
83-32-9	Acenaphthene	42.2	42.2	U
51-28-5	2,4-Dinitrophenol	92.4	92.4	U
100-02-7	4-Nitrophenol	208	208	U
132-64-9	Dibenzofuran	44.7	44.7	U
121-14-2	2,4-Dinitrotoluene	59.1	59.1	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-8-continue
Client Sample ID: S-05B
Matrix: Soil
Type: Grab
Collected: 12/6/99 13.15
% Solids: 89.9%
Remarks: See case narrative

Analyzed: 12/13/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	95.7	95.7	U
7005-72-3	4-Chlorophenyl-phenyl ether	55.8	55.8	U
86-73-7	Fluorene	42.1	42.1	U
100-01-6	4-Nitroaniline	86.6	86.6	U
534-52-1	4,6-Dinitro-2-methylphenol	86.1	86.1	U
86-30-6	N-nitrosodiphenylamine	78.2	78.2	U
101-55-3	4-Bromophenyl-phenylether	59.3	59.3	U
118-74-1	Hexachlorobenzene	66.4	66.4	U
87-86-5	Pentachlorophenol	107	107	U
85-01-8	Phenanthrene	61.2	**56.2**	J
120-12-7	Anthracene	56.3	56.3	U
84-74-2	Di-n-butylphthalate	93.3	**49.7**	J
206-44-0	Fluoranthene	71.4	**100**	
129-00-0	Pyrene	67.5	**85.3**	
85-68-7	Butylbenzylphthalate	95.8	95.8	U
91-94-1	3,3'-Dichlorobenzidine	91.7	91.7	U
56-55-3	Benzo(a)anthracene	65.6	**57.2**	J
218-01-9	Chrysene	66.7	**54.0**	J
117-81-7	bis(2-Ethylhexyl)phthalate	110	**123**	B
117-84-0	Di-n-octylphthalate	96.2	96.2	U
205-99-2	Benzo(b)fluoranthene	79.4	**50.8**	J
207-08-9	Benzo(k)fluoranthene	85.1	**47.5**	J
50-32-8	Benzo(a)pyrene	73.7	73.7	U
193-39-5	Indeno(1,2,3-cd)pyrene	120	120	U
53-70-3	Dibenzo(a,h)anthracene	111	111	U
191-24-2	Benzo(g,h,i)perylene	77.9	77.9	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-9

Client Sample ID: S-06B — Collected: 12/6/99 09.10

Matrix: Soil — Type: Composite — % Solids: 82.4%

Remarks: See case narrative

Analyzed: 12/13/99 — Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	26.3	**168**	
111-44-4	bis(2-Chloroethyl)ether	37.7	37.7	U
95-57-8	2-Chlorophenol	34.3	34.3	U
541-73-1	1,3-Dichlorobenzene	20.2	20.2	U
106-46-7	1,4-Dichlorobenzene	34.5	34.5	U
100-51-6	Benzyl alcohol	24.5	24.5	U
95-50-1	1,2-Dichlorobenzene	37.4	37.4	U
95-48-7	2-Methylphenol	43.1	43.1	U
108-60-1	bis(2-Chloroisopropyl)ether	51.1	51.1	U
106-44-5	3,4-Methylphenol	144	144	U
621-64-7	N-Nitroso-di-n-propylamine	45.3	45.3	U
67-72-1	Hexachloroethane	51.4	51.4	U
98-95-3	Nitrobenzene	39.6	39.6	U
78-59-1	Isophorone	40.7	40.7	U
88-75-5	2-Nitrophenol	57.8	57.8	U
105-67-9	2,4-Dimethylphenol	39.1	39.1	U
65-85-0	Benzoic acid	241	241	U
111-91-1	bis(2-Chloroethoxy)methane	33.3	33.3	U
120-83-2	2,4-Dichlorophenol	59.2	59.2	U
120-82-1	1,2,4-Trichlorobenzene	32.1	32.1	U
91-20-3	Naphthalene	30.7	**458**	
106-47-8	4-Chloroaniline	28.4	28.4	U
87-68-3	Hexachlorobutadiene	40.7	40.7	U
59-50-7	4-Chloro-3-methylphenol	67.1	67.1	U
91-57-6	2-Methylnaphthalene	43.1	**291**	
77-47-4	Hexachlorocyclopentadiene	30.6	30.6	U
88-06-2	2,4,6-Trichlorophenol	44.9	44.9	U
95-95-4	2,4,5-Trichlorophenol	65.3	65.3	U
91-58-7	2-Chloronaphthalene	31.5	31.5	U
88-74-4	2-Nitroaniline	66.5	66.5	U
131-11-3	Dimethyl phthalate	59.5	59.5	U
208-96-8	Acenaphthylene	40.2	**553**	
606-20-2	2,6-Dinitrotoluene	49.0	49.0	U
99-09-2	3-Nitroaniline	111	111	U
83-32-9	Acenaphthene	44.6	**1270**	
51-28-5	2,4-Dinitrophenol	97.6	97.6	U
100-02-7	4-Nitrophenol	220	220	U
132-64-9	Dibenzofuran	47.2	**594**	
121-14-2	2,4-Dinitrotoluene	62.4	62.4	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-9-continue
Client Sample ID: S-06B
Matrix: Soil
Remarks: See case narrative

Type: Composite

Collected: 12/6/99 09.10
% Solids: 82.4%

Analyzed: 12/13/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	101	101	U
7005-72-3	4-Chlorophenyl-phenyl ether	58.9	58.9	U
86-73-7	Fluorene	44.5	**1100**	
100-01-6	4-Nitroaniline	91.4	91.4	U
534-52-1	4,6-Dinitro-2-methylphenol	90.9	90.9	U
86-30-6	N-nitrosodiphenylamine	82.5	82.5	U
101-55-3	4-Bromophenyl-phenylether	62.6	62.6	U
118-74-1	Hexachlorobenzene	70.1	70.1	U
87-86-5	Pentachlorophenol	113	113	U
85-01-8	Phenanthrene	64.6	**9870**	
120-12-7	Anthracene	59.4	**2280**	
84-74-2	Di-n-butylphthalate	98.5	**53.8**	J
206-44-0	Fluoranthene	75.4	**9800**	
129-00-0	Pyrene	71.3	**9250**	
85-68-7	Butylbenzylphthalate	101	101	U
91-94-1	3,3'-Dichlorobenzidine	96.8	96.8	U
56-55-3	Benzo(a)anthracene	69.2	**4610**	
218-01-9	Chrysene	70.5	**4690**	
117-81-7	bis(2-Ethylhexyl)phthalate	116	116	U
117-84-0	Di-n-octylphthalate	102	102	U
205-99-2	Benzo(b)fluoranthene	83.8	**3670**	
207-08-9	Benzo(k)fluoranthene	89.8	**3740**	
50-32-8	Benzo(a)pyrene	77.7	**4400**	
193-39-5	Indeno(1,2,3-cd)pyrene	126	**2010**	
53-70-3	Dibenzo(a,h)anthracene	117	117	U
191-24-2	Benzo(g,h,i)perylene	82.2	**2330**	

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-10
Client Sample ID: ER-1 Collected: 12/6/99 14.30
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/13/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
108-95-2	Phenol	1.53	1.53	U
111-44-4	bis(2-Chloroethyl)ether	1.53	1.53	U
95-57-8	2-Chlorophenol	1.22	1.22	U
541-73-1	1,3-Dichlorobenzene	1.50	1.50	U
106-46-7	1,4-Dichlorobenzene	1.48	1.48	U
100-51-6	Benzyl alcohol	1.38	1.38	U
95-50-1	1,2-Dichlorobenzene	1.51	1.51	U
95-48-7	2-Methylphenol	1.70	1.70	U
108-60-1	bis(2-Chloroisopropyl)ether	0.86	0.86	U
106-44-5	3,4-Methylphenol	1.55	1.55	U
621-64-7	N-Nitroso-di-n-propylamine	1.84	1.84	U
67-72-1	Hexachloroethane	1.87	1.87	U
98-95-3	Nitrobenzene	1.74	1.74	U
78-59-1	Isophorone	1.88	1.88	U
88-75-5	2-Nitrophenol	1.55	1.55	U
105-67-9	2,4-Dimethylphenol	1.92	1.92	U
65-85-0	Benzoic acid	10.3	10.3	U
111-91-1	bis(2-Chloroethoxy)methane	2.10	2.10	U
120-83-2	2,4-Dichlorophenol	1.49	1.49	U
120-82-1	1,2,4-Trichlorobenzene	0.54	0.54	U
91-20-3	Naphthalene	1.78	1.78	U
106-47-8	4-Chloroaniline	1.45	1.45	U
87-68-3	Hexachlorobutadiene	10.0	10.0	U
59-50-7	4-Chloro-3-methylphenol	1.53	1.53	U
91-57-6	2-Methylnaphthalene	1.85	1.85	U
77-47-4	Hexachlorocyclopentadiene	4.66	4.66	U
88-06-2	2,4,6-Trichlorophenol	1.51	1.51	U
95-95-4	2,4,5-Trichlorophenol	1.68	1.68	U
91-58-7	2-Chloronaphthalene	1.76	1.76	U
88-74-4	2-Nitroaniline	2.24	2.24	U
131-11-3	Dimethyl phthalate	3.98	3.98	U
208-96-8	Acenaphthylene	2.25	2.25	U
606-20-2	2,6-Dinitrotoluene	1.85	1.85	U
99-09-2	3-Nitroaniline	1.55	1.55	U
83-32-9	Acenaphthene	1.78	1.78	U
51-28-5	2,4-Dinitrophenol	9.62	9.62	U
100-02-7	4-Nitrophenol	5.00	5.00	U
132-64-9	Dibenzofuran	2.10	2.10	U
121-14-2	2,4-Dinitrotoluene	1.94	1.94	U

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ANALYSIS REPORT - Semivolatiles by EPA8270

Sample: J4655-10-continue
Client Sample ID: ER-1 Collected: 12/6/99 14.30
Matrix: Liquid Type: Grab
Remarks: See case narrative

Analyzed: 12/13/99 Units: ppb

CAS No	Analyte	MDL	Concentration	Q
84-66-2	Diethylphthalate	2.51	2.51	U
7005-72-3	4-Chlorophenyl-phenyl ether	2.13	2.13	U
86-73-7	Fluorene	2.16	2.16	U
100-01-6	4-Nitroaniline	1.43	1.43	U
534-52-1	4,6-Dinitro-2-methylphenol	10.2	10.2	U
86-30-6	N-nitrosodiphenylamine	1.96	1.96	U
101-55-3	4-Bromophenyl-phenylether	2.03	2.03	U
118-74-1	Hexachlorobenzene	2.27	2.27	U
87-86-5	Pentachlorophenol	50.0	50.0	U
85-01-8	Phenanthrene	1.98	1.98	U
120-12-7	Anthracene	1.78	1.78	U
84-74-2	Di-n-butylphthalate	2.38	2.38	U
206-44-0	Fluoranthene	2.22	2.22	U
129-00-0	Pyrene	2.00	2.00	U
85-68-7	Butylbenzylphthalate	3.43	3.43	U
91-94-1	3,3'-Dichlorobenzidine	2.56	2.56	U
56-55-3	Benzo(a)anthracene	1.87	1.87	U
218-01-9	Chrysene	2.16	2.16	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.93	1.10	B
117-84-0	Di-n-octylphthalate	2.87	2.87	U
205-99-2	Benzo(b)fluoranthene	1.80	1.80	U
207-08-9	Benzo(k)fluoranthene	2.10	2.10	U
50-32-8	Benzo(a)pyrene	1.91	1.91	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.12	2.12	U
53-70-3	Dibenzo(a,h)anthracene	2.13	2.13	U
191-24-2	Benzo(g,h,i)perylene	2.34	2.34	U

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12/29/99

ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4655-1
Client Sample ID: S-08B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 09.45
% Solids: 82.6%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.50	4.50	U
11104-28-2	PCB 1221	19.2	19.2	U
11141-16-5	PCB 1232	10.2	10.2	U
53469-21-9	PCB 1242	4.25	4.25	U
12672-29-6	PCB 1248	9.63	9.63	U
11097-69-1	PCB 1254	2.24	2.24	U
11096-82-5	PCB 1260	6.38	6.38	U

Sample: J4655-2
Client Sample ID: S-08C
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 10.00
% Solids: 83.6%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	3.89	3.89	U
11104-28-2	PCB 1221	16.6	16.6	U
11141-16-5	PCB 1232	8.79	8.79	U
53469-21-9	PCB 1242	3.68	3.68	U
12672-29-6	PCB 1248	8.33	8.33	U
11097-69-1	PCB 1254	1.94	1.94	U
11096-82-5	PCB 1260	5.52	5.52	U

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12/29/99

ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4655-3

Client Sample ID: S-09A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 12.45
% Solids: 88.1%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.23	4.23	U
11104-28-2	PCB 1221	18.0	18.0	U
11141-16-5	PCB 1232	9.55	9.55	U
53469-21-9	PCB 1242	4.00	4.00	U
12672-29-6	PCB 1248	9.06	9.06	U
11097-69-1	PCB 1254	2.11	2.11	U
11096-82-5	PCB 1260	6.00	6.00	U

Sample: J4655-4

Client Sample ID: S-09B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 12.30
% Solids: 86.5%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.12	4.12	U
11104-28-2	PCB 1221	17.5	17.5	U
11141-16-5	PCB 1232	9.30	9.30	U
53469-21-9	PCB 1242	3.89	3.89	U
12672-29-6	PCB 1248	8.82	8.82	U
11097-69-1	PCB 1254	2.05	2.05	U
11096-82-5	PCB 1260	5.84	5.84	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4655-5
Client Sample ID: S-13B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 14.00
% Solids: 86.9%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.20	4.20	U
11104-28-2	PCB 1221	17.9	17.9	U
11141-16-5	PCB 1232	9.47	9.47	U
53469-21-9	PCB 1242	3.96	3.96	U
12672-29-6	PCB 1248	8.98	8.98	U
11097-69-1	PCB 1254	2.09	2.09	U
11096-82-5	PCB 1260	5.95	5.95	U

Sample: J4655-6
Client Sample ID: S-13A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 14.30
% Solids: 76.9%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.88	4.88	U
11104-28-2	PCB 1221	20.8	20.8	U
11141-16-5	PCB 1232	11.0	11.0	U
53469-21-9	PCB 1242	4.61	4.61	U
12672-29-6	PCB 1248	10.4	10.4	U
11097-69-1	PCB 1254	2.43	2.43	U
11096-82-5	PCB 1260	6.91	6.91	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4655-7
Client Sample ID: S-05A
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/6/99 14.00
% Solids: 82.8%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.42	4.42	U
11104-28-2	PCB 1221	18.8	18.8	U
11141-16-5	PCB 1232	9.98	9.98	U
53469-21-9	PCB 1242	4.18	4.18	U
12672-29-6	PCB 1248	9.47	9.47	U
11097-69-1	PCB 1254	2.20	2.20	U
11096-82-5	PCB 1260	6.27	6.27	U

Sample: J4655-8
Client Sample ID: S-05B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/6/99 13.15
% Solids: 89.9%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.12	4.12	U
11104-28-2	PCB 1221	17.5	17.5	U
11141-16-5	PCB 1232	9.30	9.30	U
53469-21-9	PCB 1242	3.89	3.89	U
12672-29-6	PCB 1248	8.82	8.82	U
11097-69-1	PCB 1254	2.05	2.05	U
11096-82-5	PCB 1260	5.84	5.84	U

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ANALYSIS REPORT - PCB (Aroclor) by EPA8082/608

Sample: J4655-9
Client Sample ID: S-06B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 09.10
% Solids: 82.4%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	4.50	4.50	U
11104-28-2	PCB 1221	19.2	19.2	U
11141-16-5	PCB 1232	10.2	10.2	U
53469-21-9	PCB 1242	4.25	4.25	U
12672-29-6	PCB 1248	9.63	9.63	U
11097-69-1	PCB 1254	2.24	2.24	U
11096-82-5	PCB 1260	6.38	6.38	U

Sample: J4655-10
Client Sample ID: ER-1
Matrix: Liquid
Remarks:

Type: Grab

Collected: 12/6/99 14.30

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
12674-11-2	PCB 1016	0.084	0.084	U
11104-28-2	PCB 1221	0.031	0.031	U
11141-16-5	PCB 1232	0.12	0.12	U
53469-21-9	PCB 1242	0.021	0.021	U
12672-29-6	PCB 1248	0.094	0.094	U
11097-69-1	PCB 1254	0.042	0.042	U
11096-82-5	PCB 1260	0.084	0.084	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4655-1
Client Sample ID: S-08B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 09.45
% Solids: 82.6%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.65	0.65	U
58-89-9	g-BHC (Lindane)	0.71	0.71	U
319-85-7	b-BHC	2.12	2.12	U
76-44-8	Heptachlor	0.89	0.89	U
319-86-8	d-BHC	1.62	1.62	U
309-00-2	Aldrin	0.71	0.71	U
1024-57-3	Heptachlor epoxide	0.88	0.88	U
959-98-8	Endosulfan I	0.61	0.61	U
72-55-9	4,4'-DDE	0.56	0.56	U
60-57-1	Dieldrin	0.49	0.49	U
72-20-8	Endrin	0.84	0.84	U
72-54-8	4,4'-DDD	0.57	0.57	U
33213-65-9	Endosulfan II	0.55	0.55	U
50-29-3	4,4'-DDT	2.00	2.00	U
7421-36-3	Endrin aldehyde	0.60	0.60	U
1031-07-8	Endosulfan sulfate	0.52	0.52	U
5103-71-9	alpha-Chlordane	0.63	0.63	U
5103-74-2	gamma-Chlordane	0.49	0.49	U
57-74-9	Chlordane	3.83	3.83	U
8001-35-2	Toxaphene	22.0	22.0	U
72-43-5	Methoxychlor	2.08	2.08	U
53494-70-5	Endrin ketone	0.67	0.67	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4655-2
Client Sample ID: S-08C
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 10.00
% Solids: 83.6%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.57	0.57	U
58-89-9	g-BHC (Lindane)	0.62	0.62	U
319-85-7	b-BHC	1.83	1.83	U
76-44-8	Heptachlor	0.77	0.77	U
319-86-8	d-BHC	1.40	1.40	U
309-00-2	Aldrin	0.62	0.62	U
1024-57-3	Heptachlor epoxide	0.76	0.76	U
959-98-8	Endosulfan I	0.53	0.53	U
72-55-9	4,4'-DDE	0.48	0.48	U
60-57-1	Dieldrin	0.42	0.42	U
72-20-8	Endrin	0.73	0.73	U
72-54-8	4,4'-DDD	0.49	0.49	U
33213-65-9	Endosulfan II	0.47	0.47	U
50-29-3	4,4'-DDT	1.73	1.73	U
7421-36-3	Endrin aldehyde	0.51	0.51	U
1031-07-8	Endosulfan sulfate	0.45	0.45	U
5103-71-9	alpha-Chlordane	0.55	0.55	U
5103-74-2	gamma-Chlordane	0.42	0.42	U
57-74-9	Chlordane	3.32	3.32	U
8001-35-2	Toxaphene	19.1	19.1	U
72-43-5	Methoxychlor	1.80	1.80	U
53494-70-5	Endrin ketone	0.58	0.58	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4655-3
Client Sample ID: S-09A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 12.45
% Solids: 88.1%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.62	0.62	U
58-89-9	g-BHC (Lindane)	0.67	0.67	U
319-85-7	b-BHC	1.99	1.99	U
76-44-8	Heptachlor	0.84	0.84	U
319-86-8	d-BHC	1.52	1.52	U
309-00-2	Aldrin	0.67	0.67	U
1024-57-3	Heptachlor epoxide	0.83	0.83	U
959-98-8	Endosulfan I	0.57	0.57	U
72-55-9	4,4'-DDE	0.53	0.53	U
60-57-1	Dieldrin	0.46	0.46	U
72-20-8	Endrin	0.80	0.80	U
72-54-8	4,4'-DDD	0.54	0.54	U
33213-65-9	Endosulfan II	0.52	0.52	U
50-29-3	4,4'-DDT	1.88	1.88	U
7421-36-3	Endrin aldehyde	0.56	0.56	U
1031-07-8	Endosulfan sulfate	0.49	0.49	U
5103-71-9	alpha-Chlordane	0.59	0.59	U
5103-74-2	gamma-Chlordane	0.46	0.46	U
57-74-9	Chlordane	3.61	3.61	U
8001-35-2	Toxaphene	20.7	20.7	U
72-43-5	Methoxychlor	1.96	1.96	U
53494-70-5	Endrin ketone	0.63	0.63	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4655-4
Client Sample ID: S-09B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 12.30
% Solids: 86.5%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.60	0.60	U
58-89-9	g-BHC (Lindane)	0.65	0.65	U
319-85-7	b-BHC	1.94	1.94	U
76-44-8	Heptachlor	0.82	0.82	U
319-86-8	d-BHC	1.48	1.48	U
309-00-2	Aldrin	0.65	0.65	U
1024-57-3	Heptachlor epoxide	0.81	0.81	U
959-98-8	Endosulfan I	0.56	0.56	U
72-55-9	4,4'-DDE	0.51	0.51	U
60-57-1	Dieldrin	0.45	0.45	U
72-20-8	Endrin	0.77	0.77	U
72-54-8	4,4'-DDD	0.52	0.52	U
33213-65-9	Endosulfan II	0.50	0.50	U
50-29-3	4,4'-DDT	1.83	1.83	U
7421-36-3	Endrin aldehyde	0.55	0.55	U
1031-07-8	Endosulfan sulfate	0.48	0.48	U
5103-71-9	alpha-Chlordane	0.58	0.58	U
5103-74-2	gamma-Chlordane	0.45	0.45	U
57-74-9	Chlordane	3.51	3.51	U
8001-35-2	Toxaphene	20.2	20.2	U
72-43-5	Methoxychlor	1.91	1.91	U
53494-70-5	Endrin ketone	0.61	0.61	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4655-5
Client Sample ID: S-13B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 14.00
% Solids: 86.9%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.61	0.61	U
58-89-9	g-BHC (Lindane)	0.67	0.67	U
319-85-7	b-BHC	1.98	1.98	U
76-44-8	Heptachlor	0.83	0.83	U
319-86-8	d-BHC	1.51	1.51	U
309-00-2	Aldrin	0.67	0.67	U
1024-57-3	Heptachlor epoxide	0.82	0.82	U
959-98-8	Endosulfan I	0.57	0.57	U
72-55-9	4,4'-DDE	0.52	0.52	U
60-57-1	Dieldrin	0.46	0.46	U
72-20-8	Endrin	0.79	0.79	U
72-54-8	4,4'-DDD	0.53	0.53	U
33213-65-9	Endosulfan II	0.51	0.51	U
50-29-3	4,4'-DDT	1.86	1.86	U
7421-36-3	Endrin aldehyde	0.56	0.56	U
1031-07-8	Endosulfan sulfate	0.49	0.49	U
5103-71-9	alpha-Chlordane	0.59	0.59	U
5103-74-2	gamma-Chlordane	0.46	0.46	U
57-74-9	Chlordane	3.57	3.57	U
8001-35-2	Toxaphene	20.5	20.5	U
72-43-5	Methoxychlor	1.94	1.94	U
53494-70-5	Endrin ketone	0.62	0.62	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4655-6

Client Sample ID: S-13A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 14.30
% Solids: 76.9%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.71	0.71	U
58-89-9	g-BHC (Lindane)	0.77	0.77	U
319-85-7	b-BHC	2.30	2.30	U
76-44-8	Heptachlor	0.97	0.97	U
319-86-8	d-BHC	1.75	1.75	U
309-00-2	Aldrin	0.77	0.77	U
1024-57-3	Heptachlor epoxide	0.95	0.95	U
959-98-8	Endosulfan I	0.66	0.66	U
72-55-9	4,4'-DDE	0.61	0.61	U
60-57-1	Dieldrin	0.53	0.53	U
72-20-8	Endrin	0.92	0.92	U
72-54-8	4,4'-DDD	0.62	0.62	U
33213-65-9	Endosulfan II	0.59	0.59	U
50-29-3	4,4'-DDT	2.17	2.17	U
7421-36-3	Endrin aldehyde	0.64	0.64	U
1031-07-8	Endosulfan sulfate	0.57	0.57	U
5103-71-9	alpha-Chlordane	0.68	0.68	U
5103-74-2	gamma-Chlordane	0.53	0.53	U
57-74-9	Chlordane	4.15	4.15	U
8001-35-2	Toxaphene	23.9	23.9	U
72-43-5	Methoxychlor	2.26	2.26	U
53494-70-5	Endrin ketone	0.72	0.72	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4655-7
Client Sample ID: S-05A
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/6/99 14.00
% Solids: 82.8%

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.64	0.64	U
58-89-9	g-BHC (Lindane)	0.70	0.70	U
319-85-7	b-BHC	2.08	2.08	U
76-44-8	Heptachlor	0.88	0.88	U
319-86-8	d-BHC	1.59	1.59	U
309-00-2	Aldrin	0.70	0.70	U
1024-57-3	Heptachlor epoxide	0.87	0.87	U
959-98-8	Endosulfan I	0.60	0.60	U
72-55-9	4,4'-DDE	0.55	0.55	U
60-57-1	Dieldrin	0.48	0.48	U
72-20-8	Endrin	0.83	0.83	U
72-54-8	4,4'-DDD	0.56	0.56	U
33213-65-9	Endosulfan II	0.54	0.54	U
50-29-3	4,4'-DDT	1.97	1.97	U
7421-36-3	Endrin aldehyde	0.58	0.58	U
1031-07-8	Endosulfan sulfate	0.51	0.51	U
5103-71-9	alpha-Chlordane	0.62	0.62	U
5103-74-2	gamma-Chlordane	0.48	0.48	U
57-74-9	Chlordane	3.77	3.77	U
8001-35-2	Toxaphene	21.6	21.6	U
72-43-5	Methoxychlor	2.05	2.05	U
53494-70-5	Endrin ketone	0.66	0.66	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4655-8

Client Sample ID: S-05B
Matrix: Soil
Type: Grab
Collected: 12/6/99 13.15
% Solids: 89.9%
Remarks:

Analyzed: 12/14/99
Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.60	0.60	U
58-89-9	g-BHC (Lindane)	0.65	0.65	U
319-85-7	b-BHC	1.94	1.94	U
76-44-8	Heptachlor	0.82	0.82	U
319-86-8	d-BHC	1.48	1.48	U
309-00-2	Aldrin	0.65	0.65	U
1024-57-3	Heptachlor epoxide	0.81	0.81	U
959-98-8	Endosulfan I	0.56	0.56	U
72-55-9	4,4'-DDE	0.51	0.51	U
60-57-1	Dieldrin	0.45	0.45	U
72-20-8	Endrin	0.77	0.77	U
72-54-8	4,4'-DDD	0.52	0.52	U
33213-65-9	Endosulfan II	0.50	0.50	U
50-29-3	4,4'-DDT	1.83	1.83	U
7421-36-3	Endrin aldehyde	0.55	0.55	U
1031-07-8	Endosulfan sulfate	0.48	0.48	U
5103-71-9	alpha-Chlordane	0.58	0.58	U
5103-74-2	gamma-Chlordane	0.45	0.45	U
57-74-9	Chlordane	3.51	3.51	U
8001-35-2	Toxaphene	20.2	20.2	U
72-43-5	Methoxychlor	1.91	1.91	U
53494-70-5	Endrin ketone	0.61	0.61	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4655-9

Client Sample ID: S-06B

Matrix: Soil

Type: Composite

Collected: 12/6/99 09.10

% Solids: 82.4%

Remarks:

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.65	0.65	U
58-89-9	g-BHC (Lindane)	0.71	0.71	U
319-85-7	b-BHC	2.12	2.12	U
76-44-8	Heptachlor	0.89	0.89	U
319-86-8	d-BHC	1.62	1.62	U
309-00-2	Aldrin	0.71	0.71	U
1024-57-3	Heptachlor epoxide	0.88	0.88	U
959-98-8	Endosulfan I	0.61	0.61	U
72-55-9	4,4'-DDE	0.56	0.56	U
60-57-1	Dieldrin	0.49	0.49	U
72-20-8	Endrin	0.84	0.84	U
72-54-8	4,4'-DDD	0.57	0.57	U
33213-65-9	Endosulfan II	0.55	0.55	U
50-29-3	4,4'-DDT	2.00	2.00	U
7421-36-3	Endrin aldehyde	0.60	0.60	U
1031-07-8	Endosulfan sulfate	0.52	0.52	U
5103-71-9	alpha-Chlordane	0.63	0.63	U
5103-74-2	gamma-Chlordane	0.49	0.49	U
57-74-9	Chlordane	3.83	3.83	U
8001-35-2	Toxaphene	22.0	22.0	U
72-43-5	Methoxychlor	2.08	2.08	U
53494-70-5	Endrin ketone	0.67	0.67	U

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ANALYSIS REPORT - Pesticides by EPA8081A/608

Sample: J4655-10

Client Sample ID: ER-1

Matrix: Liquid

Remarks:

Type: Grab

Collected: 12/6/99 14.30

Analyzed: 12/14/99

Units: ppb

CAS No	Analyte	MDL	Concentration	Q
319-84-6	a-BHC	0.017	0.017	U
58-89-9	g-BHC (Lindane)	0.016	0.016	U
319-85-7	b-BHC	0.016	0.016	U
76-44-8	Heptachlor	0.023	0.023	U
319-86-8	d-BHC	0.013	0.013	U
309-00-2	Aldrin	0.016	0.016	U
1024-57-3	Heptachlor epoxide	0.016	0.016	U
959-98-8	Endosulfan I	0.016	0.016	U
72-55-9	4,4'-DDE	0.013	0.013	U
60-57-1	Dieldrin	0.016	0.016	U
72-20-8	Endrin	0.018	0.018	U
72-54-8	4,4'-DDD	0.016	0.016	U
33213-65-9	Endosulfan II	0.018	0.018	U
50-29-3	4,4'-DDT	0.0052	0.0052	U
7421-36-3	Endrin aldehyde	0.0052	0.0052	U
1031-07-8	Endosulfan sulfate	0.016	0.016	U
5103-71-9	alpha-Chlordane	0.013	0.013	U
5103-74-2	gamma-Chlordane	0.013	0.013	U
57-74-9	Chlordane	0.031	0.031	U
8001-35-2	Toxaphene	0.17	0.17	U
72-43-5	Methoxychlor	0.0063	0.0063	U
53494-70-5	Endrin ketone	0.021	0.021	U

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4655-1
Client Sample ID: S-08B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 09.45
% Solids: 82.6%

Analyzed: 12/13/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	18.6	**6210**	
7440-36-0	Antimony	1.21	1.21	U
7440-38-2	Arsenic	0.73	**4.84**	
7440-39-3	Barium	12.1	**28.5**	
7440-41-7	Beryllium	0.24	**0.48**	
7440-43-9	Cadmium	0.36	**0.82**	
7440-70-2	Calcium	121	**420**	
7440-47-3	Chromium	0.61	**17.1**	
7440-48-4	Cobalt	1.21	**8.23**	
7440-50-8	Copper	1.21	**13.2**	
7439-89-6	Iron	12.1	**19400**	
7439-92-1	Lead	0.24	**8.92**	
7439-95-4	Magnesium	121	**1680**	
7439-96-5	Manganese	1.21	**301**	
7439-97-6	Mercury	0.011	**0.028**	
7440-02-0	Nickel	1.21	**11.9**	
7440-09-7	Potassium	121	**815**	
7782-49-2	Selenium	0.61	0.61	U
7440-22-4	Silver	0.97	0.97	U
7440-23-5	Sodium	121	**713**	
7440-28-0	Thallium	6.53	6.53	U
7440-62-2	Vanadium	1.21	**29.4**	
7440-66-6	Zinc	1.21	**57.1**	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4655-2
Client Sample ID: S-08C
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 10.00
% Solids: 83.6%

Analyzed: 12/13/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	18.5	**4100**	
7440-36-0	Antimony	1.20	1.20	U
7440-38-2	Arsenic	0.72	**4.72**	
7440-39-3	Barium	12.0	**18.7**	
7440-41-7	Beryllium	0.24	**0.29**	
7440-43-9	Cadmium	0.36	**0.46**	
7440-70-2	Calcium	120	**457**	
7440-47-3	Chromium	0.60	**11.8**	
7440-48-4	Cobalt	1.20	**5.28**	
7440-50-8	Copper	1.20	**8.56**	
7439-89-6	Iron	12.0	**12000**	
7439-92-1	Lead	0.24	**12.2**	
7439-95-4	Magnesium	120	**1730**	
7439-96-5	Manganese	1.20	**233**	
7439-97-6	Mercury	0.0100	**0.0060**	J
7440-02-0	Nickel	1.20	**13.1**	
7440-09-7	Potassium	120	**678**	
7782-49-2	Selenium	0.60	0.60	U
7440-22-4	Silver	0.96	0.96	U
7440-23-5	Sodium	120	**726**	
7440-28-0	Thallium	6.48	6.48	U
7440-62-2	Vanadium	1.20	**20.7**	
7440-66-6	Zinc	1.20	**29.3**	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4655-3
Client Sample ID: S-09A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 12.45
% Solids: 88.1%

Analyzed: 12/13/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.6	**3960**	
7440-36-0	Antimony	1.14	1.14	U
7440-38-2	Arsenic	0.68	**11.8**	
7440-39-3	Barium	11.4	**58.4**	
7440-41-7	Beryllium	0.23	**0.39**	
7440-43-9	Cadmium	0.34	**1.05**	
7440-70-2	Calcium	114	**1470**	
7440-47-3	Chromium	0.57	**11.8**	
7440-48-4	Cobalt	1.14	**5.51**	
7440-50-8	Copper	1.14	**84.5**	
7439-89-6	Iron	11.4	**14400**	
7439-92-1	Lead	0.23	**137**	
7439-95-4	Magnesium	114	**1060**	
7439-96-5	Manganese	1.14	**209**	
7439-97-6	Mercury	0.0099	**1.44**	
7440-02-0	Nickel	1.14	**17.9**	
7440-09-7	Potassium	114	**496**	
7782-49-2	Selenium	0.57	0.57	U
7440-22-4	Silver	0.91	0.91	U
7440-23-5	Sodium	114	114	U
7440-28-0	Thallium	6.16	6.16	U
7440-62-2	Vanadium	1.14	**17.2**	
7440-66-6	Zinc	1.14	**168**	

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12/30/99

ANALYSIS REPORT - METALS

Sample: J4655-4
Client Sample ID: S-09B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 12.30
% Solids: 86.5%

Analyzed: 12/13/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.15	**4480**	
7440-36-0	Antimony	0.0100	0.0100	U
7440-38-2	Arsenic	0.0060	**0.38**	
7440-39-3	Barium	0.10	**25.1**	
7440-41-7	Beryllium	0.0020	**0.27**	
7440-43-9	Cadmium	0.0030	**0.37**	
7440-70-2	Calcium	1.00	**1890**	
7440-47-3	Chromium	0.0050	**11.0**	
7440-48-4	Cobalt	0.0100	**3.86**	
7440-50-8	Copper	0.0100	**10.3**	
7439-89-6	Iron	0.10	**10000**	
7439-92-1	Lead	0.0020	**6.94**	
7439-95-4	Magnesium	1.00	**1540**	
7439-96-5	Manganese	0.0100	**127**	
7439-97-6	Mercury	0.000050	**0.023**	
7440-02-0	Nickel	0.0100	**9.66**	
7440-09-7	Potassium	1.00	**594**	
7782-49-2	Selenium	0.0050	0.0050	U
7440-22-4	Silver	0.0080	0.0080	U
7440-23-5	Sodium	1.00	**338**	
7440-28-0	Thallium	0.054	0.054	U
7440-62-2	Vanadium	0.0100	**14.8**	
7440-66-6	Zinc	0.0100	**31.6**	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4655-5
Client Sample ID: S-13B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 14.00
% Solids: 86.9%

Analyzed: 12/13/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.7	**4780**	
7440-36-0	Antimony	1.15	1.15	U
7440-38-2	Arsenic	0.69	**3.55**	
7440-39-3	Barium	11.5	**35.7**	
7440-41-7	Beryllium	0.23	**0.36**	
7440-43-9	Cadmium	0.34	**0.56**	
7440-70-2	Calcium	115	**611**	
7440-47-3	Chromium	0.57	**14.5**	
7440-48-4	Cobalt	1.15	**5.98**	
7440-50-8	Copper	1.15	**13.0**	
7439-89-6	Iron	11.5	**15600**	
7439-92-1	Lead	0.23	**14.3**	
7439-95-4	Magnesium	115	**1570**	
7439-96-5	Manganese	1.15	**369**	
7439-97-6	Mercury	0.0100	**0.026**	
7440-02-0	Nickel	1.15	**10.5**	
7440-09-7	Potassium	115	**814**	
7782-49-2	Selenium	0.57	0.57	U
7440-22-4	Silver	0.92	0.92	U
7440-23-5	Sodium	115	**680**	
7440-28-0	Thallium	6.21	6.21	U
7440-62-2	Vanadium	1.15	**23.5**	
7440-66-6	Zinc	1.15	**44.0**	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4655-6
Client Sample ID: S-13A
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 14.30
% Solids: 76.9%

Analyzed: 12/13/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	20.0	**6510**	
7440-36-0	Antimony	1.30	1.30	U
7440-38-2	Arsenic	0.78	**8.24**	
7440-39-3	Barium	13.0	**93.5**	
7440-41-7	Beryllium	0.26	**0.42**	
7440-43-9	Cadmium	0.39	**1.01**	
7440-70-2	Calcium	130	**2380**	
7440-47-3	Chromium	0.65	**16.8**	
7440-48-4	Cobalt	1.30	**6.71**	
7440-50-8	Copper	1.30	**99.7**	
7439-89-6	Iron	13.0	**18300**	
7439-92-1	Lead	0.26	**238**	
7439-95-4	Magnesium	130	**1510**	
7439-96-5	Manganese	1.30	**350**	
7439-97-6	Mercury	0.011	**0.59**	
7440-02-0	Nickel	1.30	**17.4**	
7440-09-7	Potassium	130	**861**	
7782-49-2	Selenium	0.65	0.65	U
7440-22-4	Silver	1.04	1.04	U
7440-23-5	Sodium	130	130	U
7440-28-0	Thallium	7.02	7.02	U
7440-62-2	Vanadium	1.30	**28.5**	
7440-66-6	Zinc	1.30	**200**	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4655-7
Client Sample ID: S-05A
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/6/99 14.00
% Solids: 82.8%

Analyzed: 12/13/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	18.6	**4700**	
7440-36-0	Antimony	1.21	1.21	U
7440-38-2	Arsenic	0.73	**6.11**	
7440-39-3	Barium	12.1	**174**	
7440-41-7	Beryllium	0.24	**0.42**	
7440-43-9	Cadmium	0.36	**1.51**	
7440-70-2	Calcium	121	**9470**	
7440-47-3	Chromium	0.61	**17.0**	
7440-48-4	Cobalt	1.21	**5.83**	
7440-50-8	Copper	1.21	**116**	
7439-89-6	Iron	12.1	**22100**	
7439-92-1	Lead	0.24	**405**	
7439-95-4	Magnesium	121	**1900**	
7439-96-5	Manganese	1.21	**420**	
7439-97-6	Mercury	0.011	**0.44**	
7440-02-0	Nickel	1.21	**16.8**	
7440-09-7	Potassium	121	**606**	
7782-49-2	Selenium	0.61	0.61	U
7440-22-4	Silver	0.97	0.97	U
7440-23-5	Sodium	121	121	U
7440-28-0	Thallium	6.53	**0.14**	J
7440-62-2	Vanadium	1.21	**21.2**	
7440-66-6	Zinc	1.21	**369**	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4655-8

Client Sample ID: S-05B
Matrix: Soil
Remarks:

Type: Grab

Collected: 12/6/99 13.15
% Solids: 89.9%

Analyzed: 12/13/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	17.1	6380	
7440-36-0	Antimony	1.11	1.11	U
7440-38-2	Arsenic	0.67	2.75	
7440-39-3	Barium	11.1	33.0	
7440-41-7	Beryllium	0.22	0.40	
7440-43-9	Cadmium	0.33	0.56	
7440-70-2	Calcium	111	773	
7440-47-3	Chromium	0.56	18.6	
7440-48-4	Cobalt	1.11	7.90	
7440-50-8	Copper	1.11	16.5	
7439-89-6	Iron	11.1	17000	
7439-92-1	Lead	0.22	8.37	
7439-95-4	Magnesium	111	1990	
7439-96-5	Manganese	1.11	285	
7439-97-6	Mercury	0.0098	0.014	
7440-02-0	Nickel	1.11	12.0	
7440-09-7	Potassium	111	938	
7782-49-2	Selenium	0.56	0.56	U
7440-22-4	Silver	0.89	0.89	U
7440-23-5	Sodium	111	779	
7440-28-0	Thallium	5.99	5.99	U
7440-62-2	Vanadium	1.11	30.3	
7440-66-6	Zinc	1.11	35.3	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4655-9

Client Sample ID: S-06B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 09.10
% Solids: 82.4%

Analyzed: 12/13/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.15	**5720**	
7440-36-0	Antimony	0.0100	0.0100	U
7440-38-2	Arsenic	0.0060	0.0060	U
7440-39-3	Barium	0.10	**63.2**	
7440-41-7	Beryllium	0.0020	**0.29**	
7440-43-9	Cadmium	0.0030	**0.92**	
7440-70-2	Calcium	1.00	**12900**	
7440-47-3	Chromium	0.0050	**12.6**	
7440-48-4	Cobalt	0.0100	**7.02**	
7440-50-8	Copper	0.0100	**43.7**	
7439-89-6	Iron	0.10	**11900**	
7439-92-1	Lead	0.0020	**878**	
7439-95-4	Magnesium	1.00	**2970**	
7439-96-5	Manganese	0.0100	**175**	
7439-97-6	Mercury	0.011	**0.55**	
7440-02-0	Nickel	0.0100	**14.3**	
7440-09-7	Potassium	1.00	**2070**	
7782-49-2	Selenium	0.0050	0.0050	U
7440-22-4	Silver	0.0080	0.0080	U
7440-23-5	Sodium	1.00	**206**	
7440-28-0	Thallium	0.054	0.054	U
7440-62-2	Vanadium	0.0100	**18.9**	
7440-66-6	Zinc	0.0100	**165**	

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12/29/99

ANALYSIS REPORT - METALS

Sample: J4655-10
Client Sample ID: ER-1
Matrix: Liquid
Remarks:

Collected: 12/6/99 14.30
Type: Grab

Analyzed: 12/13/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**0.023**	J
7440-36-0	Antimony	0.011	**0.0020**	J
7440-38-2	Arsenic	0.0067	**0.0060**	J
7440-39-3	Barium	0.11	**0.0050**	J
7440-41-7	Beryllium	0.0022	**0.0010**	J
7440-43-9	Cadmium	0.0033	**0.0020**	J
7440-70-2	Calcium	1.11	**0.21**	J
7440-47-3	Chromium	0.0056	**0.0020**	J
7440-48-4	Cobalt	0.011	0.011	U
7440-50-8	Copper	0.011	**0.0010**	J
7439-89-6	Iron	0.11	**0.015**	J
7439-92-1	Lead	0.0022	**0.0020**	J
7439-95-4	Magnesium	1.11	**0.073**	J
7439-96-5	Manganese	0.011	**0.0020**	J
7439-97-6	Mercury	0.000050	**0.000018**	J
7440-02-0	Nickel	0.011	**0.0030**	J
7440-09-7	Potassium	1.11	**0.28**	J
7782-49-2	Selenium	0.0056	**0.014**	
7440-22-4	Silver	0.0089	0.0089	U
7440-23-5	Sodium	1.11	**1.72**	
7440-28-0	Thallium	0.060	0.060	U
7440-62-2	Vanadium	0.011	**0.0020**	J
7440-66-6	Zinc	0.011	**0.018**	

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12/29/99

ANALYSIS REPORT - TCL Metals, Dissolved

Sample: J4655-10
Client Sample ID: ER-1
Matrix: Liquid
Remarks:

Collected: 12/6/99 14.30

Type: Grab

Analyzed: 12/13/99

Units: ppm

CAS No	Analyte	MDL	Concentration	Q
7429-90-5	Aluminum	0.17	**0.039**	J
7440-36-0	Antimony	0.011	**0.0030**	J
7440-38-2	Arsenic	0.0067	0.0067	U
7440-39-3	Barium	0.11	**0.0070**	J
7440-41-7	Beryllium	0.0022	**0.0010**	J
7440-43-9	Cadmium	0.0033	**0.0020**	J
7440-70-2	Calcium	1.11	**0.38**	J
7440-47-3	Chromium	0.0056	**0.0020**	J
7440-48-4	Cobalt	0.011	**0.0020**	J
7440-50-8	Copper	0.011	**0.0040**	J
7439-89-6	Iron	0.11	**0.021**	J
7439-92-1	Lead	0.0022	**0.0050**	
7439-95-4	Magnesium	1.11	**0.13**	J
7439-96-5	Manganese	0.011	**0.0040**	J
7439-97-6	Mercury	0.000050	**0.000020**	J
7440-02-0	Nickel	0.011	**0.0040**	J
7440-09-7	Potassium	1.11	**0.35**	J
7782-49-2	Selenium	0.0056	**0.0090**	
7440-22-4	Silver	0.0089	**0.0010**	J
7440-23-5	Sodium	1.11	**2.30**	
7440-28-0	Thallium	0.060	0.060	U
7440-62-2	Vanadium	0.011	**0.0030**	J
7440-66-6	Zinc	0.011	**0.042**	

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1/7/00

ANALYSIS REPORT - WET LAB

Sample: J4655-1
Client Sample ID: S-08B
Matrix: Soil
Remarks:
Type: Composite
Collected: 12/6/99 09.45
% Solids: 82.6%

Analyzed	Parameter	MDL	Result	Q	Units
12/14/99	Cyanide	0.30	**0.55**		ppm

Sample: J4655-2
Client Sample ID: S-08C
Matrix: Soil
Remarks:
Type: Composite
Collected: 12/6/99 10.00
% Solids: 83.6%

Analyzed	Parameter	MDL	Result	Q	Units
12/14/99	Cyanide	0.25	**0.34**		ppm

Sample: J4655-3
Client Sample ID: S-09A
Matrix: Soil
Remarks:
Type: Composite
Collected: 12/6/99 12.45
% Solids: 88.1%

Analyzed	Parameter	MDL	Result	Q	Units
12/14/99	Cyanide	0.0060	0.0060	U	ppm

Sample: J4655-4
Client Sample ID: S-09B
Matrix: Soil
Remarks:
Type: Composite
Collected: 12/6/99 12.30
% Solids: 86.5%

Analyzed	Parameter	MDL	Result	Q	Units
12/14/99	Cyanide	0.0060	0.0060	U	ppm

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1/7/00

ANALYSIS REPORT - ANALYSIS REPORT - WET LAB

Sample: J4655-5
Client Sample ID: S-13B
Matrix: Soil
Remarks:
Type: Composite
Collected: 12/6/99 14.00
% Solids: 86.9%

Analyzed	Parameter	MDL	Result	Q	Units
12/14/99	Cyanide	0.0060	0.0060	U	ppm

Sample: J4655-6
Client Sample ID: S-13A
Matrix: Soil
Remarks:
Type: Composite
Collected: 12/6/99 14.30
% Solids: 76.9%

Analyzed	Parameter	MDL	Result	Q	Units
12/14/99	Cyanide	0.0060	0.0060	U	ppm

Sample: J4655-7
Client Sample ID: S-05A
Matrix: Soil
Remarks:
Type: Grab
Collected: 12/6/99 14.00
% Solids: 82.8%

Analyzed	Parameter	MDL	Result	Q	Units
12/14/99	Cyanide	0.0060	0.0060	U	ppm

Sample: J4655-8
Client Sample ID: S-05B
Matrix: Soil
Remarks:
Type: Grab
Collected: 12/6/99 13.15
% Solids: 89.9%

Analyzed	Parameter	MDL	Result	Q	Units
12/14/99	Cyanide	0.0060	0.0060	U	ppm

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

1/7/00

ANALYSIS REPORT - ANALYSIS REPORT - WET LAB

Sample: J4655-9
Client Sample ID: S-06B
Matrix: Soil
Remarks:

Type: Composite

Collected: 12/6/99 09.10
% Solids: 82.4%

Analyzed	Parameter	MDL	Result	Q	Units
12/14/99	Cyanide	0.0060	0.0060	U	ppm

Sample: J4655-10
Client Sample ID: ER-1
Matrix: Liquid
Remarks:

Type: Grab

Collected: 12/6/99 14.30

Analyzed	Parameter	MDL	Result	Q	Units
12/14/99	Cyanide	0.0060	0.0060	U	ppm

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

1/7/00

CASE NARRATIVE

8260
The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone
2-Butanone
4-Methyl,2-pentanone
2-Hexanone

M&P-Xylenes were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 10, 20, 50, 100 and 150 ppb levels.

Samples were quantitated using the continuing calibration standard response factor as opposed to the initial calibration average response factor.

Sample J4655-3 and -7 were analyzed twice with both sets of data indicating a poor recovery of the internal standard 1,4-Dichlorobenzene-d4. Matrix interference was proven to cause the low recovery of this internal standard.

Methylene chloride, a common laboratory contaminant, was found in the blank associcated with samples 1,2,5,6,7 and 8.

8270
Bis(2-ethylhexyl)phthalate, a common laboratory contaminant, was found in the blanks associated with these samples. SBLK11 had two internal standards fail QC criteria. The extract was analyzed twice to confirm matrix interference.

Sample #2: One of the internal standards does not pass our QC requirements (response is less than 50% of the response of the internal standard in the continuing calibration standard). The sample was run a second time in order to confirm matrix interference. Compounds associated with this internal standard are benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo (g,h,i)perylene.

Cyanide
The results for cyanide have been calculated to include the % solids. A revised report was provided on 1/7/99.

Reviewed by: Patricia Werner

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

12/30/99

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U -The analytical result is a non-detect.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit.

B -The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E -The concentration of the analyte exceeded the calibration range of the instrument.

D -This flag identifies all compounds identified in an analysis at a secondary dilution.

INORGANIC METHOD QUALIFIERS

C - Concentration qualifiers are as follows:

B -Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U -Entered when the analyte was analyzed for, but not detected.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit.

Q - Qualifier specific entries and their meanings are as follows:

E -Reported value is estimated because of the presence of interferences.

M - Method qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
NR - The analyte is not required to be analyzed.
P - ICP
T - Titrimetric

ETL

Environmental Testing Laboratories, Inc.
208 Route 109 • Farmingdale • New York 11735
516-249-1456 • Fax: 516-249-8344

CHAIN OF CUSTODY DOCUMENT

J 4655

Project Name: North Fist Street | Project Manager: Ed Schwetz | Sampler (Signature): (Print):

Project Address: North First Street

Client Con Ed J/N: | Rush by 12/4/99

SAMPLE INFO Type SS = Split Spoon, G = Grab, C = Composite, B = Blank; Matrix L = Liquid, S = Soil, SL = Sludge, A = Air, W = Wipe | *Air - Vol (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total. # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH	VOCs	SVOCs	Cyanide	TAL Metals	TAL Metals Filtered	TAL Metals Unfiltered
1	12/1/99	0945	C	S	S-08B	2						✓				✓	✓	✓	✓			
2	12/1/99	1000	C	S	S-08C	2						✓				✓	✓	✓	✓			
3	12/1/99	1245	C	S	S-09A	2						✓				✓	✓	✓	✓			
4	12/1/99	1230	C	S	S-09B	2						✓				✓	✓	✓	✓			
5	12/1/99	1400	C	S	S-13B	2						✓				✓	✓	✓	✓			
6	12/1/99	1450	C	S	S-13A	2						✓				✓	✓	✓	✓			
7	12/1/99	1400	G	S	S-05A	1						✓				✓	✓	✓	✓			
8	12/1/99	1315	G	S	S-05B	1						✓				✓	✓	✓	✓			
9	12/1/99	0910	C	S	S-06B	2						✓				✓	✓	✓	✓			
10	12/1/99	1930	G	L	ER-1	10						✓				✓	✓	✓	✓ (2)	✓	✓	
11																						
12																						
13																						
14																						
15																						

John Roger Mason 12/8/99 1850

Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received by (Signature):	Date / Time	Printed Name & Agent
John Roger Mason	12/8/99 1830				
Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received for Lab by (Signature):	Date 12/9/99 Time 300	Printed Name C Rigetti
Comments & Special Instructions		QA/QC Type:	Number & Type of Containers:	Preservatives:	Temp: 5°

CLIENT COPY

H2MGROUP

Holzmacher, McLendon & Murrell, P.C. • H2M Associates, Inc.
H2M Construction Management, Inc. • H2M Labs, Inc.

ACEC Member
Supporting Excellence
In Engineering

575 Broad Hollow Road, Melville, NY 11747-5076
(516) 756-8000 • Fax: (516) 694-4122

Via Federal Express

September 10, 1999

Mariela Gonzalez
Consolidated Edison Company of New York, Inc.
Astoria T & S Bldg., 1st Floor, #136
31-01 20th Avenue
Long Island City, New York 11105

Re: Phase I Environmental Site Assessment
North First Street Fuel Oil Terminal
Kings County Tax Map No.: Block 2355, Lot 1, Block 2361, Lot 1,
Block 2362, Lot 3, Block 2376, Lot 6
214 Kent Avenue
Brooklyn, New York

Dear Gonzalez:

In accordance with our technical proposal dated May 1999, Holzmacher, McLendon & Murrell, P.C. (H2M) has completed a Phase I Environmental Site Assessment (ESA) for the site located at 214 Kent Avenue in Brooklyn, New York. Enclosed please find a copy of the final report documenting our findings. This report incorporates your comments relative to the draft Phase I ESA prepared by this office.

As outlined in Section 5.0 of the Phase I Environmental Site Assessment report, we have identified several areas of significant environmental concern associated with the subject property. Recommendations for addressing these issues are covered in Section 5.0. A proposed Phase II ESA scope of work and cost estimate are provided under a separate cover.

If you should have any questions or comments regarding this report, please do not hesitate to contact this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Philip J. Schade, P.E.
Project Manager

Scott E. Hamarich
Project Engineer

Enclosure

cc: Louie Carnevale/Con Edison (w/enclosure)
Candida Canizio/Con Edison (w/enclosure)
Curt Langrebe/Con Edison (w/enclosure)
Gary J. Miller, P.E./H2M

J:\1999JOBS\CNED9902\NFSOT\ESA_REP2.DOC

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT

KINGS COUNTY TAX NO. BLOCK 2355, LOT 1, BLOCK 2361, LOT 1,
BLOCK 2362, LOT 3 & BLOCK 2376, LOT 6
214 KENT AVENUE
BROOKLYN, NEW YORK

PREPARED FOR:

Consolidated Edison Company of New York, Inc.
4 Irving Place
New York, New York

SUBMITTED BY:

HOLZMACHER, McLENDON & MURRELL, P.C.
575 BROAD HOLLOW ROAD
MELVILLE, NEW YORK 11747

H2M PROJECT NO. CNED 9902

SEPTEMBER 10, 1999

H2MGROUP

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
KINGS COUNTY TAX NO. BLOCK 2355, LOT 1, BLOCK 2361, LOT 1, BLOCK 2362, LOT 3 & BLOCK 2376, LOT 6
214 KENT AVENUE
BROOKLYN, NEW YORK

SEPTEMBER 10, 1999

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PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
KINGS COUNTY TAX NO. BLOCK 2355, LOT 1, BLOCK 2361, LOT 1, BLOCK 2362, LOT 3 & BLOCK 2376, LOT 6
214 KENT AVENUE
BROOKLYN, NEW YORK

SEPTEMBER 10, 1999

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APPENDIX D: .....FACILITY PICTURES

H2MGROUP

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
NORTH FIRST STREET FUEL OIL TERMINAL
KINGS COUNTY TAX NO. BLOCK 2355, LOT 1, BLOCK 2361, LOT 1, BLOCK 2362, LOT 3 & BLOCK 2376, LOT 6
214 KENT AVENUE
BROOKLYN, NEW YORK

September 10, 1999

1.0 GENERAL INFORMATION

1.1 SCOPE

As requested by Consolidated Edison Company of New York, Inc, (Con Edison), Holzmacher, McLendon & Murrell, P.C. (H2M) conducted a Phase I Environmental Site Assessment (ESA) of the property located 214 Kent Avenue in Brooklyn, New York (hereafter termed the "subject property"). This Phase I ESA was performed in conformance with the guidelines of American Society for Testing Materials (ASTM) E 1527 - 97, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" as well as Con Edison's technical specifications for Phase I Environmental Site Assessments dated March 1999. The Phase I ESA encompassed the following tasks:

1. Review of readily available Con Edison files pertaining to the subject property.
2. Review of site plans and tax map information concerning the subject property, as available.
3. Site visit, conducted on July 23, 1999, to identify and confirm existing land

use, water supply and sewage disposal, possible waste dumping areas, drainage patterns, buried and aboveground tanks, hazardous materials and petroleum usage, electrical transformers, and neighboring land uses.

4. Air monitoring and a soil gas survey with a portable photoionization detector (PID) to screen for evidence of volatile organic compounds (VOCs). Volatile organic compounds are contaminants typically associated with solvents and petroleum materials.

5. Examination of reasonably ascertainable, standard Federal and State sources to determine the environmental history of the subject property and neighboring properties within a minimum search distance of approximately one (1) mile. This task included review of historical and neighboring property information provided by Environmental Data Resources, Incorporated (EDR), an environmental database service.

6. Limited visual inspection of asbestos containing material hazards.

7. Limited visual inspection of lead-based paint hazards.

8. Review of reasonably ascertainable, standard historical sources (aerial photographs, fire insurance maps, topographic maps, etc.) as available, to determine historical land use of the subject and immediately adjacent properties.

1.2 PURPOSE

This Phase I Environmental Site Assessment has been conducted to establish the general environmental quality of the subject property and to identify actual or potential environmental liabilities.

1.3 INFORMATION SOURCES

The material summarized within this document was compiled from information found within files provided by Con Edison, Sanborn fire insurance maps, an EDR environmental data base search, a site visit and interviews with key Con Edison personnel. Con Edison

personnel that were interviewed at the North First Street Terminal and through follow-up telephone and electronic-mail conversations include the following:

- Joseph Manfre, North First Street Fuel Oil Terminal Shift Supervisor – Provided certain historical and facility operation information.
- Curt Landgrebe, Hudson Avenue Generation Station Environmental Manager – Provided certain historical and facility operation information.
- Mariela Gonzalez, Environmental Engineer – Provided certain historical information.
- Scott Marotta, Con Edison intern – Attended site visit for administrative continuity relative to Phase I ESA process.
- Margaret Karla, Con Edison intern – Attended site visit for administrative continuity relative to Phase I ESA process.

As documented herein, the above individuals have provided certain information relative to questions asked by H2M. For the purpose of this report, it is assumed that all responses were presented in good faith and were based upon that individuals best recollection.

Additional information was gathered from a review of Con Edison files which included, but were not limited to, the following documents:

- State Pollution Discharge Elimination System permit (November 1, 1997)and Best Management Plan (October 30, 1997)
- Discharge Outfall Survey and Monitoring Location Evaluation report (by Foster Wheeler Environmental Corporation)
- New York City Right-to –Know Inventory report, 1998
- Well Monitoring Data (by Miller Environmental Group)

- Part of 1992 Phase I ESA for the Pfizer property (by H2M)
- E2MIS report of spill
- SPCC Plan (March 1998 by Malcom Pirnie, Inc.)
- MPF License (June 1998)
- Groundwater Contingency Plan
- Ravenswood Generating Station Administrative Procedure Oil Storage Tank Inspection (May 2, 1997)

1.4 SITE LOCATION

The subject property is located on the east bank of the East River with approximately 816 feet of river frontage. The northern most portion of the property fronts North Third Street and the southern most portion borders Grand Street Park on Grand Street. The eastern most portion of the property fronts Kent Avenue and the postal address for the subject facility is 214 Kent Avenue in Brooklyn, New York. The subject property is shown on Kings County Tax Maps as Block 2355, Lot 1; Block 2361, Lot 1; Block 2362, Lot 3 and Block 2376, Lot 6 and the property size is 400,515 square feet (sq. ft.) (9.19 acres), 156,420 sq. ft. (3.59 acres) of which are shown on tax maps as being underwater between the bulkhead and the western most property line.

Review of a topographical survey prepared by the United States Geological Survey (USGS) indicates that the topography of the site is relatively flat with a shallow slope towards the East River and the terrain is situated at approximately 10 to 20 feet above mean sea level (msl). Based on H2M's groundwater investigation experience within the vicinity

of the subject property, groundwater is expected to be encountered at approximately 5 feet above mean sea level (msl) and regional groundwater is expected to flow to the west with tidal influences.

1.5 SITE DESCRIPTION

For the purpose of this report, the site (see Appendix D, picture No. 1) is divided into two sections, one of which is the oil transfer and storage portion (see Appendix D, picture No. 2) and the other is the former Pfizer property (see Appendix D, picture No. 3). The oil transfer and storage portion of the property contains six aboveground storage tanks, one underground storage tank, a one-story structure (see Appendix D, picture No. 4), docks and storage shed. The Pfizer portion of the property contains four aboveground storage tanks, two one-story structures, a dock and one shed.

The subject property consists of four parcels of land of which three were used for the storage and/or distribution of No. 6 fuel oil. According to Con Edison personnel, the fourth parcel has remained unused since its purchase date in 1993, with the exception of the dock area. The portion of the fourth parcel that is included in the East River is being utilized by Con Edison as dock space. According to information obtained from Con Edison files, the fourth parcel was formerly owned by Charles Pfizer and Company, Incorporated (Pfizer) and served as a transfer and storage facility for molasses and sulfuric acid. According to Con Edison personnel, Pfizer utilized the molasses and sulfuric acid in the production of cough syrup at a separate manufacturing facility, also

located in Brooklyn, New York. Information obtained from a December 1992 Phase I ESA of the Pfizer property, prepared by H2M, indicated that the transfer and storage operation ceased around July of 1984.

2.0 SITE HISTORY

In order to compile information relative to the subject site history, available fire insurance maps and aerial photographs were reviewed. In addition, Con Edison files were reviewed and key personnel were interviewed.

2.1 FIRE INSURANCE MAPS

In order to determine historical land use of the subject property, a search of historical fire insurance maps was performed. Fire insurance maps (see Appendix A) were available for the subject property for the years 1887, 1904, 1905, 1909, 1916, 1918, 1935, 1942, 1947, 1950, 1951, 1977, 1978, 1981, 1991, 1992, 1993, 1995 and 1996. The portion of the property located on Block 2376, Lot 6 was located on a separate set of fire insurance maps than Block 2355, Lot 1; Block 2361, Lot 1 and Block 2362, Lot 3, all of which were on a single map set.

The 1887 map for Block 2376, Lot 6 identified the subject parcel as containing the Nassau Ferry Company and Hardy, Voorhees and Company Lumber Yard. The Ferry Company property contained two loading ramps and a dock for the ferries, and a one-story structure identified as a waiting room. The lumberyard contained several one to

three-story structures identified as lumber sheds/storage and a sawing and planning mill. Additionally, the lumberyard contained a dock.

The 1904 fire insurance map shows the Nassau Ferry Company as remaining unchanged, however the dock is identified as containing a coal bin. The lumberyard no longer exists and a new structure has taken its place. The new structure is located at the water's edge and contains a small dock in addition to the original dock from the former lumberyard. The property also has had the shoreline altered in the form of an alcove.

The 1905 and 1909 maps show no detail for the subject property or surrounding properties. The 1918 fire insurance map shows the Nassau Ferry Company property unchanged from the 1904 map, however the former lumber property contains a two-story storage/office structure and a one-story office structure. In the 1935 map the one-story structure is no longer exists and the property is identified as being occupied by F. J. Bruce, Inc. which is a lath and lumber company. The Nassau Ferry property remained unchanged.

Charles Pfizer and Company, Inc. is identified as occupying the Nassau Ferry Company and F. J. Bruce, Inc. site in the 1947 fire insurance map. Two above ground steel constructed storage tanks with two million and three million-gallon capacities are identified on the property as containing molasses. One aboveground storage tank constructed of steel has a 100,000-gallon capacity and is identified as containing sulfuric acid. A one-story pump building, two-story vacant structure, shed and one-story dwelling

are identified on the site. Additionally, the two docks are no longer present and a concrete bulkhead is shown along the shoreline and is identified as being constructed of concrete on woodpiles.

The 1950 map shows the property unchanged from the previous mapped year and the 1977 map shows the vacant structure removed and a metal equipment shed constructed on the property. The 1981 through 1993 maps indicate the property remained the same as shown in the 1977 fire insurance map. The 1995 map shows a one-story structure constructed on the property. The property appears to remain unchanged through the 1996 fire insurance map.

Block 2361, Lot 1 is shown as containing a sugar refining company in the 1887 fire insurance map. Block 2361, Lot 1 is shown on the 1887 map as containing Hardy, Voorhees and Company Lumber Yard and Block 2362, Lot 3 contains C. W. Wilson Lumber Yard and Hardy, Voorhees and Company Lumber Yard. The sugar refining property contains several structures that appear to be interconnected and encompass the complete property. An acid storage area and melting pan room are identified in the structure. The remaining portions of the structure are primarily used for the storage of raw sugar. The Hardy, Voorhees and Company Lumber Yard at Block 2361, Lot 1 property contains several shed structures and the C. W. Wilson Lumber Yard contains a two-story structure, one-story structure and a shed. The Hardy, Voorhees and Company Lumber Yard on Block 2362, Lot 3 contains two two-story structures.

The 1905 map shows the sugar refining property as being occupied by the American Coffee Company. The former structure is shown as being renovated for use by the American Coffee Company. A structure is shown as extending over the dock and encompasses the entire dock area. Block 2361, Lot 1 is shown as containing no structures and is occupied by M. M. Miller Agent Coal Pocket and is being utilized as a storage yard. M. Samuel and Sons Metals occupies Block 2362, Lot 1 and the property contains a one-story structure and shed.

The 1909 fire insurance map show no detail for the subject property and surrounding properties when compared to the 1905 map. The M. M. Miller Agent Coal Pocket property is shown with no detail on the 1916 map. The American Coffee Company property appeared to remain structurally unchanged in the 1916 map with the exception of a change in operation. The property is being utilized by the American Sugar Refining Company for the storage of sugar. M. Samuel and Sons Metals property remains unchanged, however Thos. W. Kiley Co. has constructed a one-story structure on the adjoining lot. Thos. W. Kiley Co. property is identified on the 1916 map as being used for the storage of steel.

In the 1942 insurance map the M. M. Miller Agent Coal Pocket property is being used by the Great American Fuel Corporation, which has constructed 2 one-story structures on the property. Additionally, the property contains two coal bins and four unknown structures, which appear to resemble tanks. The M. Samuel and Sons Metal Property remains unchanged with the exception of a name change to Samuel Sons Iron

and Steel Company, Inc. Additionally, the property is identified as being utilized for a metal scrapping operation. The American Sugar Refining Company property remains unchanged with the exception that a portion of the building had been removed and a storage area is identified as stirex storage.

The 1951 map shows a garage as being constructed on the portion of the American Sugar Refining Company property where a structure had been shown as removed. Two structures suspected of being gasoline tanks are identified as well as a 38,000-gallon capacity and 45,000-gallon capacity water tank. Furthermore, the building is identified as being constructed in 1898. The Great American Fuel Corporation property is shown as only containing four unknown structures identified as concrete coal pockets on concrete piers. A paint and lacquer manufacturer occupies the Thos. W. Kiley Co. property and the Samuel Sons Iron and Steel Company, Inc. property remains the same.

The 1978 fire insurance map shows NEPCO Terminal Corporation as occupying Block 2355, Lot 1; Block 2361, Lot 1 and Block 2362, Lot 3. The properties have been cleared and Block 2355, Lot 1 contains three steel constructed aboveground storage tanks of six million-gallon, six million-gallon and 4.88 million-gallon capacity. The property in its entirety is shown as being within an earthen dike and the tanks are identified as containing No. 6 fuel oil. Block 2361, Lot 1 is similar to Block 2355, Lot 1 in that the property contains three steel constructed storage tanks, all of which are within an earthen dike at the perimeter of the property and being utilized for No. 6 fuel oil storage. Two of the tanks have a six million-gallon capacity each and the last tank has a 2.325 million-

gallon capacity. Additionally, the property contains a concrete pier on woodpiles. Block 2362, Lot 3 contains NEPCO Terminal Corporations service building and is identified as being constructed in 1965. The paint and lacquer manufacture exists unchanged. The 1981 through 1996 fire insurance maps show the subject property as unchanged.

2.2 AERIAL PHOTOGRAPHS

Aerial photographs (see Appendix B) for the subject property and surrounding areas were reviewed for the years 1954, 1975, 1984 and 1994. The 1954 aerial photograph shows the portion of the property formerly owned by Pfizer as containing present day structures including the two one story structures, two molasses tanks and sulfuric acid tank. Additional items identified in the aerial photograph include a structure on the north side of the facility in the location of an abandoned foundation observed during the site visit. The subject lot located north of the former Pfizer property appears to be vacant with the exception of four tank like structures. The subject parcel north of this parcel contains a structure or multi structures which encompass the entire block. The lot that contains the Boiler House contains a structure, which does not resemble the present day structure. In addition to the above, three docks protrude into the East River from the subject property. The surrounding properties appear to contain industrial buildings, with the exception of a residential structure to the south, which remain unchanged through the 1994 photograph.

The 1975 aerial photograph shows the former Pfizer lot as remaining unchanged

from the 1954 photograph. The two lots, which border the East River, contain the present day storage tanks, which encompass the entire lot. The present day Boiler House has been constructed and the docks have been reconstructed and remain unchanged through the 1994 photograph.

The 1984 and 1994 aerial photographs show the subject property as relatively unchanged with the exception of the removal of the structure located on the north side of the former Pfizer lot as shown in the 1984 map.

2.3 HISTORICAL SUMMARY

Based upon the information gathered from the aerial photographs, Sanborn fire insurance maps and Con Edison personnel, it is apparent that the subject property has been utilized for various operations including lumber yards, ferry docking, coal storage, sugar refining, steel storage, coffee production/distribution, molasses transfer and storage, and fuel oil transfer and storage.

According to information gathered from the Con Edison files, the property which is currently being utilized for oil transfer and storage was purchased by Con Edison in October of 1984 from NEPCO Terminal Corporation. Con Edison personnel indicated that NEPCO Utilities, Inc. opened the facility in 1965 for the transfer and storage of No. 6 fuel oil. According to Con Edison personnel, the NEPCO Utilities, Incorporated facility existed relatively similar to the current site conditions, Charter Oil operated the facility from 1980 till 1984 and North East Petroleum managed the facility for a short period of

time in 1984 prior to Con Edison's purchase. The portion of the property which is identified as the Pfizer property was purchased by Con Edison in November of 1993 from Charles Pfizer and Company, Inc. The former Pfizer property is not being utilized at this time and the oil transfer and storage portion of the property is currently being decommissioned. The aboveground storage tanks have been recently emptied and cleaned with no plans for future use.

2.4 CURRENT PROPERTY USE

The portion of the property which was formerly owned by Pfizer was utilized for the transfer and storage of molasses prior to being purchased by Con Edison. According to Con Edison personnel, Con Edison purchased the Pfizer property in 1993 and never developed or occupied the site. Since Con Edison's purchase of the Pfizer property in 1993, the property has remained relatively unchanged. The remaining portion of the Con Edison property is utilized for the transfer and storage of fuel oil. Con Edison purchased this portion of the property in 1984 for the continued use as an oil transfer and storage facility. The site has been in operation as an oil transfer and storage facility since 1965 and has remained relatively unchanged through present day.

3.0 SITE SURVEY

A H2M environmental professional (Scott Hamarich) conducted a site survey on July 23, 1999, to visually inspect the subject property and to assess the overall environmental quality. Provided below is a summary of the site survey findings.

3.1 FORMER PFIZER PROPERTY

Two molasses storage tanks (see Appendix D, picture No. 5) are located on the former Pfizer property and are of 2 million and 3 million-gallon capacity. Molasses was apparently shipped to the facility via barges. The tanks are constructed of steel and appeared to be in good shape at the time of the site inspection. According to Con Edison personnel, the tanks each contain approximately eighteen inches to two feet of molasses in them. Con Edison personnel indicated that the tanks were removed from service prior to Con Edison's purchase of the property. In addition to the 2 million and 3 million-gallon capacity tanks a molasses tank of unknown size (less than 20,000-gallon capacity) (see Appendix D, picture No. 6) is elevated above a one-story structure on the south side of the property. Con Edison personnel indicated that when this tank was in service it was utilized to fill transfer trucks with heated molasses. The tank appeared to be in good condition and was constructed of steel.

A sulfuric acid tank (see Appendix D, picture No. 7) was observed on the former Pfizer property and has a capacity of 100,000-gallons and includes a containment system (see Appendix D, picture No. 8) constructed of a concrete slab and eight foot high concrete walls. The tank is constructed of steel and appears to be in good condition. According to Con Edison personnel, the tank is empty and was removed from service prior to Con Edison's purchase of the property. The containment system is currently filled with water which according to Con Edison personnel is the result of stormwater collection.

The former Pfizer property contains two single story structures which appear to be constructed of transite panels on a steel frame and concrete slab. The western most structure was utilized to fill tanker trucks with molasses and/or sulfuric acid and contains a lead lined containment system (see Appendix D, picture No. 9). The December 1992 Phase I ESA (see Section 3.1.A) indicates the containment area was utilized to prevent migration of sulfuric acid, which may have been spilled during truck filling operations. A similar lead containment system was observed under a valve on the bulkhead.

A floor drain (see Appendix D, picture No. 10) was observed in the truck filling structure and based on visual observations, is believed to discharge to a small polyvinyl chloride collection container (see Appendix D, picture No. 11) located to the north of the structure. Piping was observed between the drainage structure and the container.

The truck filling structure contained two stainless steel tanks (see Appendix D, picture No. 12) of an unknown size and usage, along with an air compressor (see Appendix D, picture No. 9) and a hot water holding tank. No information is available pertaining to the size and former usage of the tanks.

A truck scale was observed in the other onsite structure at the former Pfizer property. This structure also contains a boiler feed pump, condensate pump and reservoir tank, unit heater, power panel, and a water treatment system. The water treatment system was apparently installed to maintain the boiler water.

The power panel included an oil filled electrical switch that may contain dielectric

fluid. It is unknown if this fluid contains polychlorinated biphenyls (PCBs). The switch appeared to be in good condition with no significant surface staining.

The structure also contained a floor drain, two floor penetrations (see Appendix D, picture Nos. 13 and 14) and a stormwater catchbasin (see Appendix D, picture No. 15). According to Con Edison personnel, the floor drain and manhole are believed to be connected to a drainage system that discharges to the East River. The December 1992 Phase I ESA indicates that stormwater catchbasins located throughout the site discharge to the East River. A floor penetration (see Appendix D, picture No. 13) was observed to be constructed as to collect liquids, however the discharge point is unknown. The second penetration is of unknown usage and has a soil bottom (see Appendix D, picture No. 14).

Located on the former Pfizer property is a chemical storage shed which, according to Con Edison personnel, was installed by Con Edison for the storage of spare boiler parts and empty 55-gallon recovery drums.

Two structural foundations were identified in the northwest corner of the property and on the north side of the property.

The former Pfizer property bulkhead is constructed of concrete on woodpiles and is in a deteriorating state.

3.1.1 December 1992 Phase I ESA Review

According to the December 1992 Phase I ESA prepared by H2M relative to the

Pfizer property, Pfizer purchased the property on June 3, 1938 from the Ireland Real Estate Company. No further information was available for the property usage prior to Pfizer's occupancy of the property, however Con Edison personnel and the Con Edison files indicate that the Pfizer property included the area to the south of the property which is now known as Grand Ferry Park. Con Edison personnel and the December 1992 Phase I ESA document indicate that the Grand Ferry Park property contained a caretaker's dwelling and a 2,000-gallon capacity underground storage tank (UST) for the Pfizer property. The storage tank is indicated to have contained fuel oil for usage in an onsite boiler. According to Con Edison personnel, the boiler produced steam required to heat the molasses prior to transfer. The December 1992 Phase I ESA indicated that the 2,000-gallon UST was abandoned in place with sand in the early 1980's. Since the 2,000-gallon tank is not within the confines of the subject property, it is not considered a significant concern.

The December 1992 Phase I ESA further indicated that a 550-gallon UST may have existed in the northern portion of the property as shown on historical maps which date back to the 1930's. No further information is available pertaining to the USTs.

The December 1992 Phase I ESA indicates that approximately 100 cubic yards of mycelium may have been buried onsite in the northeast section. Mycelium is a byproduct of fermenting citric acid, which according to the December 1992 Phase I ESA, Pfizer manufactured at an offsite manufacturing facility and may have disposed of onsite during a landfill strike. Mycelium by definition is the densely branched network of hypae

(fungal filament) in a fungus. In addition to the mycelium being disposed on the subject property, the December 1992 Phase I ESA indicates that heating coils were removed from a sulfuric acid barge and buried onsite. No further information is available pertaining to the mycelium or heating coil, however documents found within the Con Edison files indicated that soil, groundwater and sediment were sampled by Miller Environmental Group (MEG) and H2M in the early to mid 1990's.

3.1.2 Soil Sampling/Remediation

Con Edison files indicated that soil samples were collected by H2M and MEG in the early to mid 1990's and were analyzed for priority pollutant metals, total petroleum hydrocarbons, target compound list base-neutral organics, target compound list purgable organics and polychlorinated biphenyls. Sample analysis included elevated levels of volatile organic compounds resulting in the remediation of two areas at the Pfizer property. These areas included a 40-foot by 130-foot section located on the north side of the parcel in the east corner and a 40-foot by 40-foot section located in the southeast corner of the parcel. Information gathered by H2M at the time of the remediation indicated that approximately one foot of soil was removed from each location and approximately 300 tons of clean fill was backfilled into the two locations. H2M personnel who worked on the project indicated the remediation project was performed under the supervision of Con Edison and Pfizer and neither party required endpoint samples to confirm the effectiveness of the remediation effort. However, H2M personnel indicated that the soil at the remediation extent appeared to be visually clean with no

unusual coloring or objectionable odors.

3.2 OIL TRANSFER AND STORAGE FACILITY

The oil transfer and storage portion of the subject property contains six aboveground oil storage tanks and associated secondary containment (see Appendix D, picture Nos. 16 and 17), a boiler house, various storage trailers and an underground storage tank.

3.2.1 Underground Storage Tanks

According to Con Edison personnel, an underground storage tank (UST) located at the facility contains No. 6 fuel oil for usage in the Boiler House's three boilers. Con Edison personnel indicated that the UST has a 10,000-gallon capacity tank and is located under Con Edison's asphalt paved parking area and is constructed of a single layer of steel with a cathodic protection system. It was indicated that the tank also contains a high level alarm, product level gauge and automatic shut-off valve. Information gathered from Con Edison's files indicated that the facility conducts annual tightness testing. According to on Edison personnel, the tank has consistently passed the tank tightness testing criteria and the last recorded testing date was August 1998.

3.2.2 Aboveground Storage Tanks

The subject facility includes two sets of three aboveground storage tanks, with each set situated in a separate containment system. Both containment systems are

situated so as to completely surround the tanks within. The containment system in the center parcel of the subject property contains tanks No. 100, 200 and 300. The tanks are labeled as having design capacities of 142,105.64 barrels, 55,313.19 barrels and 142,673.39 barrels, respectively. Tanks No. 400, 500 and 600 have design capacities of 142,595.99 barrels, 142,858.80 barrels and 116,508.70 barrels, respectively. The tanks and containment system are constructed of steel and according to Con Edison personnel, are constructed on a 14-inch thick concrete pad. Con Edison personnel indicated the tanks have high and low level alarms that are connected to a control board in the control room of the Boiler House and a control station located on the docks. The dock side control station is utilized during the unloading of oil tankers. According to Con Edison personnel, as of July 22, 1999 the six storage tanks have been certified as gas free and are out-of-service.

3.2.3 Boiler House

The Boiler House contains three boilers, which according to Con Edison personnel, create steam for use in piping and heat exchangers (see Appendix D, picture Nos. 18 and 19) that heat the No. 6 fuel oil from the six storage tanks. Heating of the No. 6 oil is performed to make it less viscous for pumping to the Ravenswood Station. According Con Edison personnel, fuel oil is no longer pumped to the Ravenswood Station and Con Edison is in the process of permanently closing the fuel oil lines. Included in the Boiler House was a diesel powered emergency backup generator, including a 234-gallon capacity fuel storage tank. Other items in the Boiler House include air compressors,

pumps and a boiler water treatment system. The boilers are currently shutdown and are no longer being used. When the boilers were in operation, the treatment system maintained the boiler systems water quality by automatically adding Ashland Chemical Company's DWS 1807 Oxygen Scavenger, DWS 1891 Corrosion Inhibitor, Adjunct H Liquid Corrosion Inhibitor and Advantage Plus 6445 Deposit Inhibitor from 55-gallon drums. According to Con Edison personnel, the boilers are currently shutdown with no plans for future use. A chemical storage cabinet located in the Boiler House contains 5-gallon and 1-gallon containers of epoxy paint.

A fire suppression room located within the Boiler House contains a 3,000-gallon capacity tank that is labeled as containing 3% Foamite (Ethylene Glycol) in addition to approximately 55 5-gallon containers of Foamite. According to Con Edison personnel, the 3% Foamite was used in a fire suppression system for the storage tanks. The room also contains pumps for mixing the Foamite with water and discharging the product in the event of a fire. The diesel generator located in the room mixes the Foamite and water in the event of a power failure. Con Edison personnel indicated that a water tank located on the roof of the structure is connected to the fire suppression system for use as an emergency water supply. According to Con Edison personnel, carbon dioxide tanks located in the room are utilized for fire suppression in the facility's underground electrical vaults for the facility.

The Boiler House also contains a transformer room that, according to Con Edison personnel, does not contain any oil filled transformers.

3.2.4 Groundwater Monitoring

According to Con Edison personnel, Miller Environmental Group monitors groundwater at the facility on a monthly basis in accordance with the facilities Major Oil Storage Facility license. Monitoring wells were observed at the west end of North First Street, Metropolitan Avenue and North Third Street, and east of tank No. 300 (see Figure 3). These wells were installed, according to an April 25, 1994 memo prepared by Harry Coates of Con Edison, to comply with the terms of the facilities Major Oil Storage Facility license and must be visually monitored for free product. Information found within the Con Edison files, including monthly monitoring reports, indicates that no free product or odors were observed from the time the first visual monitoring through January of 1999. The results of the groundwater monitoring activity are submitted to the New York State Department of Environmental Conservation on an annual basis.

3.2.5 Miscellaneous Items

The property maintains three docks (see Appendix D, pictures No. 20, 21 and 22) for the unloading of oil tankers. The middle dock contains the piping for the ship unloading, a control room for the monitoring of the unloading event and a spill containment trailer. The spill containment trailer contains items that would be required in the event of a fuel spill (i.e. oil boom, absorbent rags, etc.). Two spill containment trailers were observed by the aboveground No. 6 fuel storage tanks and in the Boiler House's parking area. Additional trailers observed at the facility include a fire fighting

equipment storage trailer and tool trailer, both located by the No. 6 storage tanks, a spill containment trailer located on North Third Street and a miscellaneous storage trailer. The parking area of the Boiler House contains a chemical storage shed, which includes within it, two empty 55-gallon drums, three containers of diesel fuel, a container of tar and a container of grease.

No oil filled transformers were noted on the subject property. Con Edison personnel and available documents, including the facility SPCC Plan, confirmed the absence of oil filled transformers.

3.3 ASBESTOS CONTAINING MATERIAL

Suspect asbestos containing material was identified during the site visit. The suspect asbestos containing material included pipe insulation, mudded joint plaster, wall plaster, fire brick, boiler gasket material, vinyl floor tiles, floor tile mastic, roofing material, transite panels, electrical wire wrap, and window caulk. The suspect materials observed were generally in good condition.

3.4 LEAD-BASED PAINT INSPECTION

Based on the age of the structure, all painted surfaces within the facility are suspected to contain lead. All painted surfaces appeared to be in good condition.

3.5 PHOTOIONIZATION DETECTOR (PID) SURVEY

Air monitoring was conducted as part of the site investigation using a portable

photoionization detector (PID). The PID is designed to detect a wide variety of non-methane organic compounds and is used to identify areas of possible environmental concern. The PID is not designed to detect possible inorganic contaminants (i.e., metals). Organic contaminants detected by the PID are expressed in the form of total organic compounds in parts per million (ppm) equivalence units referenced to the PID's calibration gas.

Ambient air within the property boundaries ranged from 0.0 to 0.2 ppm. Readings in this range are typical of "normal" ambient air. Soil gas readings were collected at twenty-seven (27) locations throughout of the subject property. The readings were obtained by inserting the PID's probe into 1/4-inch diameter holes driven through non-paved areas to a depth of 1-2 feet below grade. All PID readings were in the range of 0.0 to 0.2 ppm, which is indicative of "normal" soil gas readings.

4.0 REGULATORY AGENCY FILE REVIEW

Regulatory agency files review was conducted through use of an environmental database service (Environmental Data Resources, Inc.) which performed a review of reasonably ascertainable, standard Federal and State environmental information sources. A complete copy of the Environmental Data Resources, Inc. (EDR) report is provided in Appendix C. The sources reviewed by EDR included but were not limited to the following lists and databases:

- New York State Inactive Hazardous Waste Disposal Sites

- New York State Leaking Underground Storage Tank Incident Reports
- New York State Solid Waste Facility/Landfill Site Registry
- New York State Petroleum Bulk Storage Facilities
- New York State Chemical Bulk Storage Facilities
- New York State Major Oil Storage Facilities
- National Priority List for Federal Superfund Cleanup (NPL)
- Federal Emergency Response Notifications System Spills (ERNS)
- Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

A summary of the findings of the EDR report is provided below.

4.1 SUBJECT PROPERTY

The subject property is listed on eight of the databases searched under the EDR report. The subject property was listed on the following databases: Leaking Underground Storage Tank (LUST), Resource Conservation and Recovery Information System (RCRIS) Large Quantity Generator (LQG), Emergency Response Notification System (ERNS), Facility Index System/Facility Identification Initiative Program Summary Report (FINDS), NY Spills, Chemical Bulk Storage Facilities (CBS) Aboveground Storage Tank (AST), Major Oil Storage Facility (MOSF) UST and MOSF Aboveground Storage Tank (AST).

Under the EDR searches (NY Spills and LUST) the subject property is identified as having nine spills. Of the nine spills, three were reported as being closed. The remaining six are identified as having the spill closure date listed as "not reported". Of these spills, three are reported to have occurred in containment areas and all nine were

identified as being cleaned-up. Therefore, the listed spills are not considered a significant environmental concern.

The subject property is listed as being a RCRIS LQG for 1980 and 1990. No violations were identified for these two listings. Additionally, the subject property is listed three times as being on the ERNS list.

EDR lists the subject property as containing an underground storage tank with a 10,000 gallons capacity containing No. 5 or 6 fuel oil. Seven aboveground storage tanks are listed on the subject property. Of the seven tanks, six contain No. 5 or 6 fuel oil and last, a 3,000-gallon capacity tank, contains ethylene glycol. All tanks are reported to be constructed of steel and the fuel tanks were indicated as having capacities of six million, six million, six million, six million, 4.88 million and 2.325 million gallons.

4.2 NEIGHBORING SITES

The subject property is comprised of four separate parcels. Three of the parcels, Block 2355, Lot1: Block 2361, Lot 1 and Block 2376, Lot 6, are bordered on the west by the East River and east by River Street. The property at Block 2355, Lot 1 is bordered to the north by North Third Street and south by Metropolitan Avenue. Block 2361, Lot 1 is bordered to the north by Metropolitan Avenue and south by North First Street. Block 2376, Lot 6 is bordered to the north by North First Street and south by Grand Street Park. Block 2362, Lot 3 is bordered to the west by River Street, east by Kent Avenue, north by Metropolitan Street and south by a paint and lacquer manufacturer.

The normal operating activities conducted by the neighboring occupants are examined to determine whether the subject property could potentially be impacted. The businesses surrounding the subject property include Domino Sugar, Flynn Paint, barrel refurbishers, Gleam Industries, York Display Finishing Company, Inc., and a multipurpose structure.

The EDR report lists four Coal Gas sites, one State Hazardous Waste site and one Corrective Action Report site (CORRACTS) within a 1 mile radius of the subject property. EDR list eleven LUSTs, two Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) sites and one RCRIS Transfer, Storage and Disposal (TSD) facility within a half-mile of the subject property. The EDR report identifies ten RCRIS Small Quantity Generators (SQG), nine USTs, six RCRIS LQGs, two CBS USTs and two CBS ASTs within a one-quarter mile radius of the subject property.

Sites listed under the Coal Gas database are former gas holder sites which are all greater than one-quarter mile form the subject property and therefore not considered significant relative to the subject property.

The site identified by EDR as a State Hazardous Waste site is identified as BGE/Ansbacher Color and Dye Company. A phase I ESA and Phase II ESA were performed in the area and identified arsenic and lead contaminated soil. The report identifies the contaminated soil as not presenting a significant threat to the public or the

environment. The site is greater than one-half mile east of the subject property. This site does not present any direct environmental concerns relative to the subject property, however, local groundwater quality, including that which underlies the subject property, may have been impacted.

The site identified by EDR as a CORRACTs site has had seventeen violations, which are mainly in the compliance evaluation inspection category. The site is greater than one-eighth mile from the subject property and activities at the site should not have an impact on the subject property.

EDR lists eleven LUST sites of which all were identified as having the spills closed, the remaining releases were labeled as the spill closure date "not reported", however remedial action was indicated as being taken at each site.

The sites listed on the CERCLIS sites database lists the sites as being cleaned up, therefore the sites are not considered significant relative to the subject property.

The site identified by EDR as a RCRIS TSD facility is identified as accepting waste from off-site and has violations that are mainly within the compliance evaluation inspection category. Since the property is greater than one-eighth mile form the subject property, the site is not expected to have an impact on the subject property.

The sites listed as RCRIS SQG are all greater than one-eighth mile form the subject property and therefore not considered significant relative to the subject property.

The sites identified by EDR as containing registered USTs, CBS USTs and CBS ASTs are not expected to have an impact on the subject property, since the databases only list registered tanks.

The sites listed as RCRIS LQG are all listed as not having violations and therefore are not considered significant relative to the subject property.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based upon the scope of services outlined in Section 1.1 of this Phase I Environmental Site Assessment Report, H2M has identified several areas of significant environmental concern relative to the subject property as follows:

- A December 1992 Phase I Environmental Site Assessment performed for the former Pfizer property indicates mycelium and a sulfuric acid heating coil may have been disposed on site. Documents found within the Con Edison files indicate that soil at the property was remediated, however, no confirmatory endpoint sample analysis was conducted. An investigation of the potential environmental concerns relative to mycelium should be conducted and the effectiveness of the soil remediation efforts should be confirmed by sampling and analyzing subsurface soils.

- The December 1992 Phase I Environmental Site Assessment identified a 550-gallon UST as possibly being located in the northern portion of the former

Pfizer property. The existence of this UST should be investigated as well as any potential contamination from same.

- The two elevated stainless steel tanks should be further investigated to determine if the contents are such that the residual material could present an environmental concern.

- Suspected asbestos and lead containing paint materials were noted at the property as being in good condition and therefore do not currently present a significant environmental concern. However, any construction and/or remediation activity on-site should take into account the potential hazards associated with handling these materials.

- The floor penetrations in the south structure at the former Pfizer property should be further investigated to determine if they discharge on-site. Soils/sediments should be sampled from on-site discharge areas to determine if any contamination exists. Any contaminated soils/sediment should then be remediated.

- Containers of toxic or hazardous materials such as diesel fuel, foamite, tar, grease, etc. should be properly disposed of off-site. Residual toxic or hazardous material in storage tanks such as ethylene glycol and petroleum products as well as abandoned items such as lead containment area liners should be properly disposed of off-site. In addition, it should be verified that

all tanks are properly cleaned and closed.

- Considering the long-term industrial nature of the site, various operations that are no longer in existence and are not readily apparent could have caused or contributed to local areas of contamination. As such, it is recommended that local groundwater quality be investigated hydraulically upgradient and down gradient of the site to determine if any on-site sources of contamination are affecting groundwater quality. The existing monitoring wells could be utilized to investigate a portion of the property. An investigation of the former Pfizer property may require installation of new monitoring wells or temporary well points.

  In addition, it is recommended that soil samples be collected from shallow (0' – 2' below grade) depths in accessible areas of the site to check for local areas of contamination.

Following completion of Phase II Environmental Site Assessment activities addressing the issues identified above, environmental cleanup activities should be conducted to remediate any contaminated areas.

We certify that this is a true and accurate representation of our findings regarding the subject property.

H2M GROUP

FIGURE 1

SITE LOCATION MAP



SITE LOCATION MAP
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
NORTH FIRST STREET FUEL OIL TERMINAL
214 KENT AVENUE
BROOKLYN, NEW YORK

SCALE: 1"= 300'

FIGURE 1

H2MGROUP ENGINEERS · ARCHITECTS · PLANNERS · SCIENTISTS · SURVEYORS
MELVILLE, N.Y. SHELTON, CT. TOTOWA, N.J

H2MGROUP

FIGURE 2

SITE PLAN

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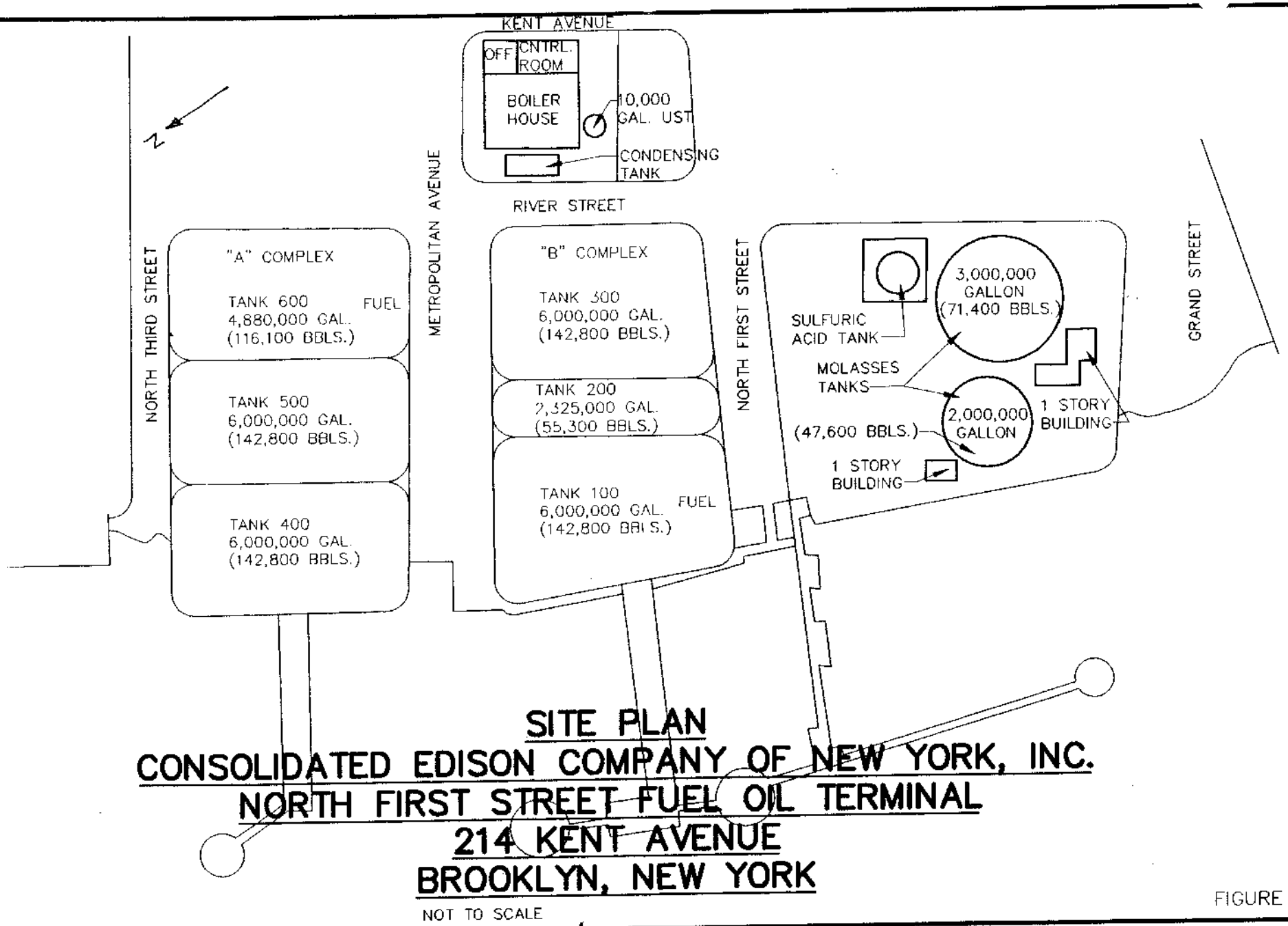

SITE PLAN
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
NORTH FIRST STREET FUEL OIL TERMINAL
214 KENT AVENUE
BROOKLYN, NEW YORK

NOT TO SCALE

FIGURE 2

H2MGROUP
ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. SHELTON, CT. TOTOWA, N.J.

H2MGROUP

FIGURE 3

MONITORING WELL LOCATION PLAN

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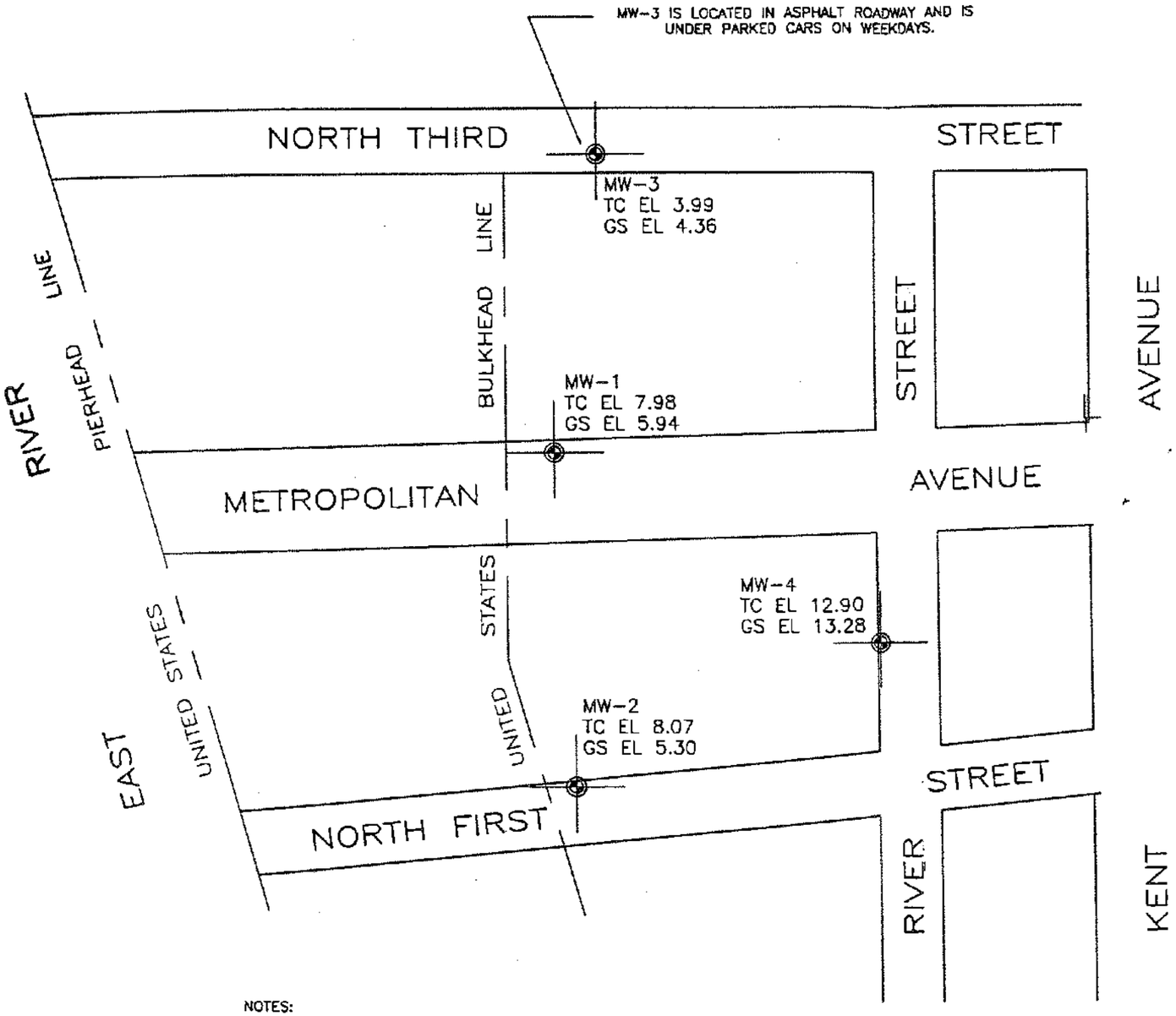

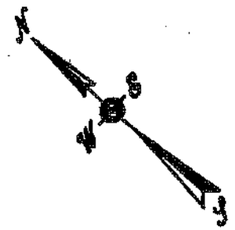

TC-TOP OF CASING

GS-GROUND SURFACE

MONITORING WELL LOCATION PLAN
CON-EDISON NORTH FIRST STREET
BROOKLYN, NEW YORK

NOTES:

ELEVATIONS ARE IN BROOKLYN TOPOGRAPHIC DATUM WHICH IS 2.56 FEET ABOVE U.S.C. & G.S. DATUM

U.S. PIER AND BULKHEAD LINES AS SHOWN ON NEW YORK FINAL SECTION DATED 7/6/83

ALBERT W. TAY
LICENSED LAND SURVEYOR
P.O. BOX 312, PLAINVIEW, NY 11803
TEL (516) 433-3725 FAX (516) 433-0409

SURVEYED AUGUST 16, 1994
AND AUGUST 27, 1994

SCALE 1"=100'

MW-3 ADDED AUGUST 27, 1994

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H2M GROUP

APPENDIX A

FIRE INSURANCE MAPS

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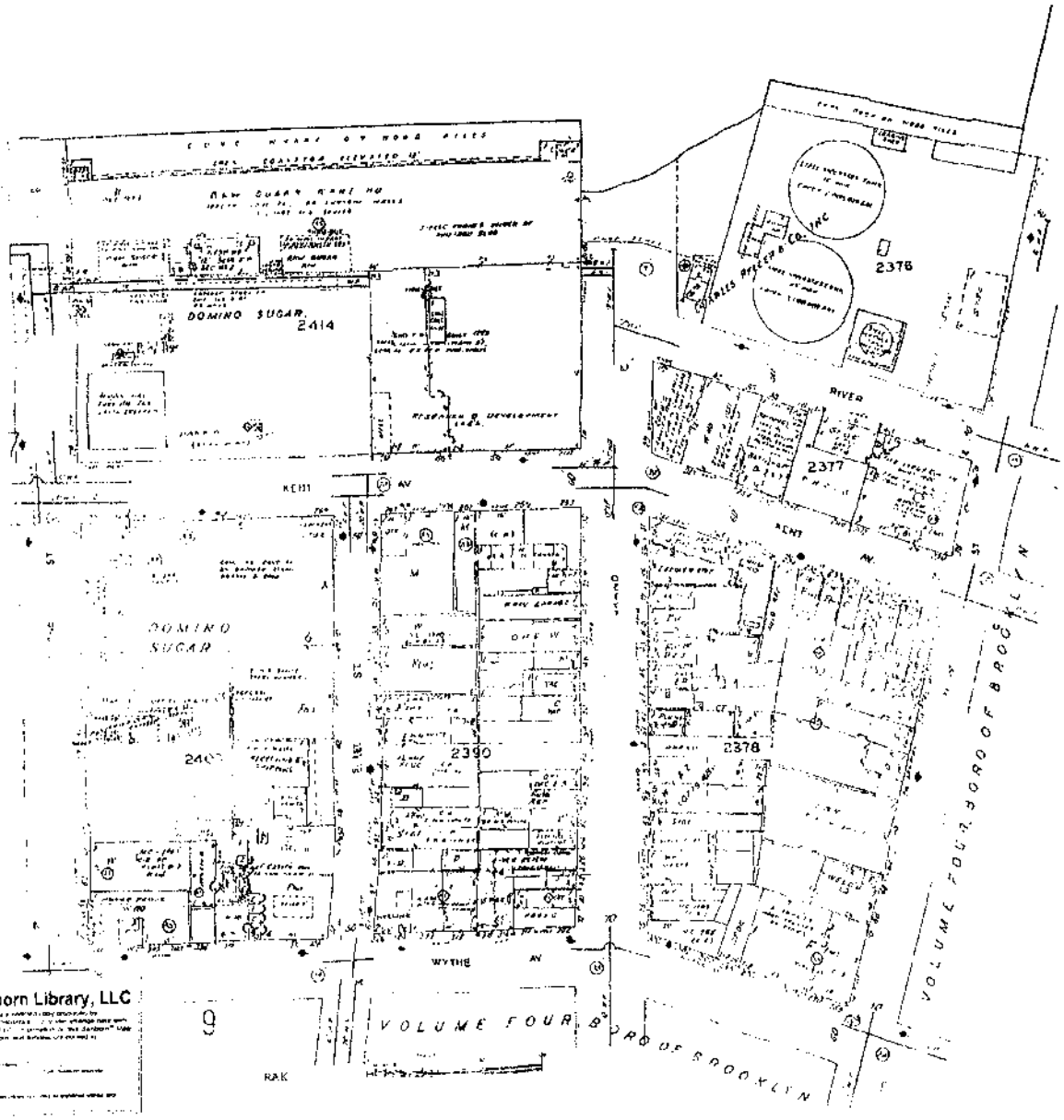
E a s t R i v e r



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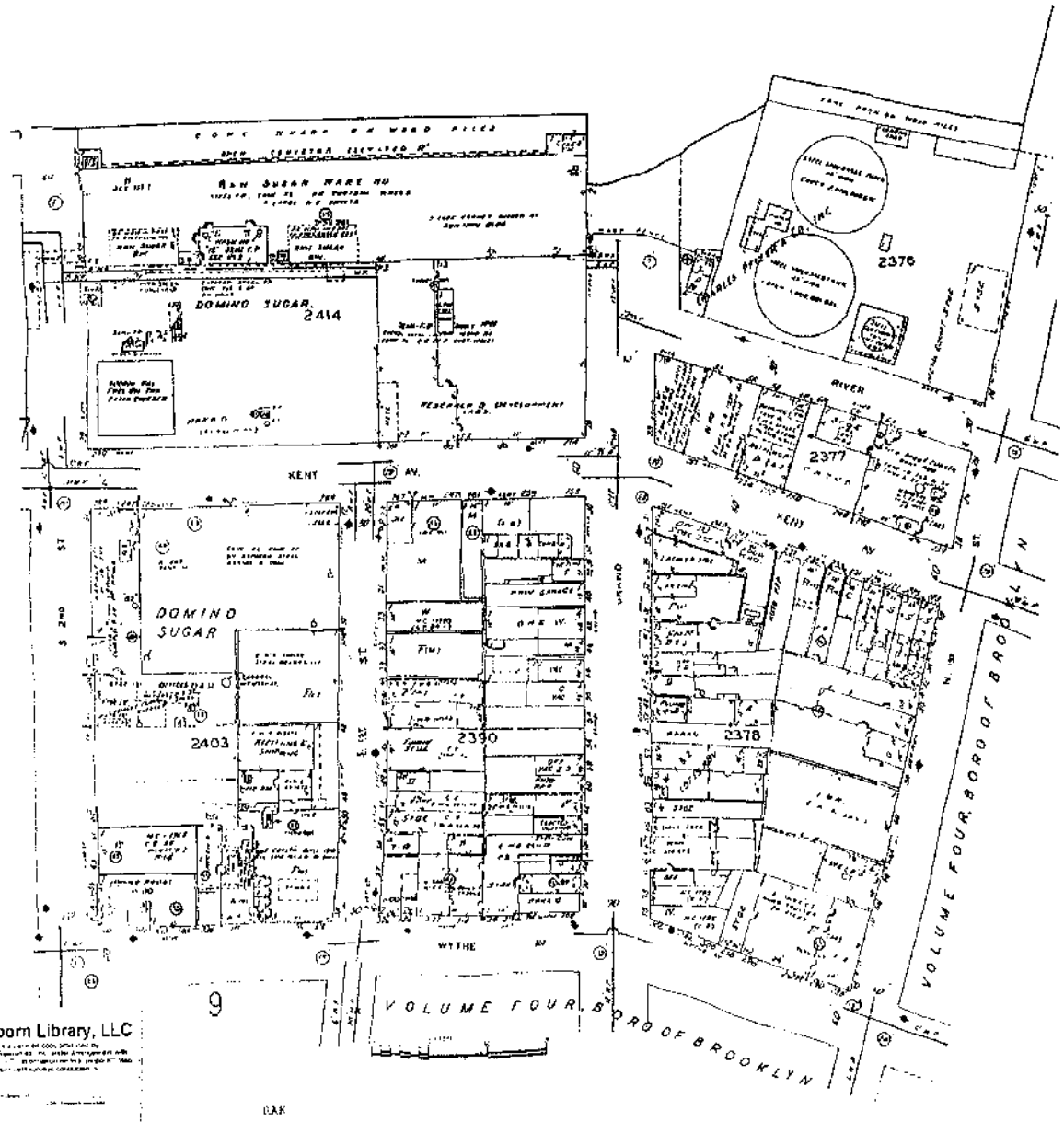

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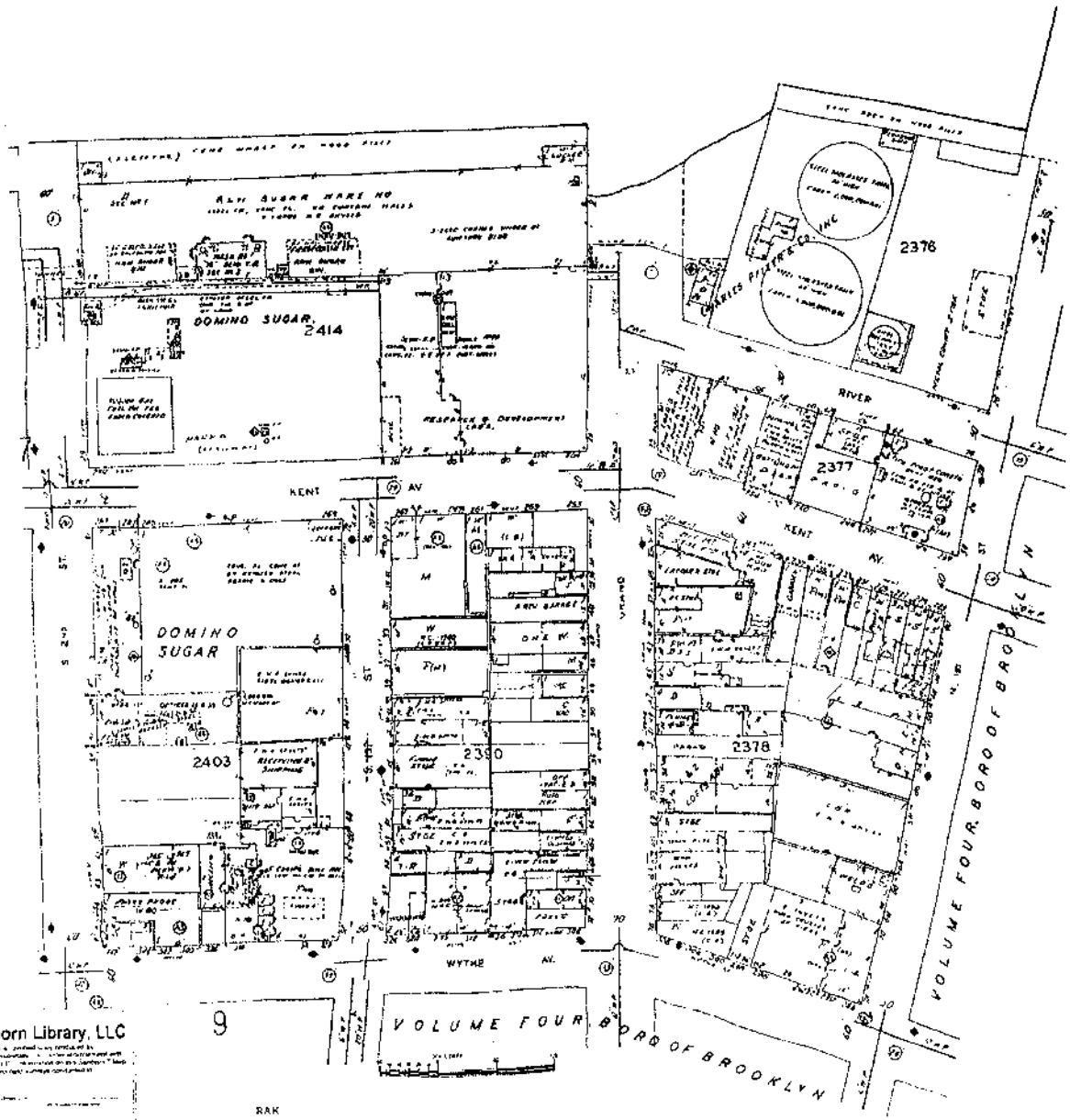

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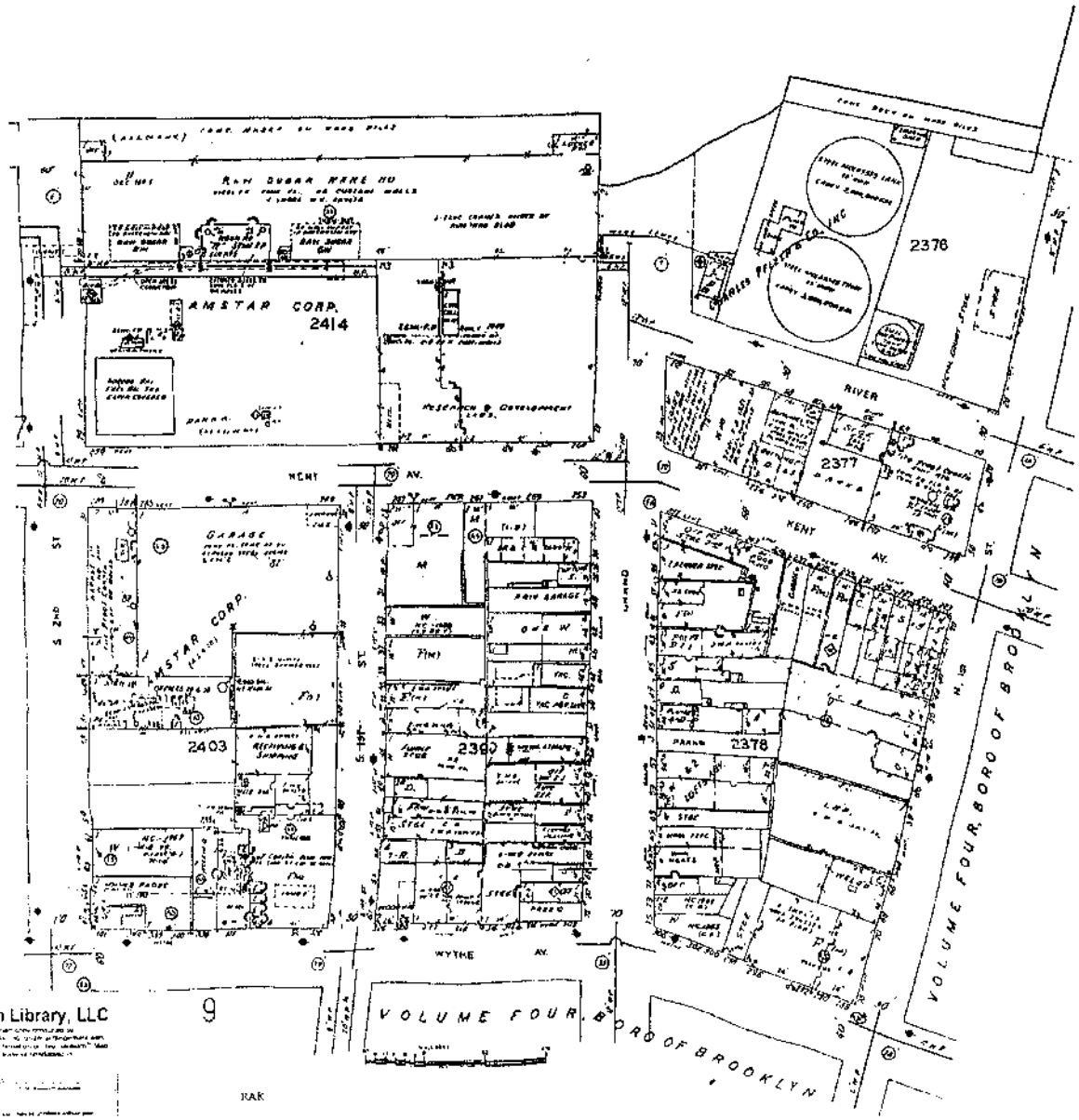

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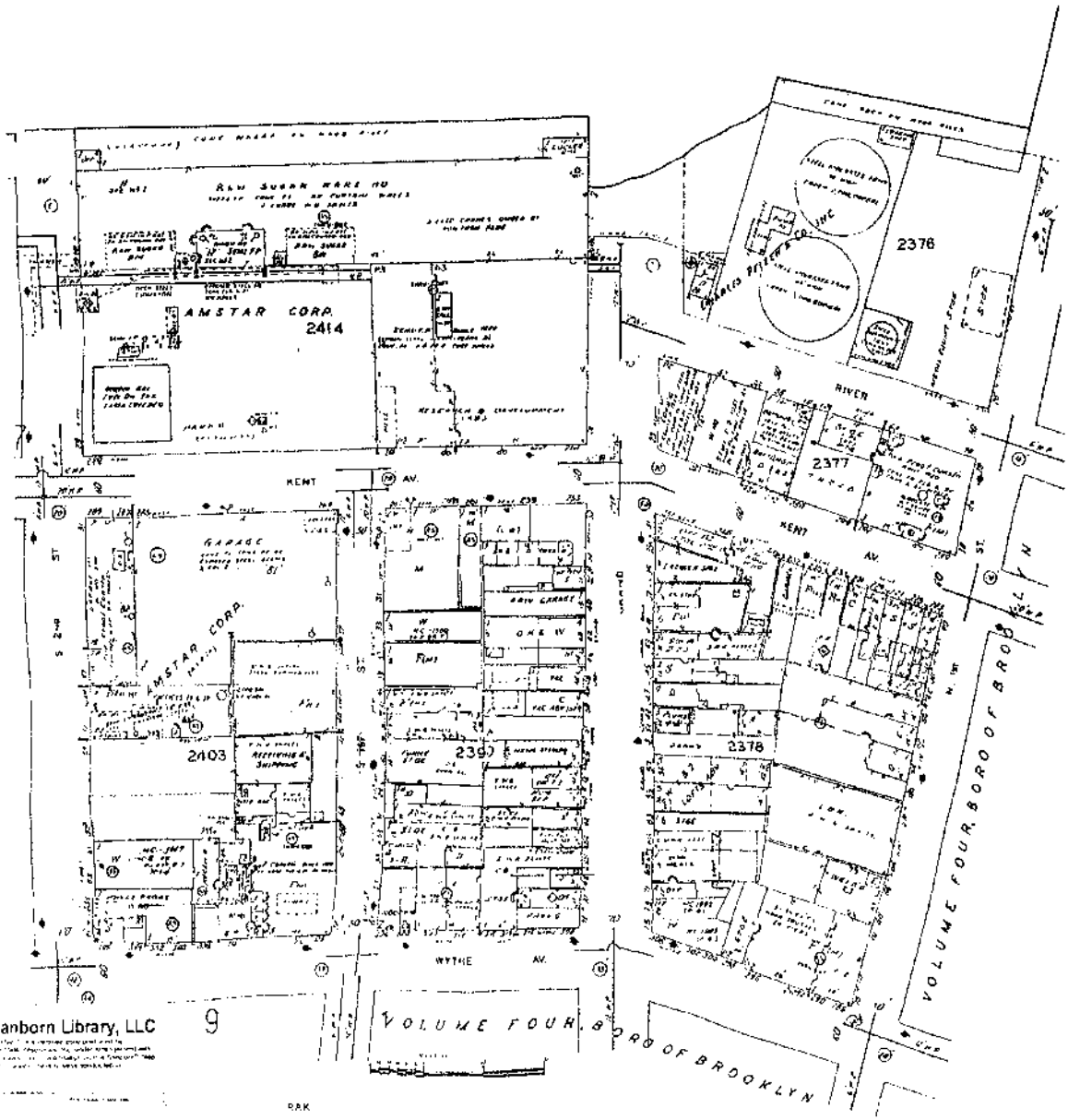

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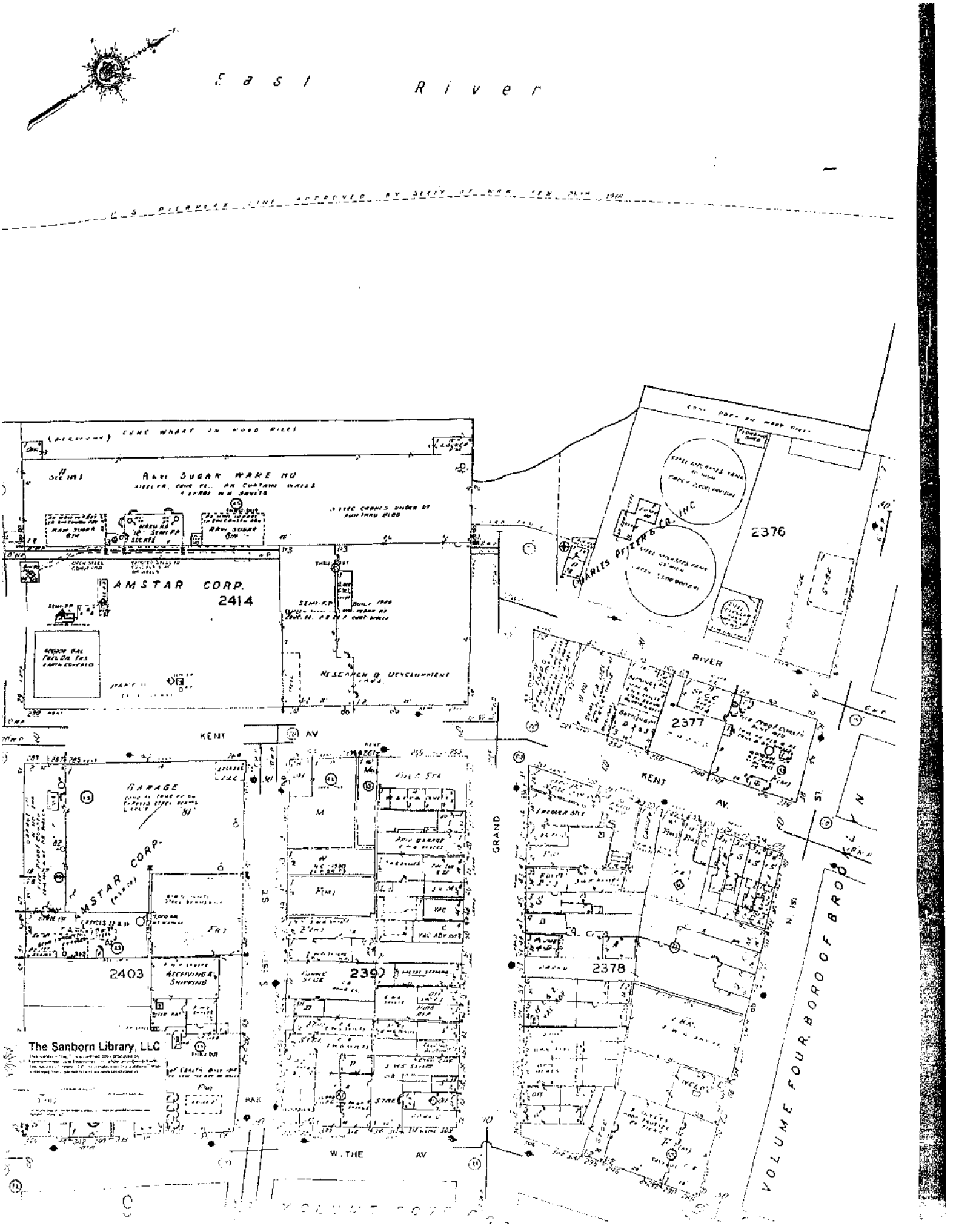

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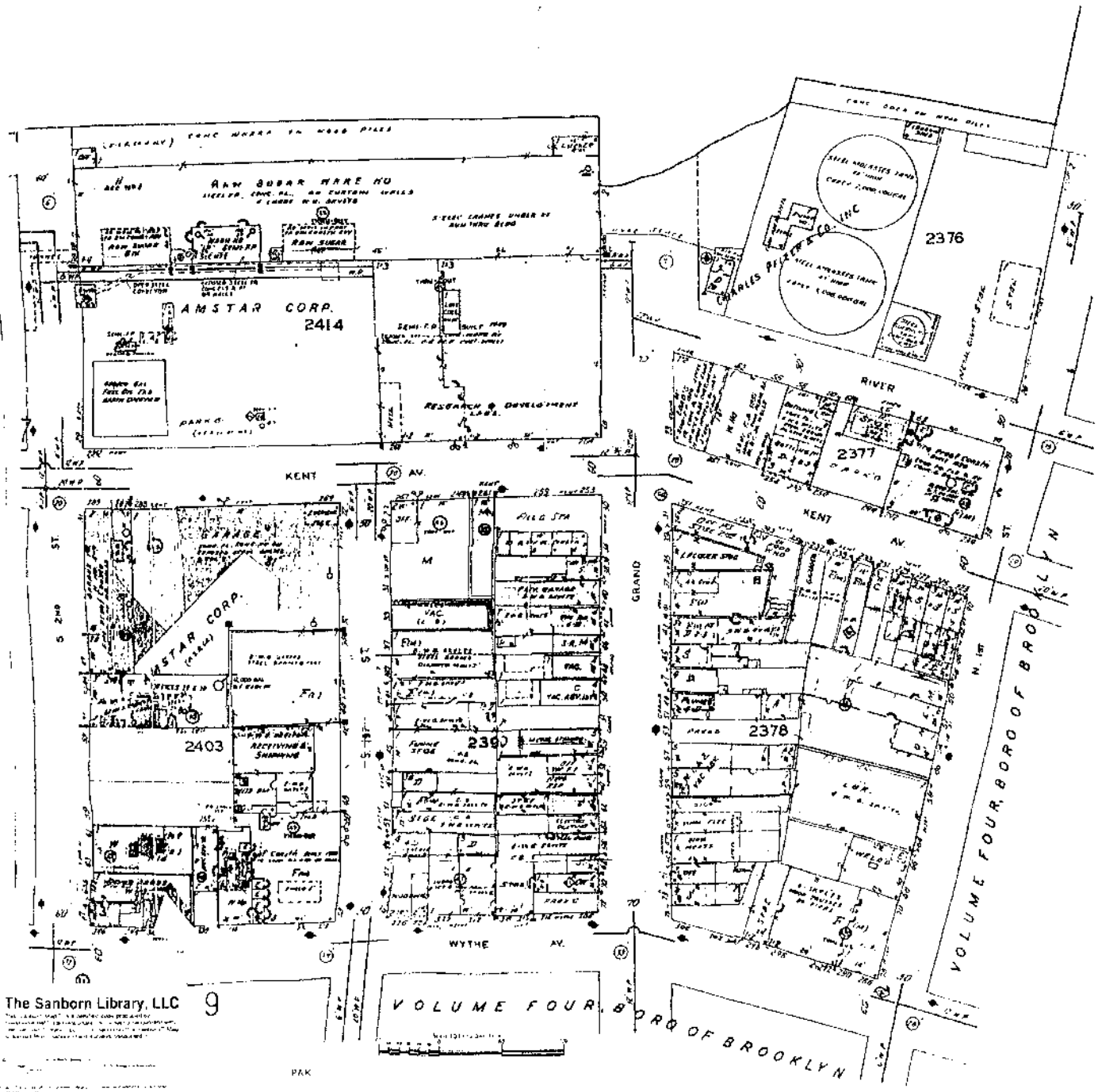

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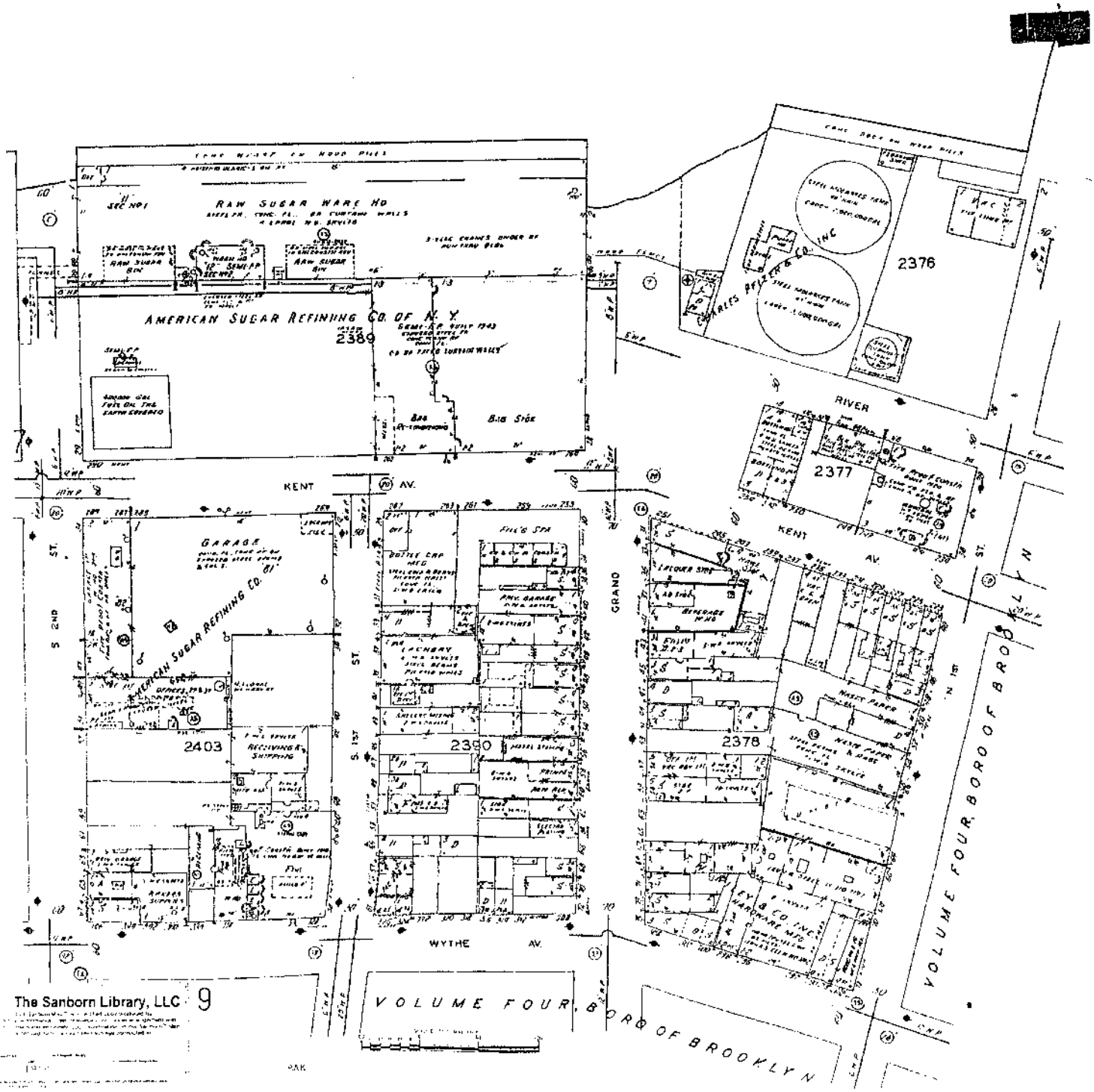

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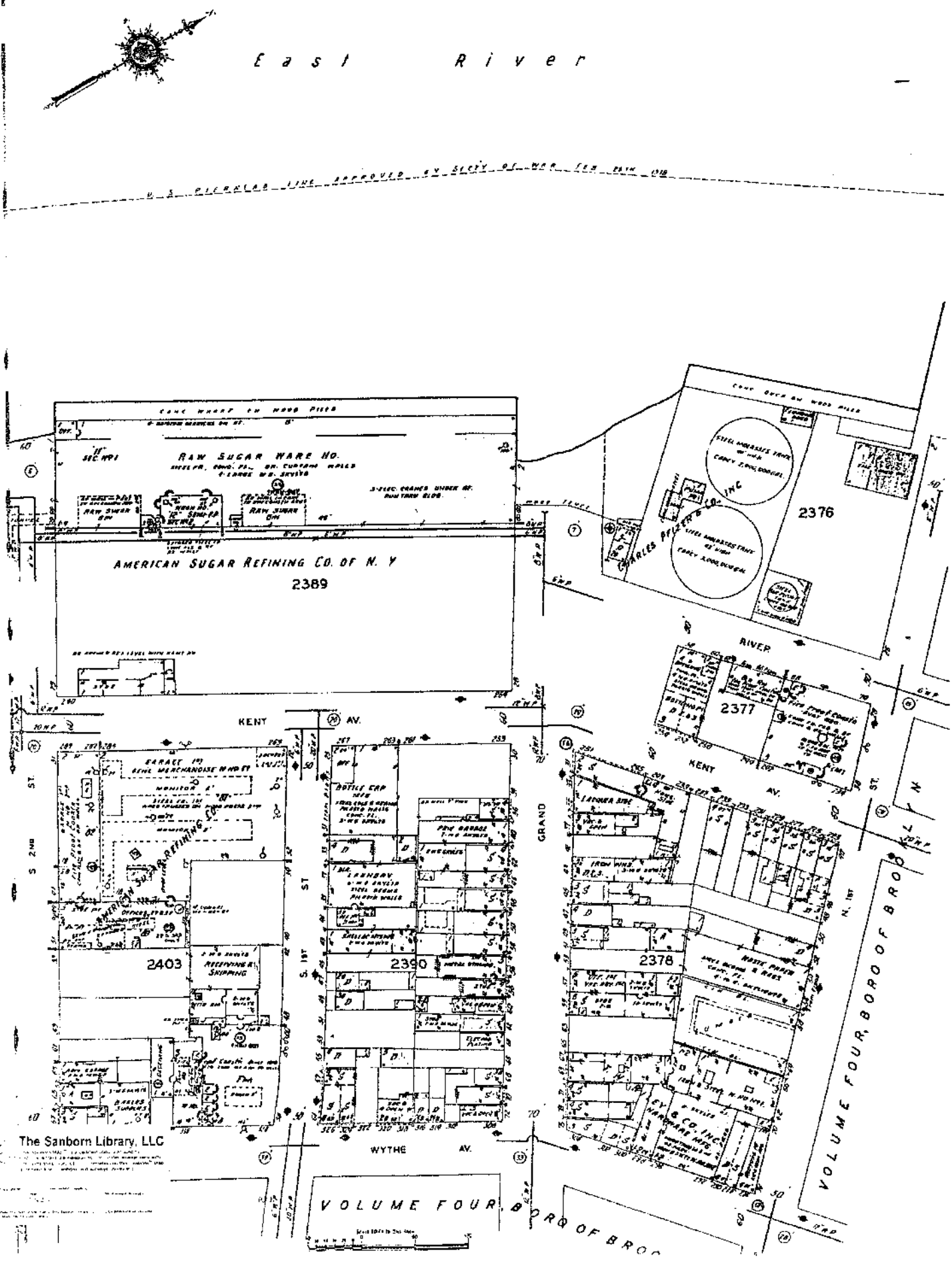

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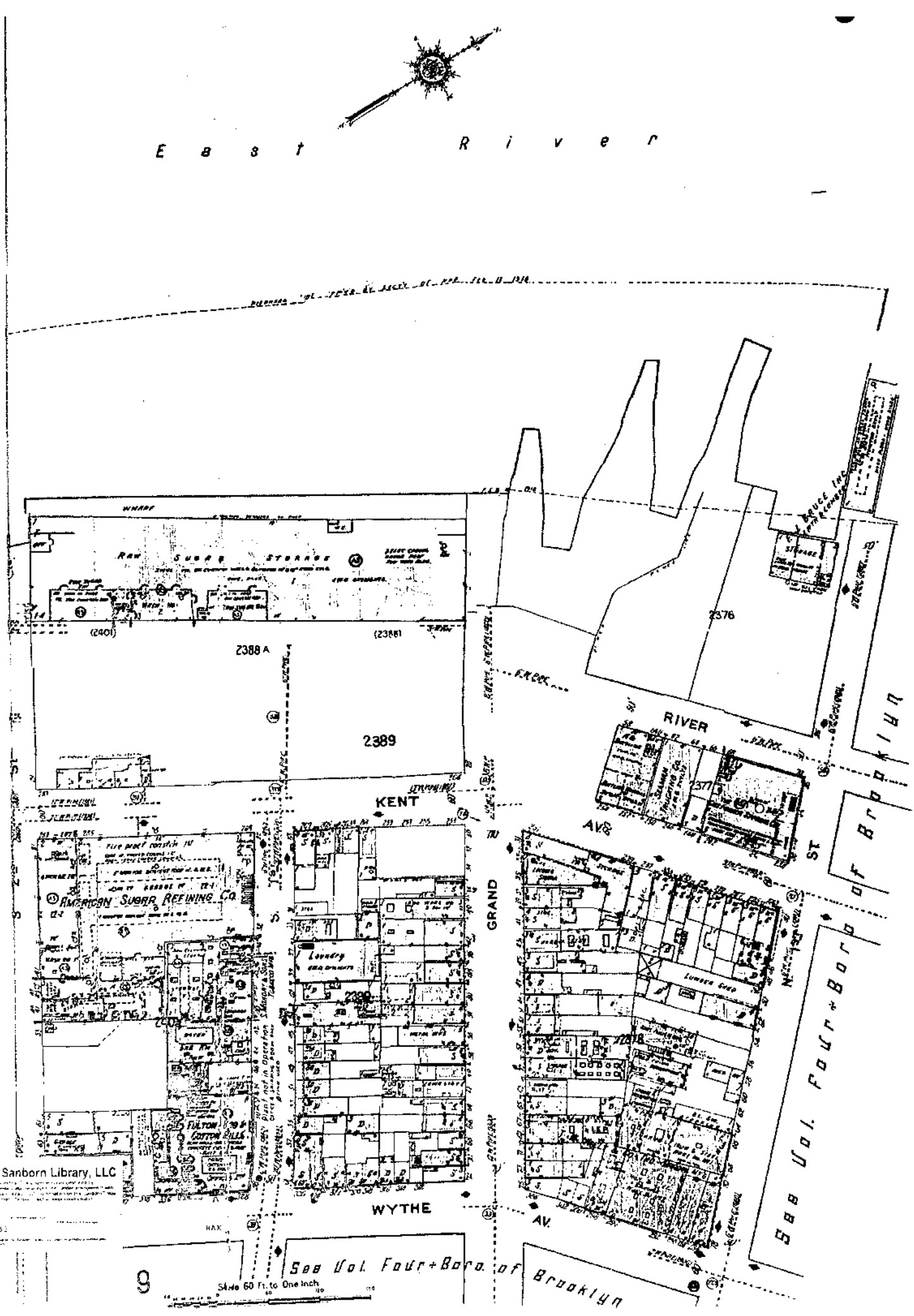

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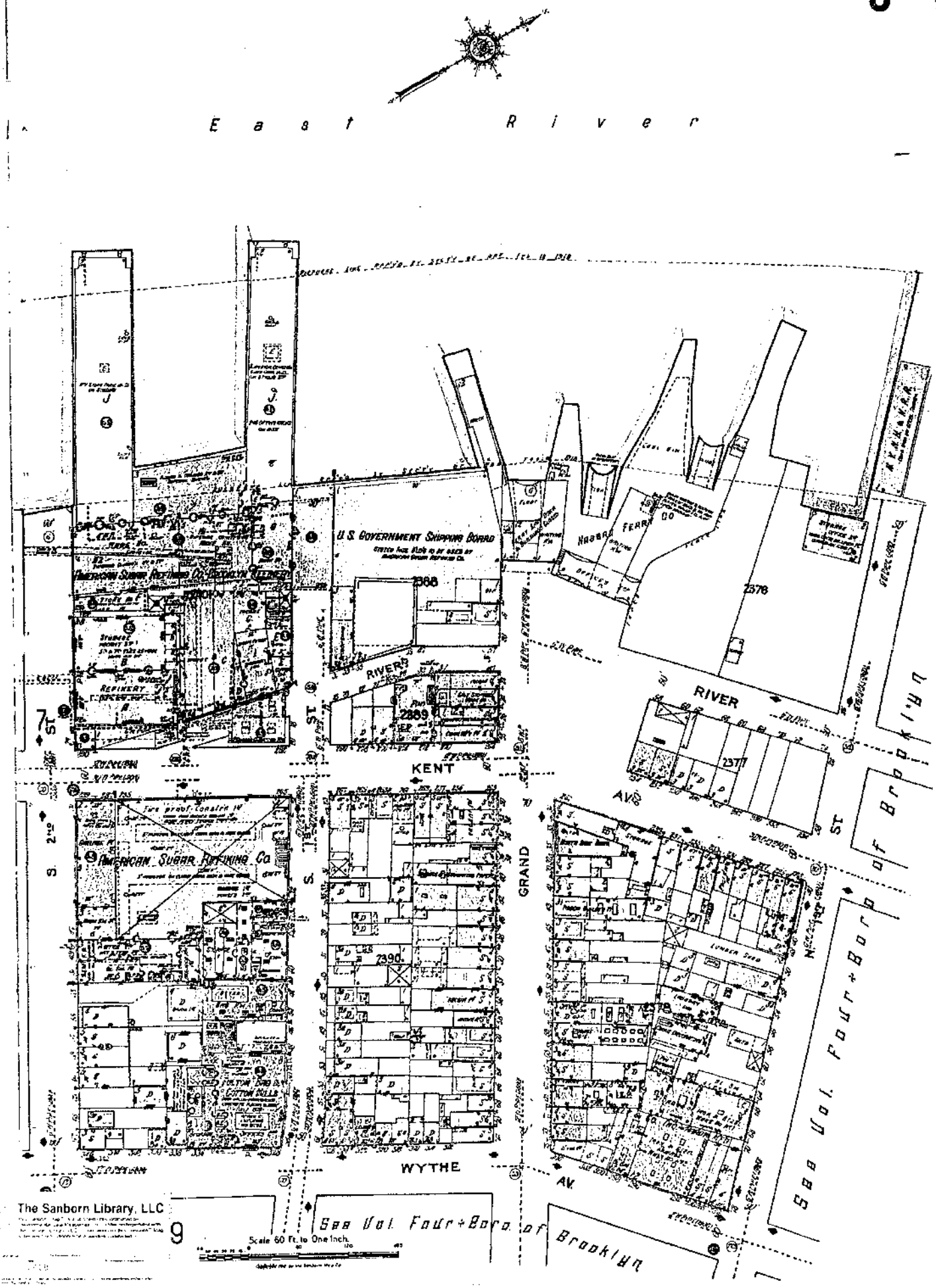

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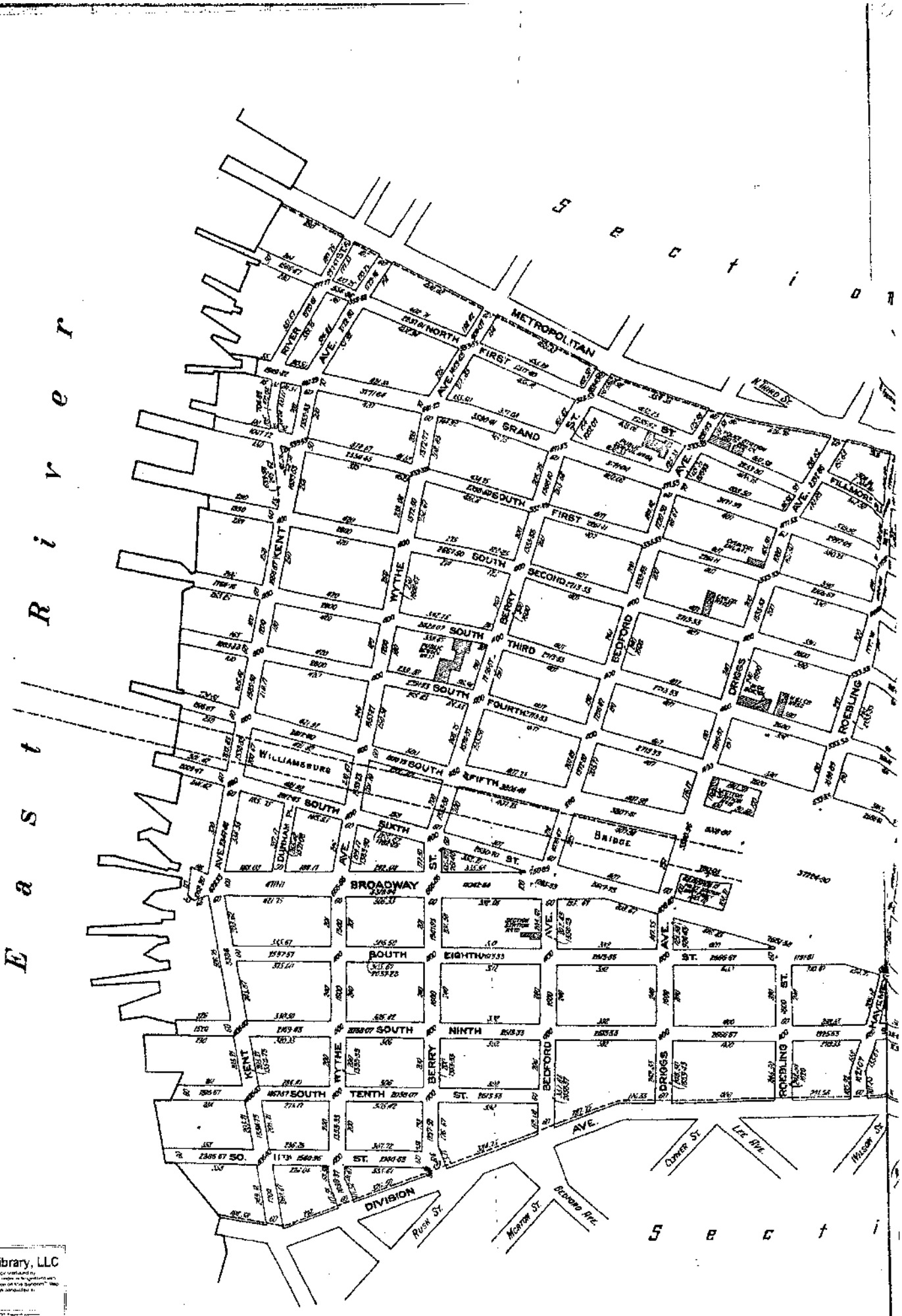


The Sanborn Library, LLC

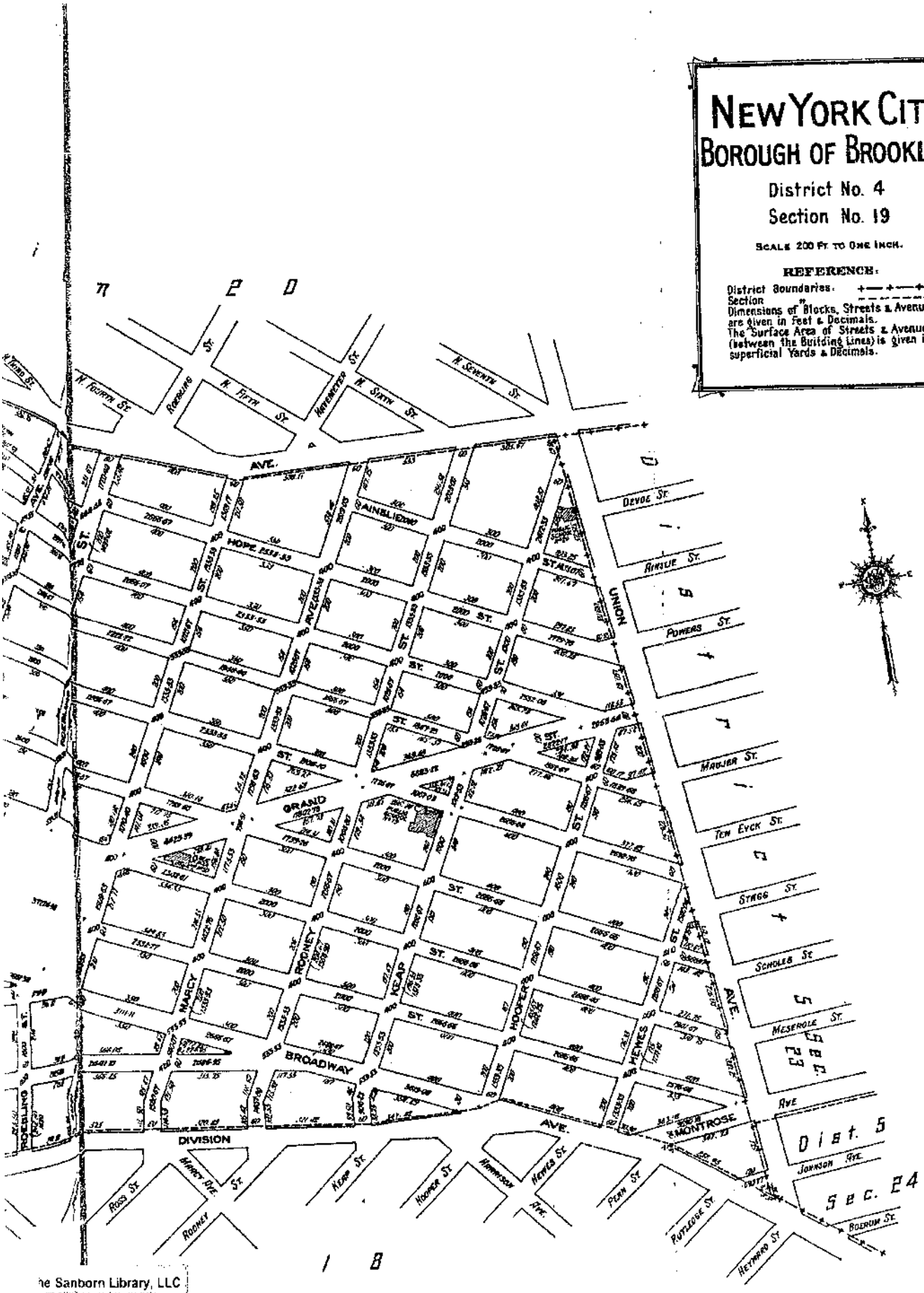
NEW YORK CITY.
BOROUGH OF BROOKLYN.

District No. 4
Section No. 19

SCALE 200 FT. TO ONE INCH.

REFERENCE:

District Boundaries. +—+—+—
Section " - - - - -
Dimensions of Blocks, Streets & Avenues are given in Feet & Decimals.
The Surface Area of Streets & Avenues (between the Building Lines) is given in superficial Yards & Decimals.



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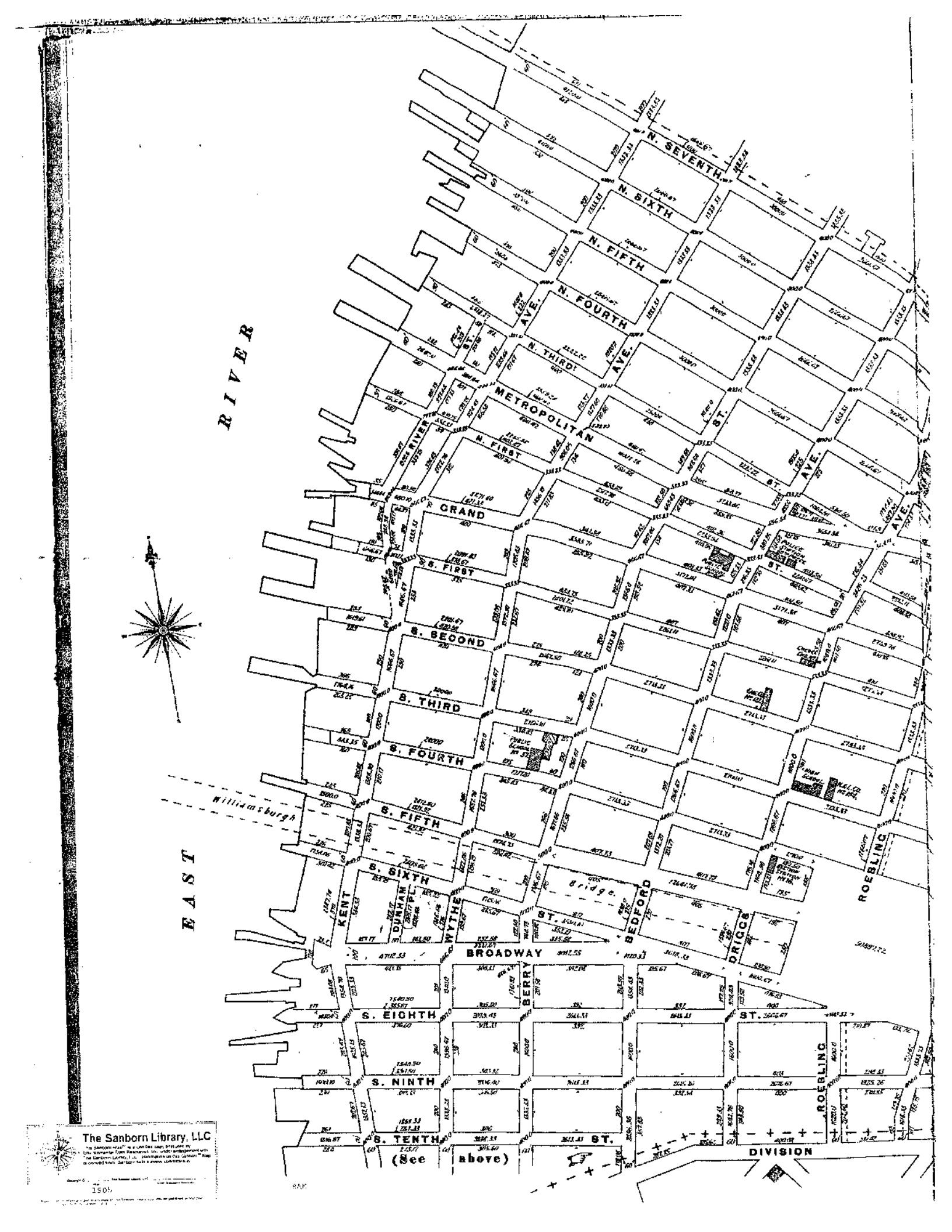


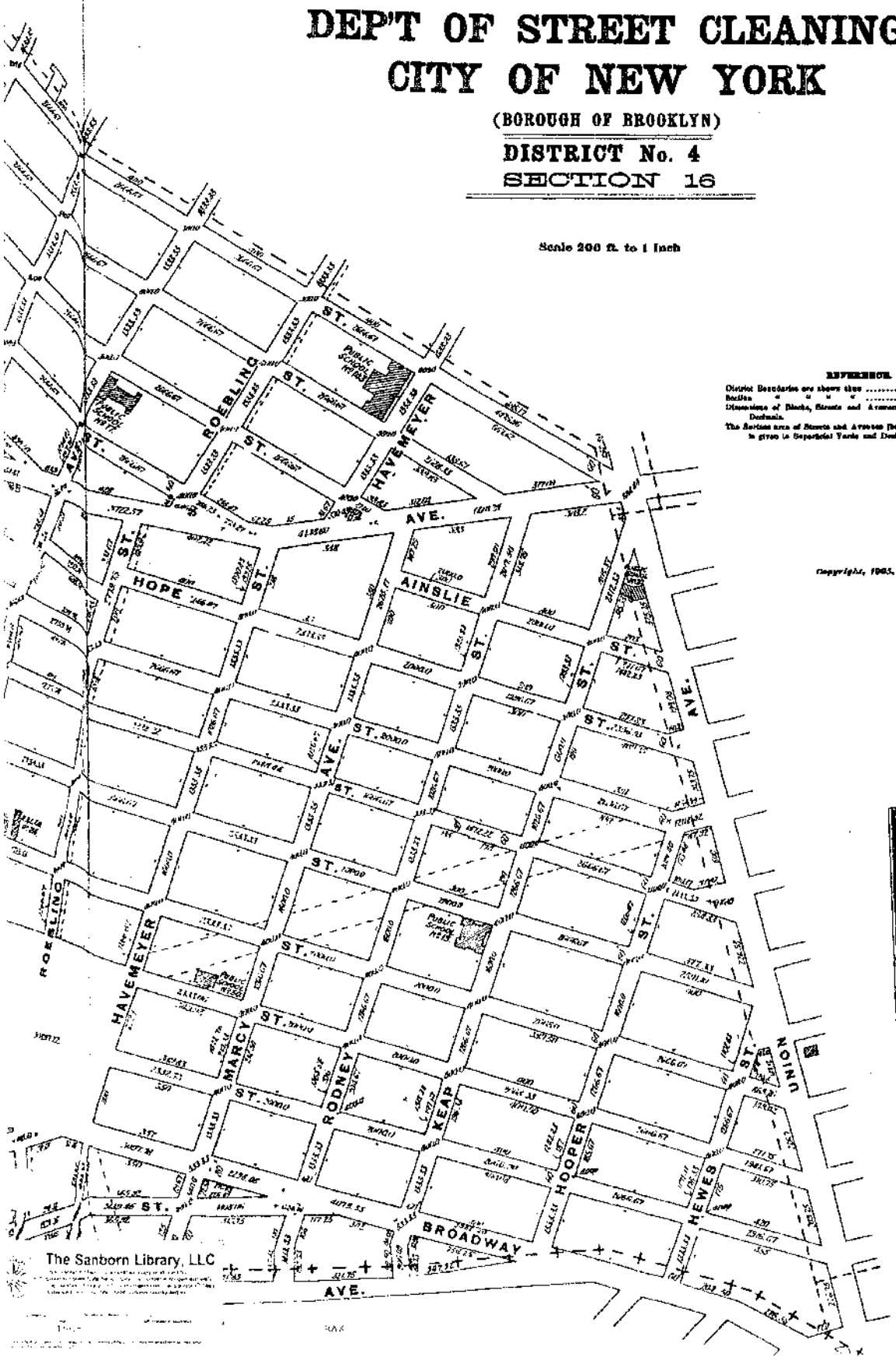
The Sanborn Library, LLC

DEP'T OF STREET CLEANING
CITY OF NEW YORK

(BOROUGH OF BROOKLYN)

DISTRICT No. 4
SECTION 16

Scale 200 ft. to 1 Inch



REFERENCE

District Boundaries are shown thus .....——+——+——

Section " " " " .....— — — — —

Dimensions of Blocks, Streets and Avenues are given in Feet and Decimals.

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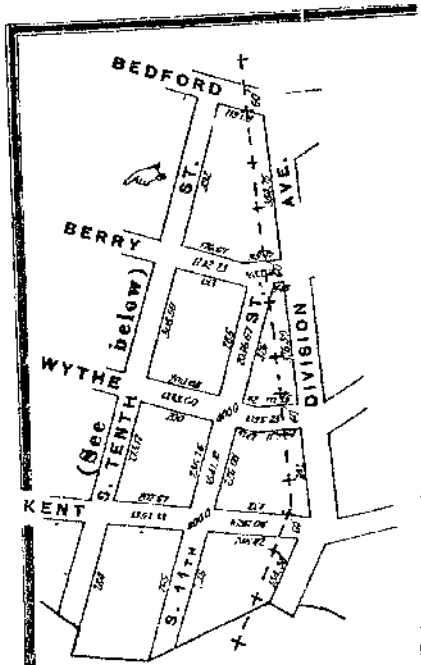

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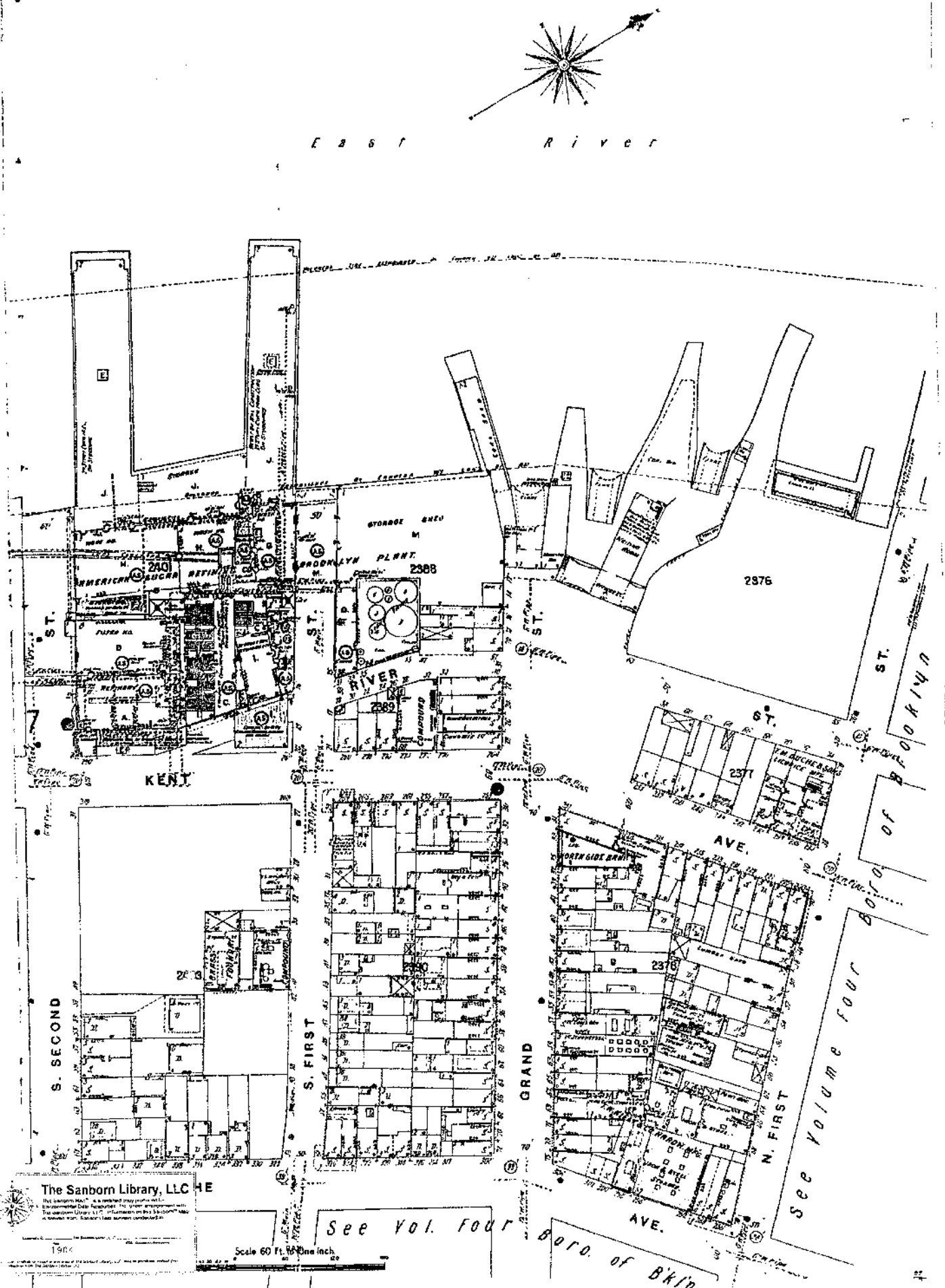

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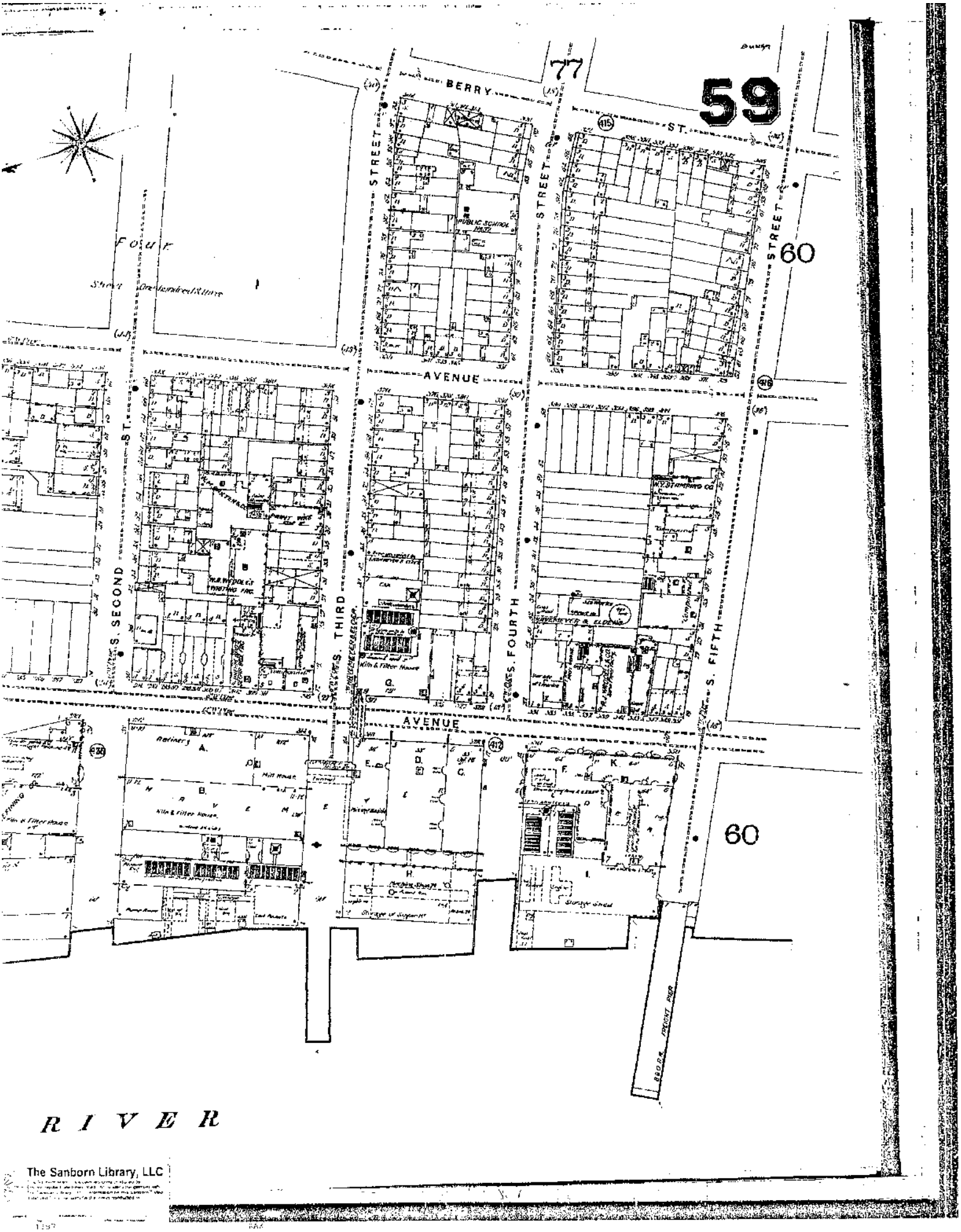
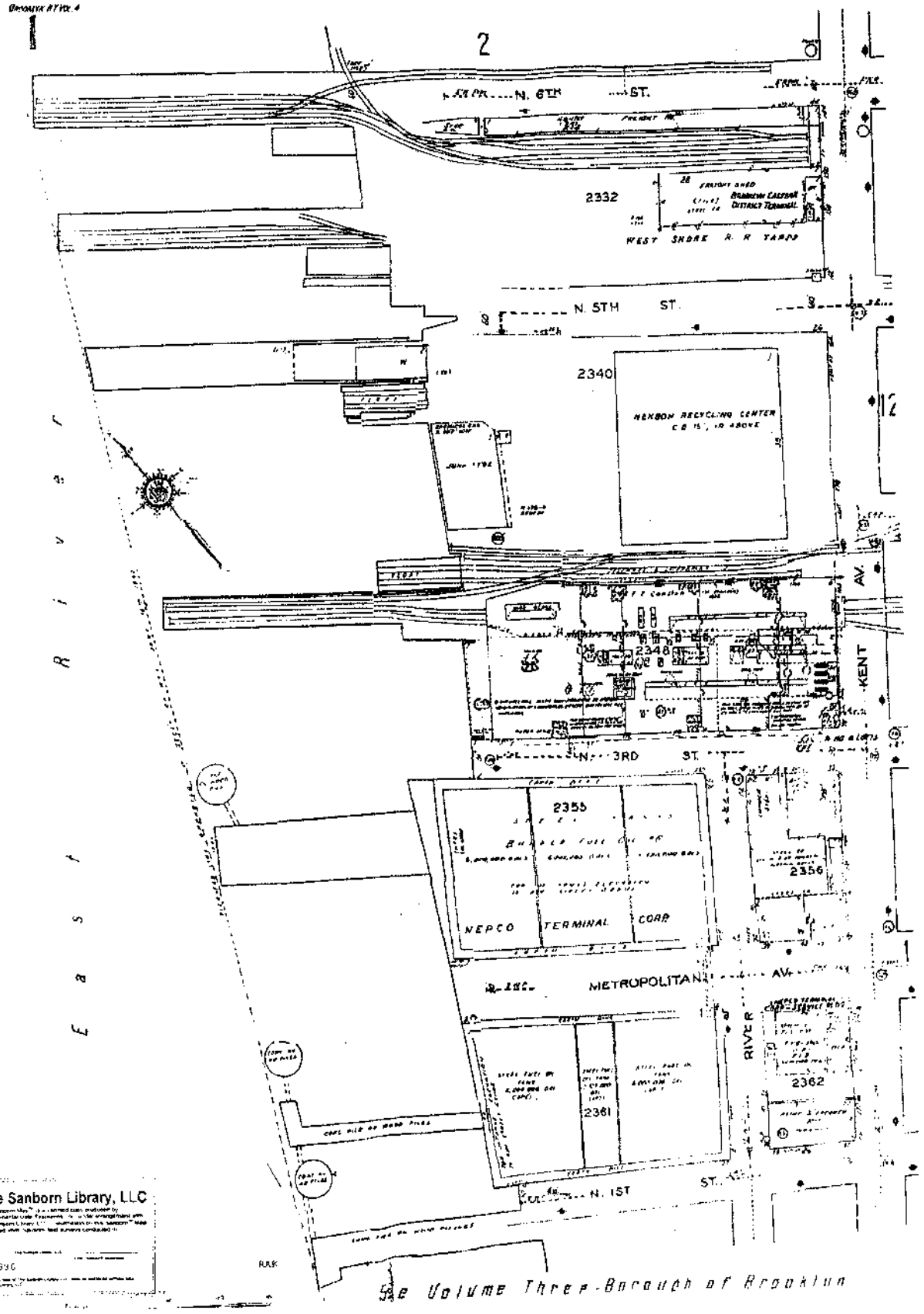


The Sanborn Library, LLC



The Sanborn Library, LLC



The Sanborn Library, LLC

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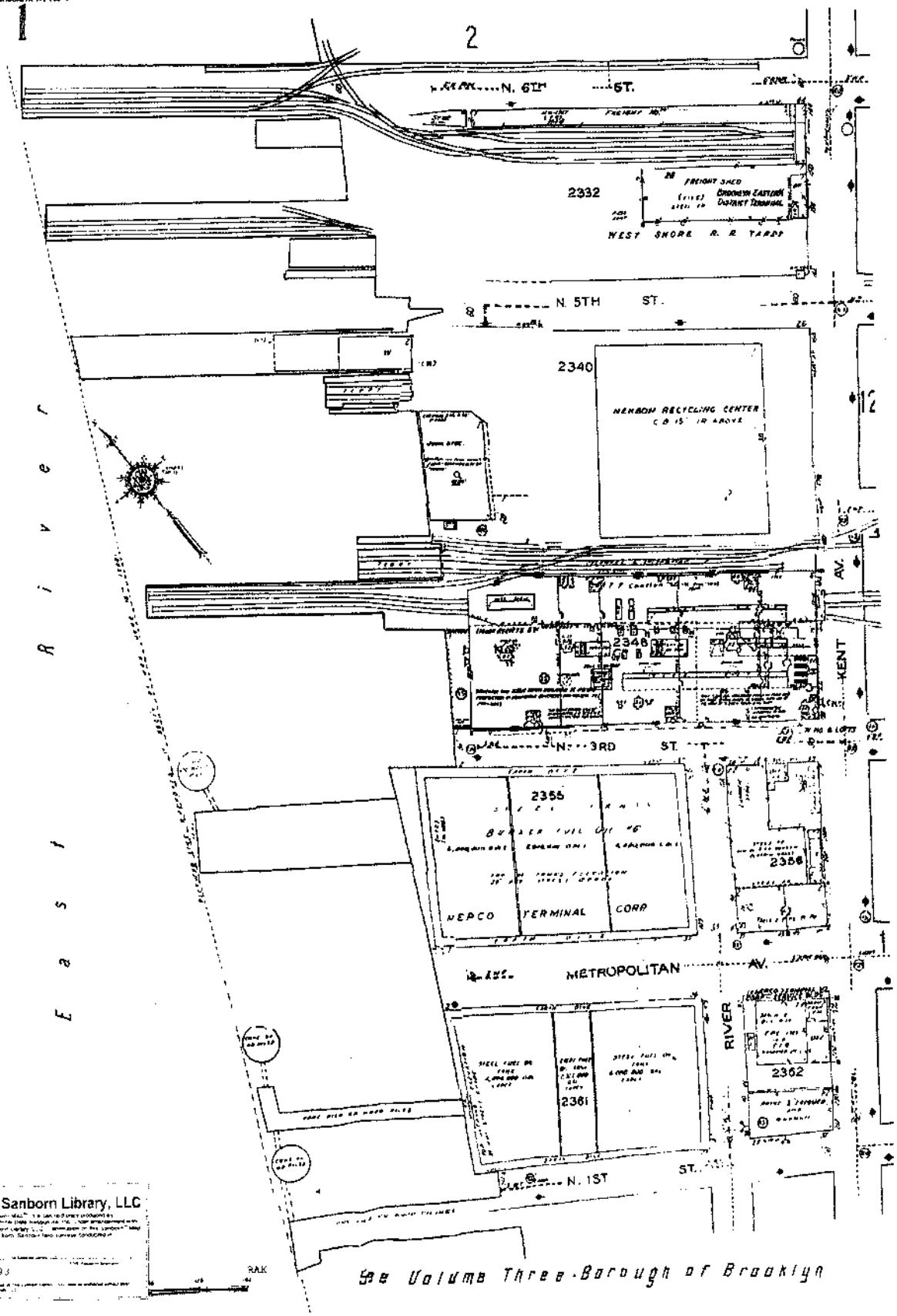

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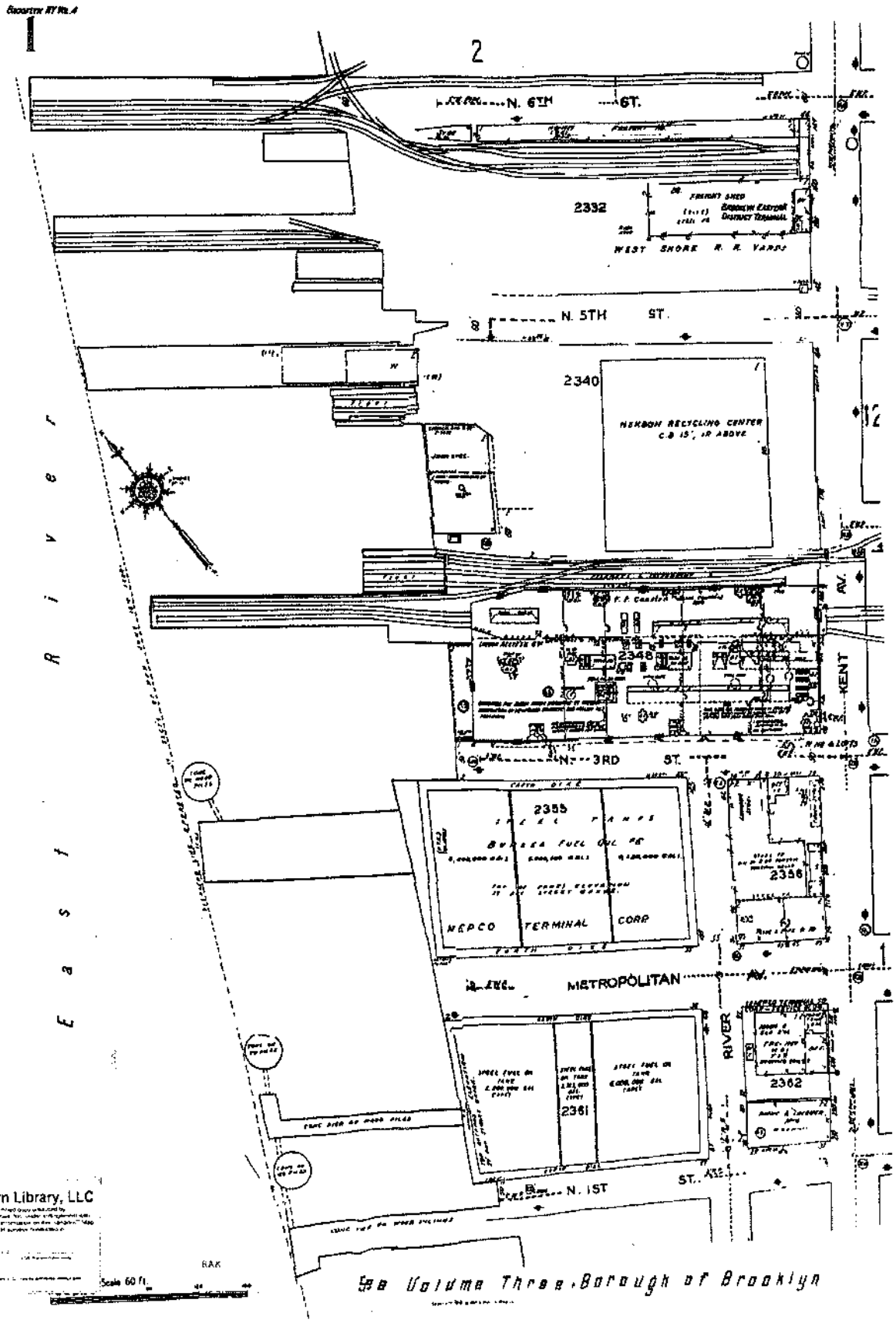
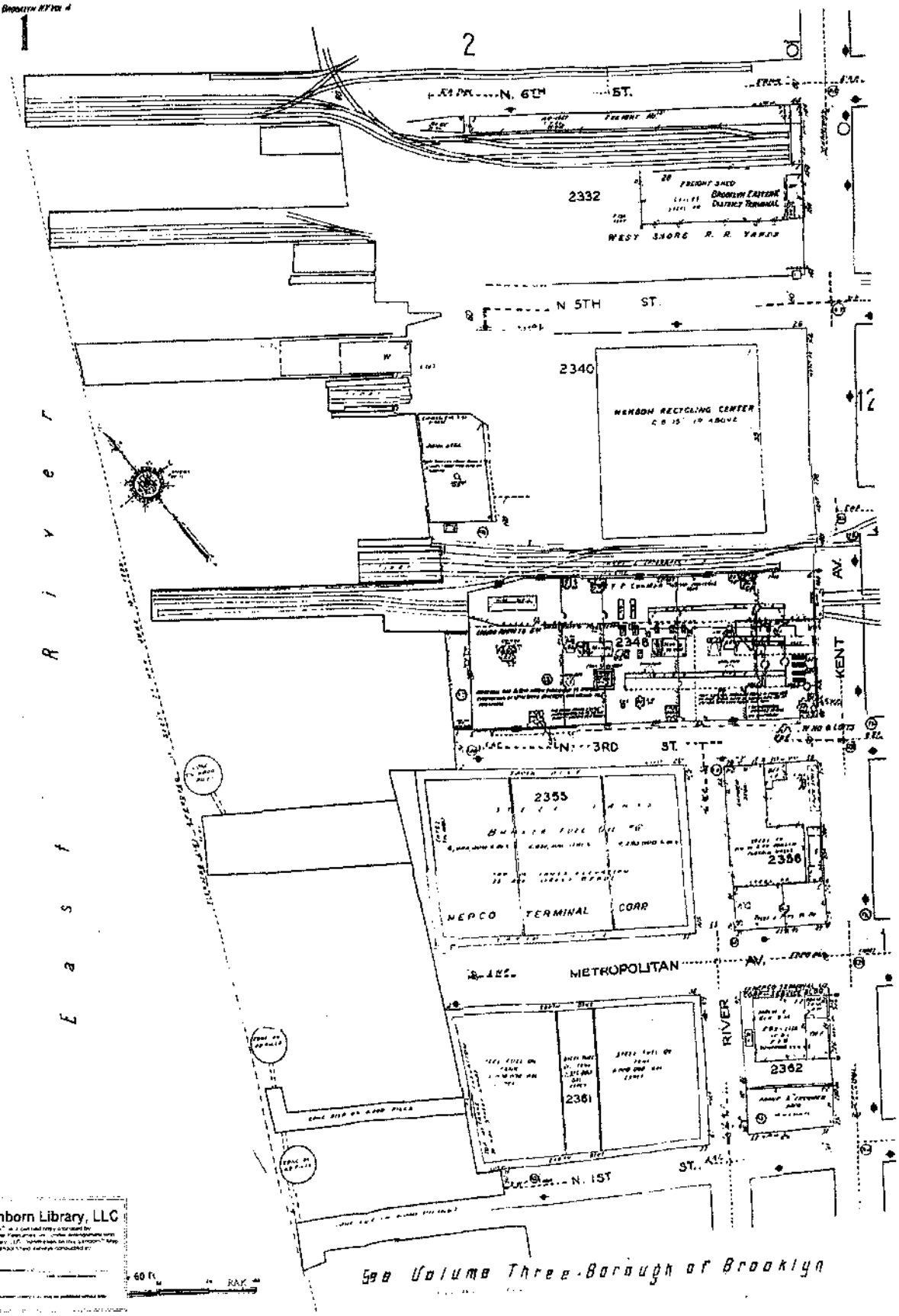
See Volume Three - Borough of Brooklyn



The Sanborn Library, LLC

Scale 60 ft.

See Volume Three, Borough of Brooklyn



The Sanborn Library, LLC
1991

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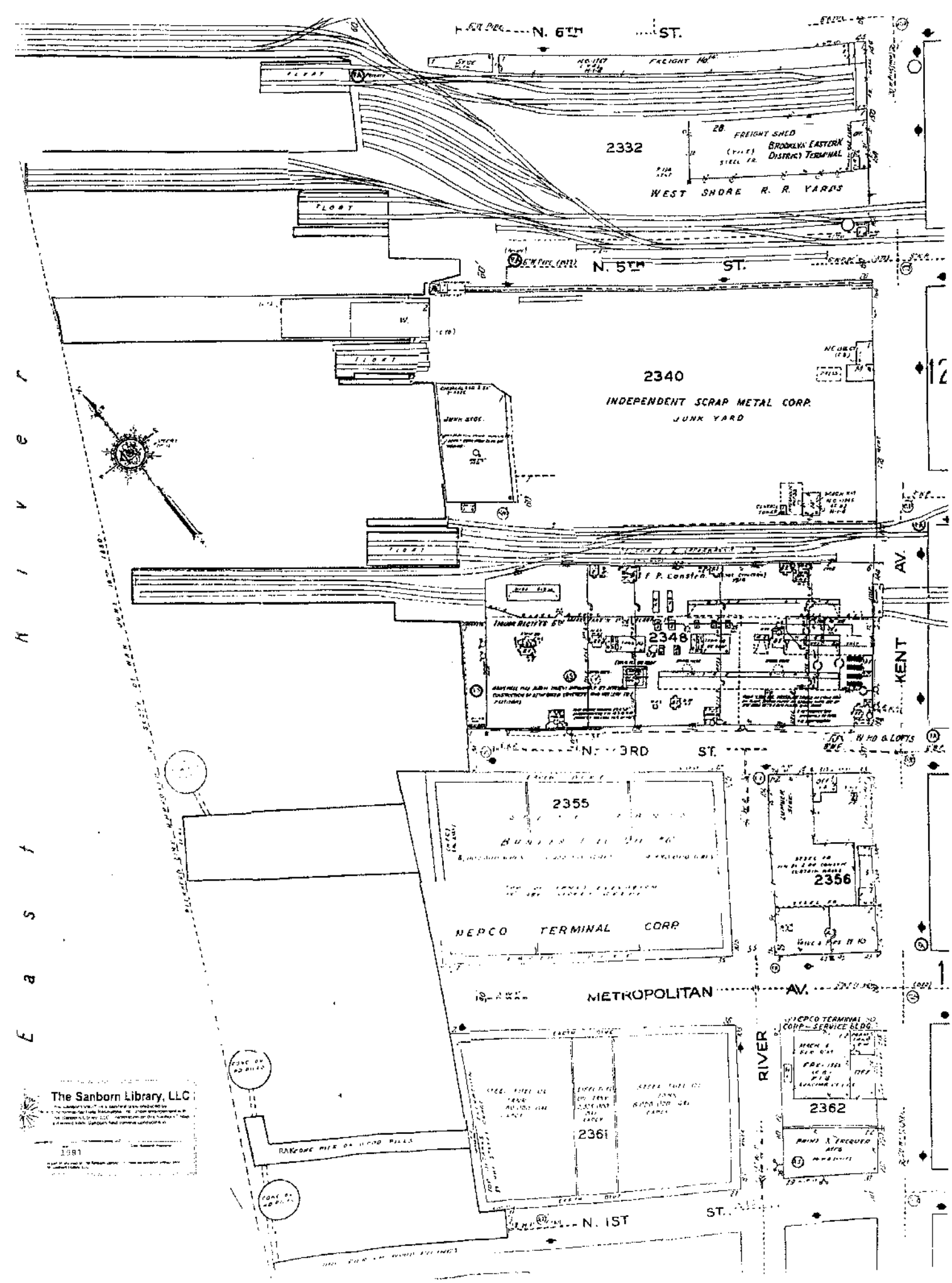
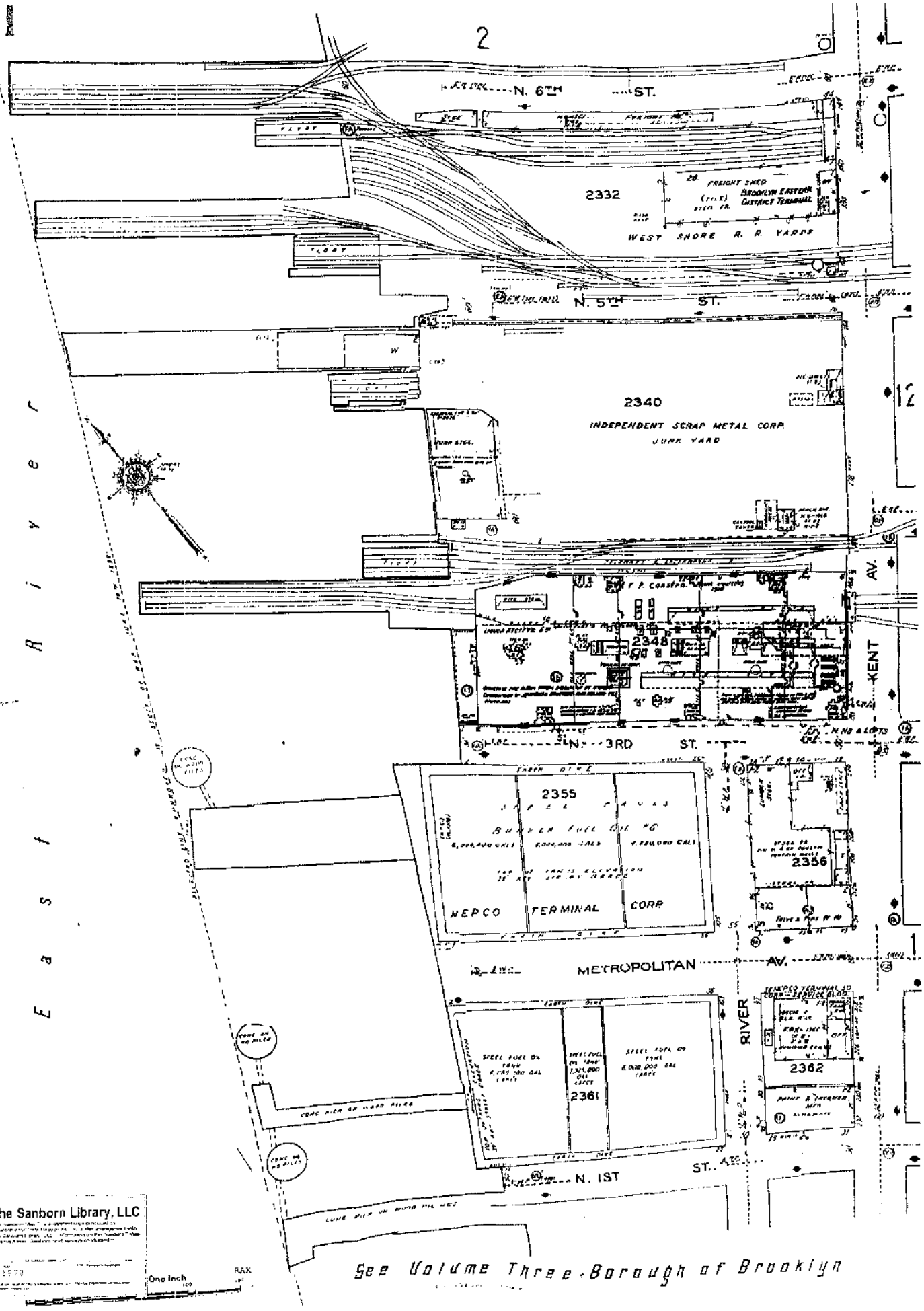


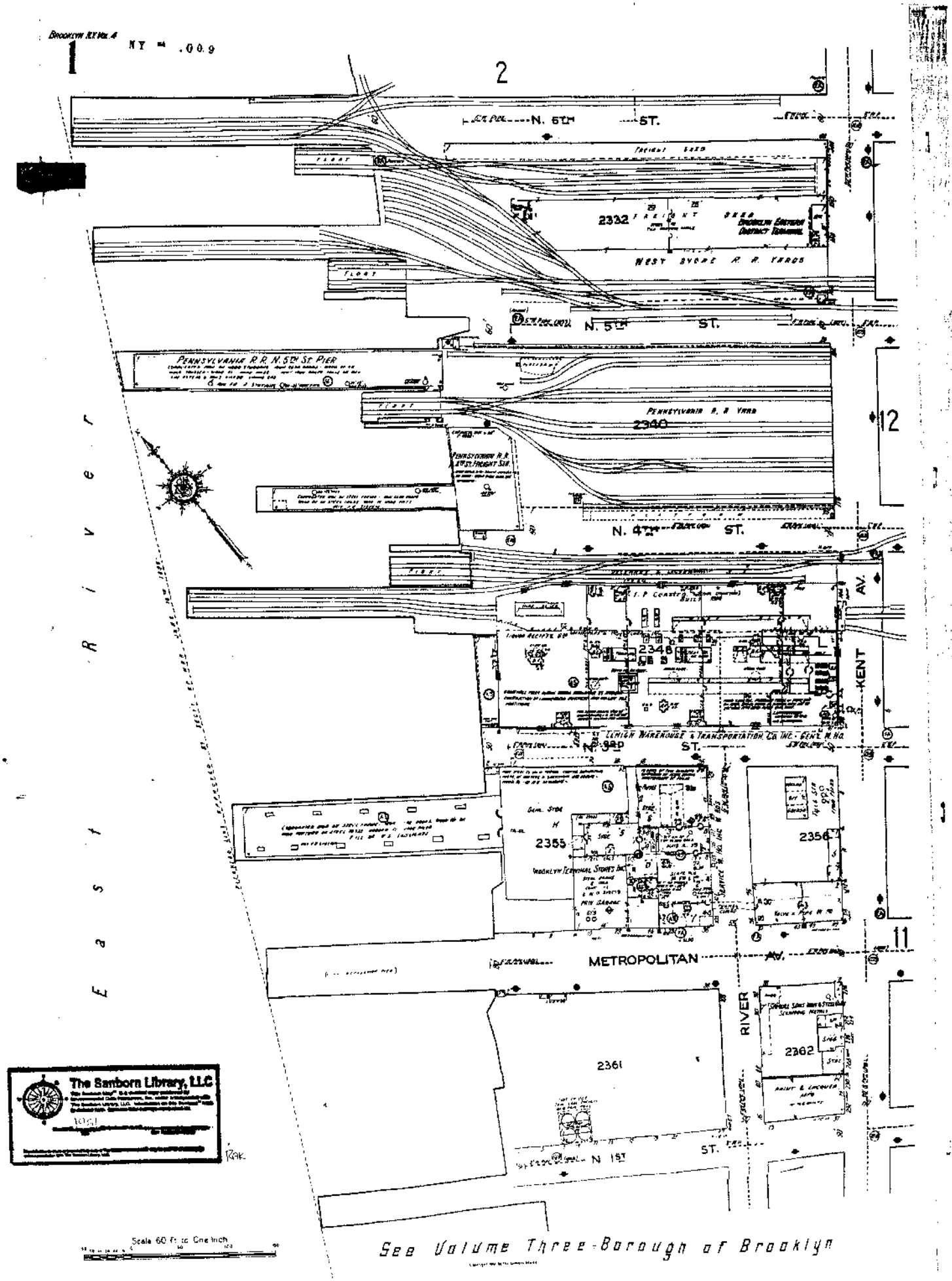
The Sanborn Library, LLC

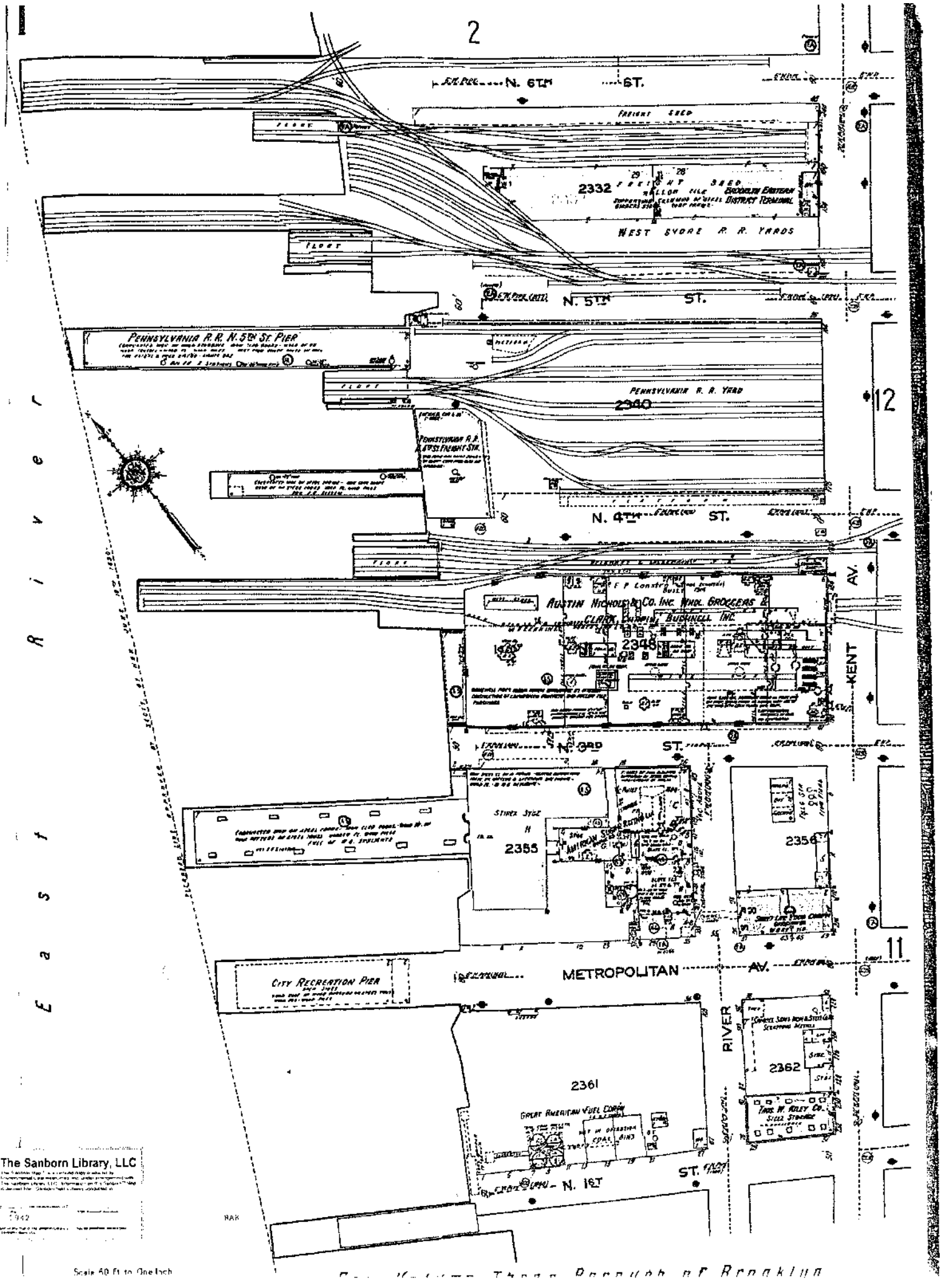


The Sanborn Library, LLC

One Inch

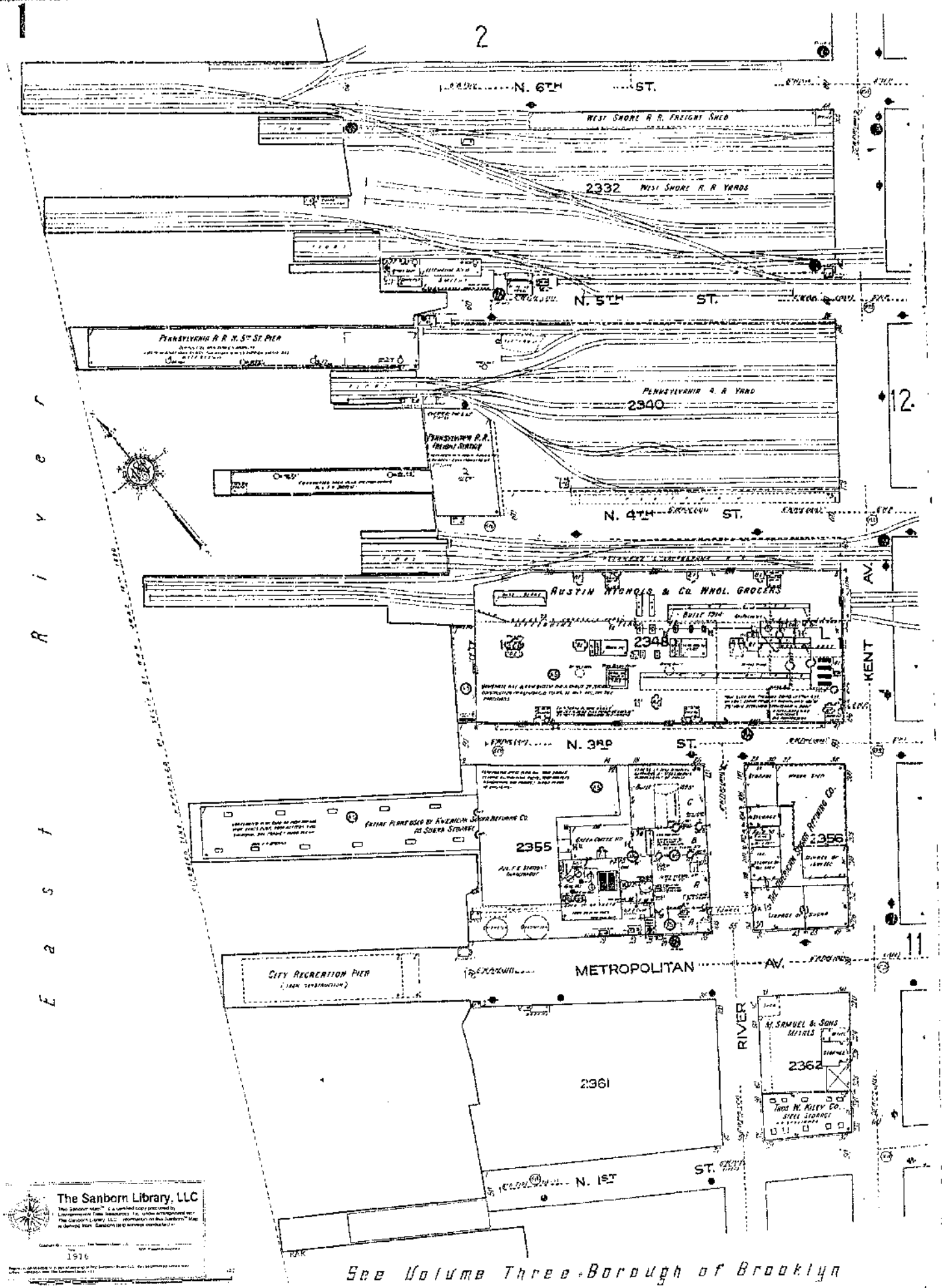
See Volume Three - Borough of Brooklyn


2
1
12
11
N. 6TH ST.
N. 5TH ST.
N. 4TH ST.
N. 3RD ST.
N. 1ST ST.
PENNSYLVANIA R.R. N. 5TH ST. PIER
PENNSYLVANIA R. R. YARDS
2340
2332
WEST SIDE R. R. YARDS
2348
2355
2356
2361
2362
KENT AV.
METROPOLITAN AV.
RIVER
East River
LEHIGH WAREHOUSE & TRANSPORTATION CO. INC. - GEN'L. M. NO.
BROOKLYN TERMINAL STORES INC.
The Sanborn Library, LLC
Scale 60 Feet to One Inch
See Volume Three - Borough of Brooklyn



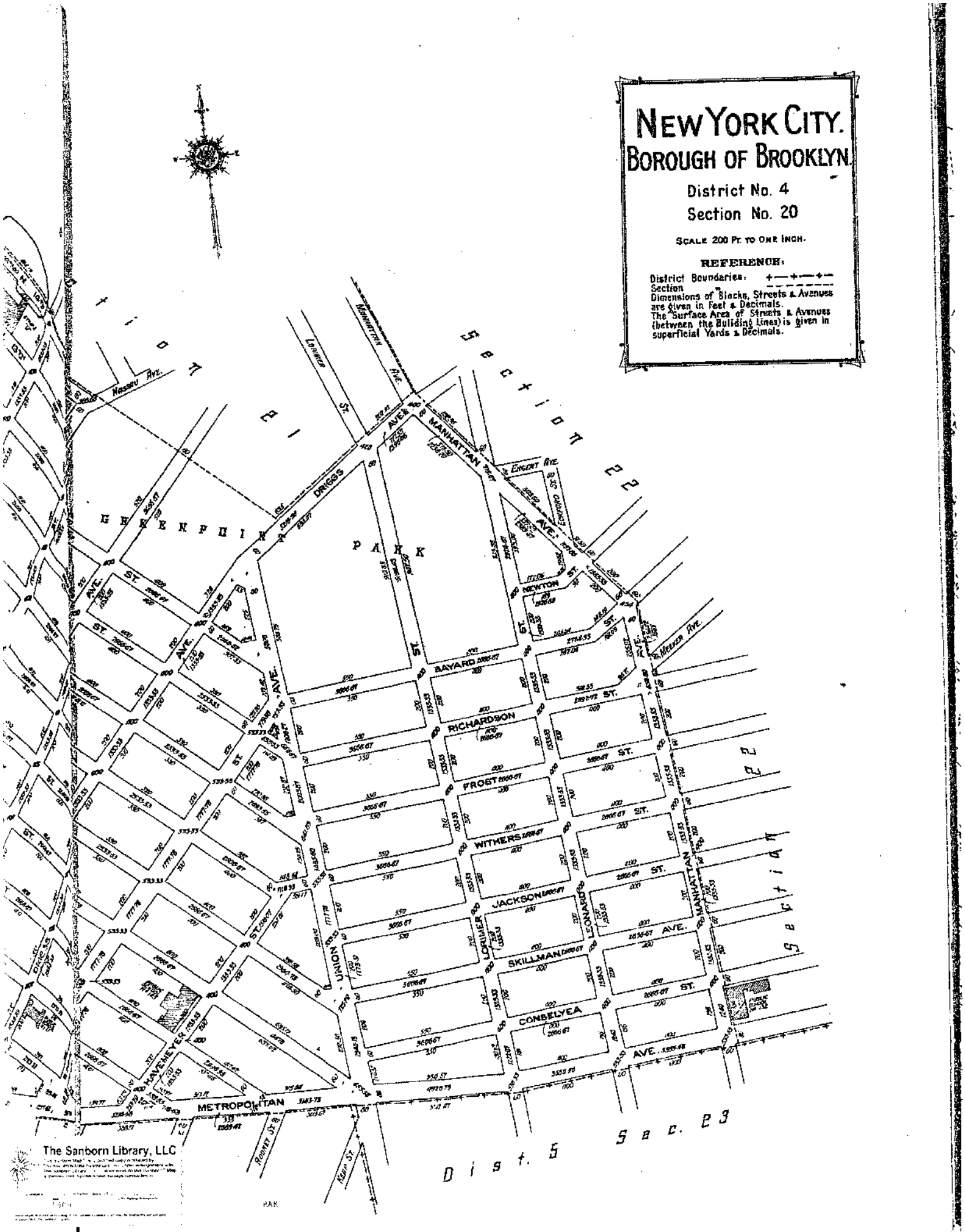
The Sanborn Library, LLC

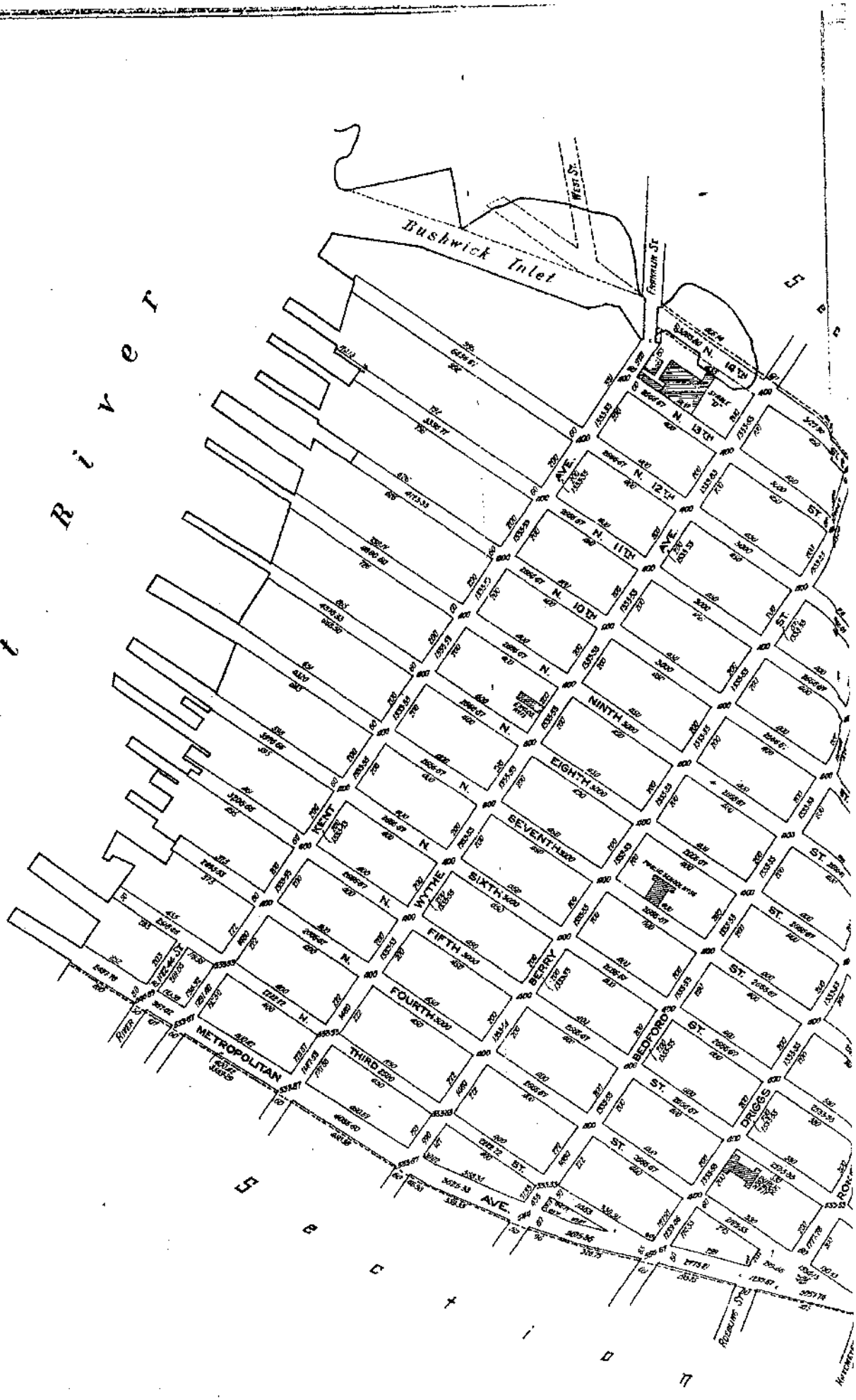
Scale 50 Ft. to One Inch



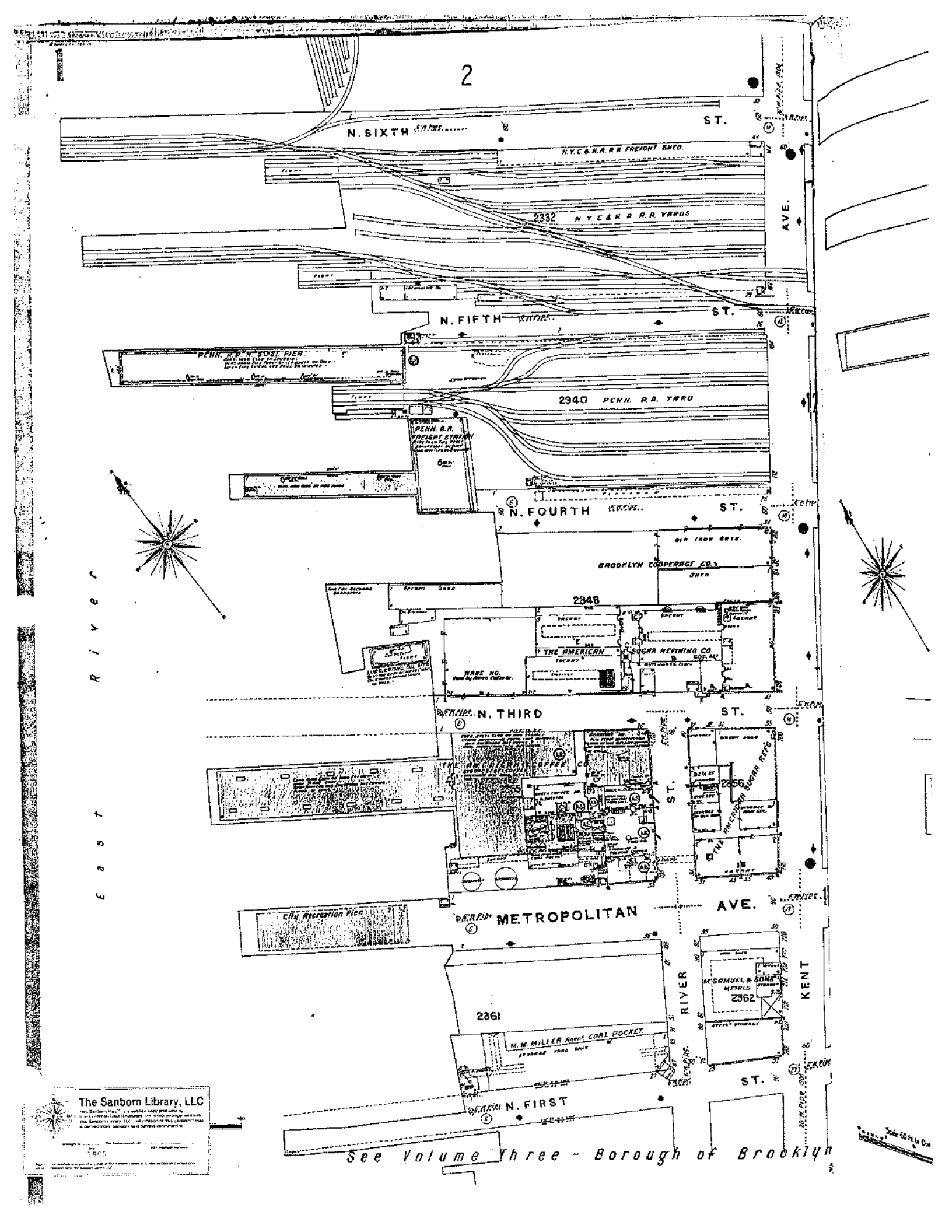
The Sanborn Library, LLC
1916

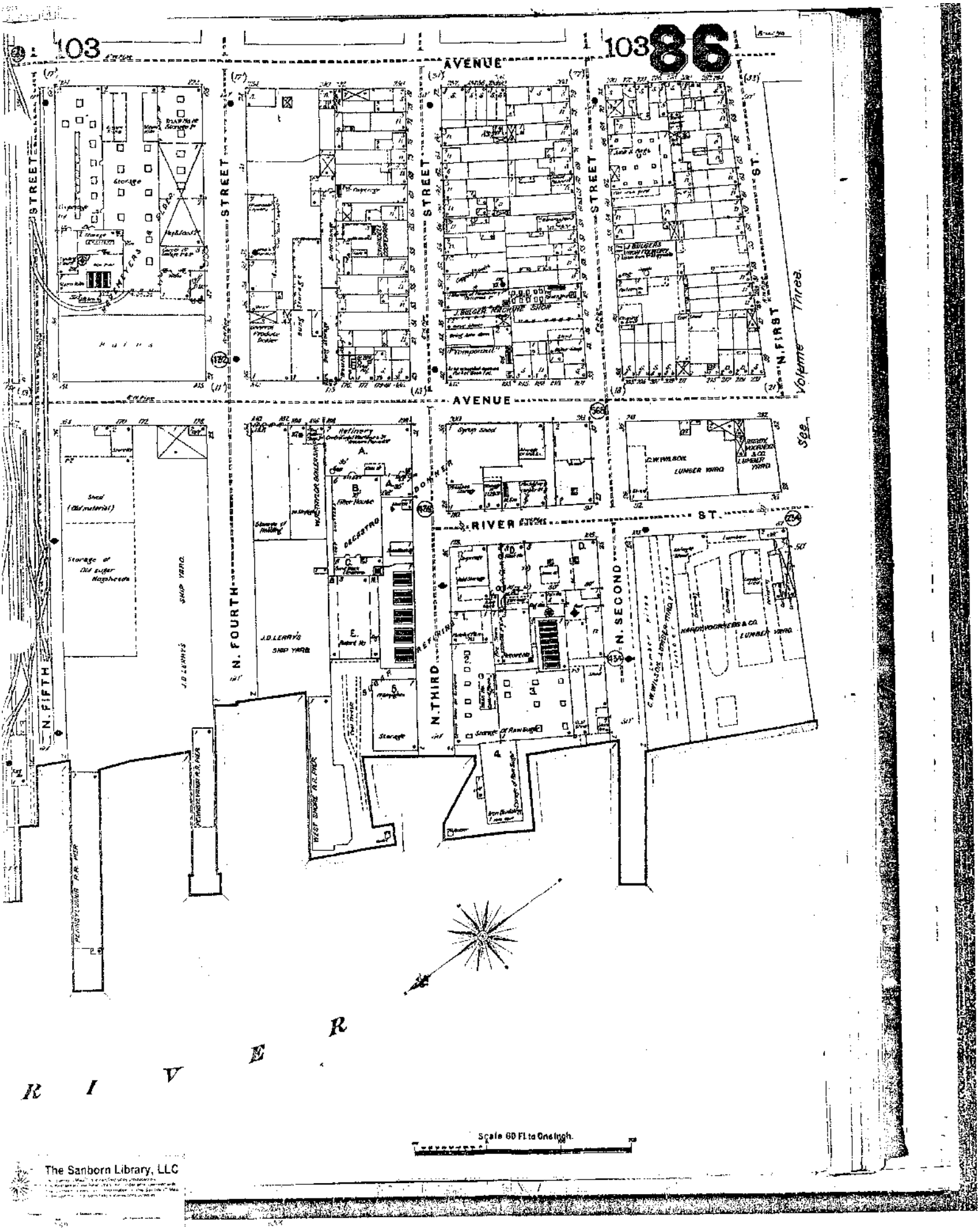
See Volume Three - Borough of Brooklyn


NEW YORK CITY.
BOROUGH OF BROOKLYN.
District No. 4
Section No. 20
SCALE 200 FT. TO ONE INCH.
REFERENCE:
District Boundaries. +—+—+—+—
Section "
Dimensions of Blocks, Streets & Avenues are given in Feet & Decimals.
The Surface Area of Streets & Avenues (between the Building Lines) is given in superficial Yards & Decimals.
Section 21
Section 22
Section 23
Dist. 5 Sec. 23
PARK
MANHATTAN AVE.
DRIGGS
NEWTON
BAYARD
RICHARDSON
FROST
WITHERS
JACKSON
SKILLMAN
CONSELYEA
METROPOLITAN
HAVEMEYER
UNION
LORIMER
LEONARD
MANHATTAN AVE.
NASSAU AVE.
GREENPOINT
The Sanborn Library, LLC



The Sanborn Library, LLC


2
N. SIXTH ST.
N.Y.C.&H.R.R.R. FREIGHT SHED.
2332 N.Y.C.&H.R.R.R. YARDS
AVE.
N. FIFTH ST.
PENN. R.R. N. 33RD ST. PIER
2340 PENN. R.R. YARD
PENN. R.R. FREIGHT STATION
N. FOURTH ST.
BROOKLYN COOPERAGE CO.'s SHED
2348
THE AMERICAN SUGAR REFINING CO.
East River
N. THIRD ST.
THE AMERICAN COFFEE CO.
2355
2356
THE AMERICAN SUGAR REFG. CO.
City Recreation Pier
METROPOLITAN AVE.
RIVER
KENT
SAMUEL & SONS METALS
2362
2361
M. M. MILLER Agent, COAL POCKET
N. FIRST ST.
See Volume Three - Borough of Brooklyn
The Sanborn Library, LLC
1905

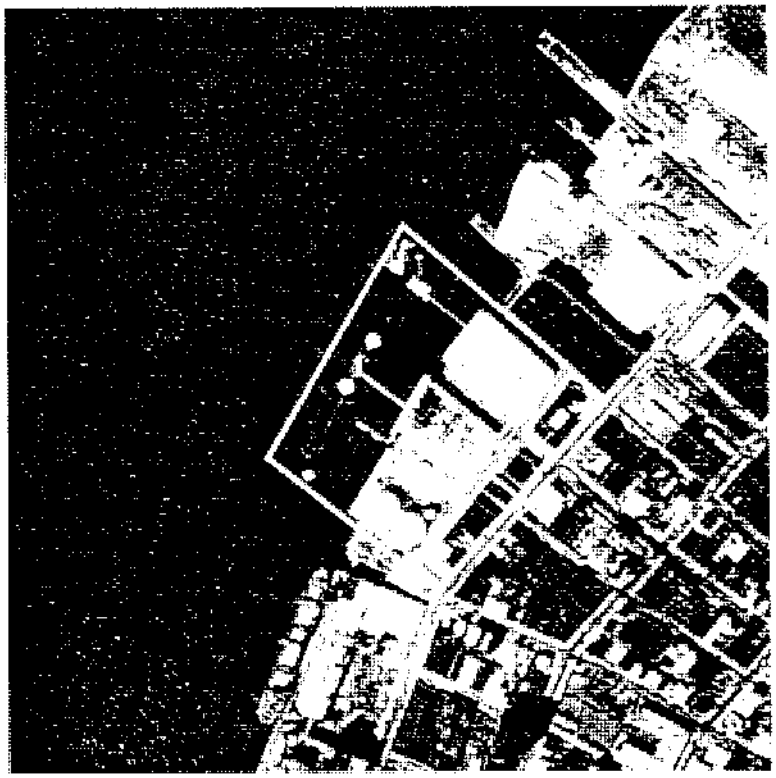


The Sanborn Library, LLC

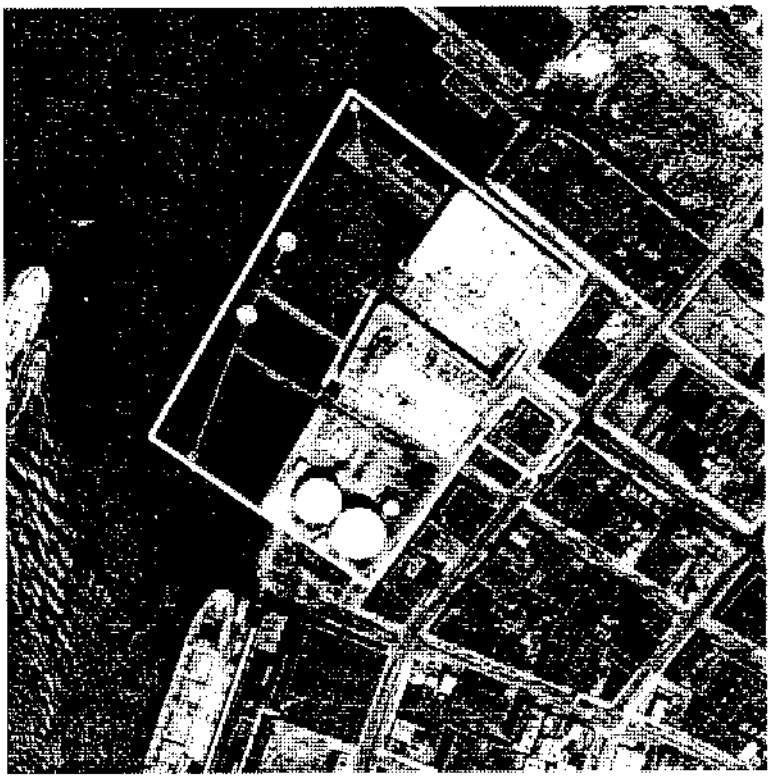
H2MGROUP

APPENDIX B

AERIAL PHOTOGRAPHS



1994



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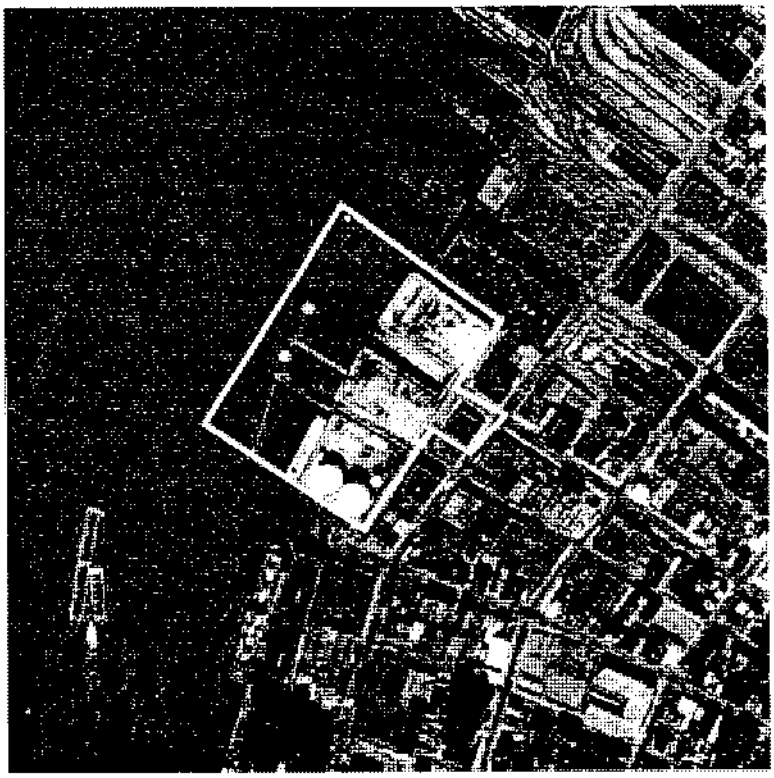
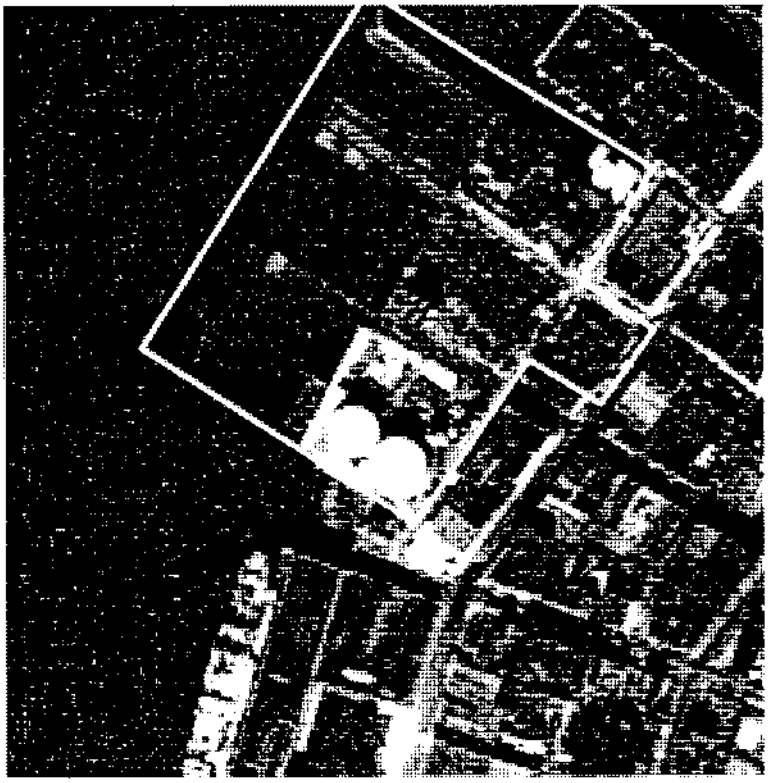


1975



1954

H2M GROUP

APPENDIX C

ENVIRONMENTAL DATABASE REPORT

The EDR-Radius Map
with GeoCheck®

North 1st St Oil Terminal
North 1st St Oil Terminal
Brooklyn, NY 11211

Inquiry Number: 380021.1s

June 15, 1999

Environmental Data Resources, Inc.
an edr company

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Topographic Map	2
GeoCheck Summary	3
Overview Map	5
Detail Map	6
Map Summary - All Sites	7
Map Summary - Sites with higher or the same elevation as the Target Property	8
Map Findings	9
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APPENDICES

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EPA Waste Codes	A4
Government Records Searched / Data Currency Tracking Addendum	A6

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

NORTH 1ST ST OIL TERMINAL
BROOKLYN, NY 11211

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

NPL:	National Priority List
Delisted NPL:	NPL Deletions
CERC-NFRAP:	Comprehensive Environmental Response, Compensation, and Liability Information System
SWF/LF:	Facility Register
AST:	Petroleum Bulk Storage (AST)
RAATS:	RCRA Administrative Action Tracking System
HMIRS:	Hazardous Materials Information Reporting System
PADS:	PCB Activity Database System
TRIS:	Toxic Chemical Release Inventory System
NPL Lien:	NPL Liens
TSCA:	Toxic Substances Control Act
MLTS:	Material Licensing Tracking System
HSWDS:	Hazardous Substance Waste Disposal Site Inventory
VCP:	Voluntary Cleanup Agreement
ROD:	ROD
CONSENT:	Superfund (CERCLA) Consent Decrees
MINES:	Mines Master Index File

Unmapped (orphan) sites are not considered in the foregoing analysis.

Search Results:

Search results for the subject property and the search radius, are listed below:

Subject Property:

The subject property was identified in the following government records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
NORTH 1ST ST TERMINAL NORTH 1ST ST / KENT AVE NEW YORK CITY, NY	NY Spills LUST	N/A
NORTH 1ST ST TERMINAL 214 KENT AVE BROOKLYN, NY	NY Spills LUST	N/A
CON EDISON BUILDING 214 KENT AVE BROOKLYN, NY	NY Spills	N/A

CON EDISON - NORTH 1ST STREET TERMINAL 214 KENT AVE BROOKLYN, NY 11222	FINDS RCRIS-LQG	NYD986931624
CON EDISON - NORTH FIREST TERMINAL 214 KENT AVE BROOKLYN, NY 11211	FINDS RCRIS-LQG	NYD084077411
NORTH 1ST STREET NORTH 1ST STREET BROOKLYN, NY	ERNS	N/A
NORTH 1ST STREET TERMINAL NORTH 1ST STREET BROOKLYN, NY	NY Spills	N/A
NORTH 1ST STREET TERMINAL NORTH 1ST STREET TERMINAL BROOKLYN, NY	ERNS	N/A
NORTH 1ST ST TERMINAL N FIRST ST / KENT AV BRROKLYN, NY	LUST	N/A
CON ED FUEL DEPOT 214 KENT AVE BROOKLYN, NY	NY Spills	N/A
NORTH FIRST STREET FUEL OIL TERMINAL 214 KENT AVE BROOKLYN, NY 11222	MOSF UST CBS AST MOSF AST	N/A
NORTH 1ST ST AND KENT AVE NORTH 1ST ST AND KENT AVE BROOKLYN, NY	ERNS	N/A
NORTH FIRST STREET 214 KENT AVE BROOKLYN, NY	NY Spills	N/A

EXECUTIVE SUMMARY

Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-TSD list, as provided by EDR, and dated 04/26/1999 has revealed that there is 1 RCRIS-TSD site within approximately 0.5 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
RADIAC RESEARCH CORP	***33 S FIRST ST***	***1/8 - 1/4 S***	***H29***	***46***

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the SHWS list, as provided by EDR, has revealed that there is 1 SHWS site within approximately 1 mile of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BQE/ANSBACHER COLOR & DYE FACT	MEEKER AVENUE	1/2 - 1 E	59	75

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).
CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 04/21/1999 has revealed that there are 2 CERCLIS sites within approximately 0.5 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SERVICE PLATING CO LTD	***154 N 7TH ST***	***1/4 - 1/2 E***	***M49***	***69***
EAST RIVER	***NO FIXED ADDRESS***	***1/4 - 1/2 N***	***55***	***74***

EXECUTIVE SUMMARY

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/01/1999 has revealed that there is 1 CORRACTS site within approximately 1 mile of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
RADIAC RESEARCH CORP	***33 S FIRST ST***	***1/8 - 1/4 S***	***H29***	***46***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Conservation's Spills Information Database.

A review of the LUST list, as provided by EDR, and dated 01/01/1999 has revealed that there are 11 LUST sites within approximately 0.5 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
46-11 METROPOLITAN AVE	46-11 METROPOLITAN AVE	0 - 1/8 ESE	B14	23
D61 KENT AVE. BKLYN/RADIA	261 KENT AVE.	1/8 - 1/4 SSW	F24	43
USA WASTE OF NYC	2 N 5TH ST	1/8 - 1/4 NE	I32	51
SOUTH 2ND AVE & KENT AVE	SOUTH 2ND AVE / KENT	1/8 - 1/4 SSW	37	54
65 SOUTH 3RD STREET	65 SOUTH 3RD STREET	1/4 - 1/2 S	46	67
146 WYTHE AVE/BROOKLYN	146 WYTHE AVENUE	1/4 - 1/2 ENE	47	67
154-158 NORTH 7TH ST/BKLY	154-158 N 7TH ST	1/4 - 1/2 E	M48	68
CHROMIUM PLATING & POLISHING C	***373 WYTHE AVE***	***1/4 - 1/2 S***	***50***	***70***
ST. VINCENT CHURCH/BKLYN	167 NORTH 5TH STREET	1/4 - 1/2 ESE	51	72
WILLIAMSBURG BRIDGE DOT	372 KENT AVE	1/4 - 1/2 SSW	52	72
390 KENT AVE/BKLYN	390 KENT AVE	1/4 - 1/2 SSW	54	73

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 01/01/1999 has revealed that there are 9 UST sites within approximately 0.25 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
KENT 240 CO	240 KENT AVE	0 - 1/8 S	C18	35
SANDOR SCHWART 2	50 5 4TH ST	0 - 1/8 NE	20	36
KENT ASSOCIATES	259 KENT AVE	1/8 - 1/4 SSW	D21	37
METRO REALTY	100 METROPOLITAN AVE	1/8 - 1/4 ESE	E23	42
USA WASTE SERVICES, INC.	2 N 5TH ST	1/8 - 1/4 NE	I31	48
G & S DESIGNS, INC.	314-326 WYTHE AVE	1/8 - 1/4 SSE	34	52
GARSHING CO., ZND.	201 BERRY ST	1/8 - 1/4 ESE	K41	57
SCHIFF FOOD PRODUCTS	190 BERRY ST (107 N 3RD	1/8 - 1/4 ESE	K42	58
MONTROSE SUPPLY & EQUIP CO	***71 N 6TH ST***	***1/8 - 1/4 ENE***	***L45***	***59***

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 04/26/1999 has revealed that there are 10 RCRIS-SQG sites within approximately 0.25 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ROHNER FURNITURE INC	*100 METROPOLITAN AVE*	*1/8 - 1/4 ESE*	*E22*	*42*
RADIAC RESEARCH CORP	*261 KENT AVE*	*1/8 - 1/4 SSW*	*F25*	*44*
TRIBORO SHELVING & PARTITION	*296 WYTHE AVE*	*1/8 - 1/4 SSE*	*G26*	*44*
UNICO SERVICE CORP	*2575 CONEY ISLAND AVE -*	*1/8 - 1/4 SSE*	*G27*	*45*
COUGAR ELECTRONICS CORP	*240 WYTHE AVE*	*1/8 - 1/4 E*	*28*	*45*
RADIAC RESEARCH CORP	*33 S FIRST ST*	*1/8 - 1/4 S*	*H29*	*46*
LEXA METAL CORP	*303 WYTHE AVE*	*1/8 - 1/4 S*	*J38*	*55*
CENTURY WASTE SYSTEMS INC	*57 N 6TH ST*	*1/8 - 1/4 ENE*	*40*	*56*
SPECTRONICS ELECTROPLATING COR	*66 S 2ND ST*	*1/8 - 1/4 S*	*43*	*59*
MONTROSE TEXTILE MACHINERY CO	*71 N 6TH ST*	*1/8 - 1/4 ENE*	*L44*	*59*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 04/26/1999 has revealed that there are 6 RCRIS-LQG sites within approximately 0.25 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
M & K GAS & AUTO REPAIRS INC	*50-02 METROPOLITAN AVE*	*0 - 1/8 ESE*	*B15*	*23*
FYN PAINT & LACQUER CO INC	*230 KENT AVE*	*0 - 1/8 S*	*C17*	*25*
NYSDOT - B Q E BRIDGES	*KENT AVE & GRAND ST*	*0 - 1/8 SSW*	*D19*	*36*
GARCIA-RIVERA PROPERTY	*98 N 1ST ST*	*1/8 - 1/4 SE*	*33*	*52*
STATE PIPE & NIPPLE CORP	*185 WYTHE AVE*	*1/8 - 1/4 E*	*35*	*53*
H & B PLASTICS PLATING	*299 WYTHE AVE*	*1/8 - 1/4 S*	*J36*	*53*

CBS UST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS UST list, as provided by EDR, and dated 01/01/1999 has revealed that there are 3 CBS UST sites within approximately 0.25 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BLISS & TANNENBAUM, L.P.	58 METROPOLITAN AVE	0 - 1/8 ESE	B16	24
FYN PAINT & LACQUER CO INC	*230 KENT AVE*	*0 - 1/8 S*	*C17*	*25*
RADIAC ENVIRONMENTAL SERVICES	33 S 1ST ST	1/8 - 1/4 S	H30	47

EXECUTIVE SUMMARY

CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS AST list, as provided by EDR, and dated 01/01/1999 has revealed that there are 2 CBS AST sites within approximately 0.25 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FYN PAINT & LACQUER CO INC	*230 KENT AVE*	*0 - 1/8 S*	*C17*	*25*
49 SOUTH 2ND ST/BKLYN	*49 S 2ND ST*	*1/8 - 1/4 S*	*39*	*55*

(Coal Gas) Former Manufactured gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there are 4 Coal Gas sites within approximately 1 mile of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WILLIAMSBURGH GAS LIGHT CO.	41 N. 11TH ST.	1/4 - 1/2 NE	53	73
NEW YORK MUTUAL GAS CO.	142 AVENUE D	1/2 - 1 NW	56	75
NEW YORK MUTUAL GAS LIGHT CO.	156 AVENUE D	1/2 - 1 NW	57	75
NASSAU GAS LIGHT CO.	540 KENT AVE.	1/2 - 1 S	58	75

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
BROOKLYN BOROUGH GAS WORKS, CONEY	SHWS
NYCDOS @ 52ND ST BROOKLYN	SWF/LF
21 ST PAUL'S COURT	LUST
101 ST & 4TH AVE	LUST
GETTY SVCE STATION	LUST
ROADWAY	LUST
1402 8TH AVE/ARMORY	LUST
6418 8TH AVE/GETTY	LUST
118 8TH AVENUE	LUST
AMOCO	LUST
801 BEDFORD AVE/MERIT	LUST
1415 BERGEN ST/NYCTA	LUST
RED HOOK TERMINAL	LUST
BQE @ 56TH ST EXIT	LUST
3147 BROADWAY	LUST
1633 CENTER ST	LUST
280 DOUGLAS ST/PENSKE	LUST
FORT HAMILTON EXIT	NY Spills, LUST
HAMILTON AVE & 6TH AVE	NY Spills, LUST
6 MACDONOUGH ST/LEROY	LUST
MARINE HWY BR.- BEAR RT.	LUST
276 ST MARKS AVE/N Y TEL	LUST
PFIZER INC/GERRY ST	LUST
METROPOLITAIN AVE AND	LUST
44-21 9TH ST/NY TEL	LUST
DEL'S AUTO REPAIR	LUST
1848 STEWART ST	LUST
NYCDOT METROPOLITAN AVE BRG #2	RCRIS-SQG, FINDS
722 COURT ST	NY Spills
BUG, PEOPLES WORKS	HSWDS
PEOPLES GAS LIGHT CO.	Coal Gas

TOPOGRAPHIC MAP - 380021.1s - Consolidated Edison Company



- Major Roads
- Contour Lines
- Waterways
- Earthquake epicenter, Richter 5 or greater
- Closest Federal Well in quadrant
- Closest State Well in quadrant
- Closest Public Water Supply Well
- Closest Hydrogeological Data

TARGET PROPERTY:	North 1st St Oil Terminal	CUSTOMER:	Consolidated Edison Company
ADDRESS:	North 1st St Oil Terminal	CONTACT:	Ms. Mariela Gonzales
CITY/STATE/ZIP:	Brooklyn NY 11211	INQUIRY #:	380021.1s
LAT/LONG:	40.7173 / 73.9658	DATE:	June 15, 1999 1:51 pm

GEOCHECK VERSION 2.1
SUMMARY

TARGET PROPERTY COORDINATES

Latitude (North):	40.717300 - 40° 43' 2.3"
Longitude (West):	73.965797 - 73° 57' 56.9"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	587351.4
UTM Y (Meters):	4507678.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property:	2440073-F8 BROOKLYN, NY

GEOLOGIC AGE IDENTIFICATION†

Geologic Code:	Oe
Era:	Paleozoic
System:	Ordovician
Series:	Ordovician

ROCK STRATIGRAPHIC UNIT†

Category:	Eugeosynclinal Deposits

GROUNDWATER FLOW INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, including well data collected on nearby properties, regional groundwater flow information (from deep aquifers), or surface topography.‡

AQUIFLOW™** Search Radius: 2.000 Miles

MAP ID	DISTANCE FROM TP	DIRECTION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported			

General Topographic Gradient at Target Property: General WNW
General Hydrogeologic Gradient at Target Property: No hydrogeologic data available.
Site-Specific Hydrogeological Data*:

Search Radius:	2.0 miles
Location Relative to TP:	1 - 2 Miles South
Site Name:	Naval Station Ny
Site EPA ID Number:	NY5170022250
Groundwater Flow Direction:	NOT AVAILABLE.
Measured Depth to Water:	14 feet in a well located 1 mile southeast of the site.
Hydraulic Connection:	Information is not available about the hydraulic connection between the surficial aquifer (upper glacial till) and underlying aquifer(s). Bedrock is present at an estimated depth of 100 feet.
Sole Source Aquifer:	A sole source aquifer is persent at or near the site
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

FEDERAL DATABASE WELL INFORMATION

WELL QUADRANT	DISTANCE FROM TP	LITHOLOGY	DEPTH TO WATER TABLE
Eastern	>2 Miles	Sand	69 ft.
Southern	1 - 2 Miles	Sand	17 ft.

* 1992 Site-specific hydrogeological data gathered by CERCLIS Alert, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s) which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.
† Source: P.G. Schruben, R.E. Arndt, and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.D. Beikman Map. USGS Digital Data Series DDS - 11 (1994).
‡ U.S. EPA Ground Water Handbook, Vol I: Ground Water and Contamination. Office of Research and development EPA/625/6-90/016a Chapter 4, page 28. September 1990.
** The AQUIFLOW™ information System of hydrogeologically determined groundwater flow directions at specific locations. See the data pages at the end of this report for a complete description.

GEOCHECK VERSION 2.1
SUMMARY

STATE DATABASE WELL INFORMATION

WELL QUADRANT	DISTANCE FROM TP

NO WELLS FOUND

PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.
NOTE: PWS System location is not always the same as well location.

PWS Name: CAMP BNOS YAKOV
SWAN LAKE, NY 12783
Location Relative to TP: 1/2 - 1 Mile East
PWS currently has or has had major violation(s) or enforcement: No

AREA RADON INFORMATION

EPA Radon Zone for KINGS County: 3

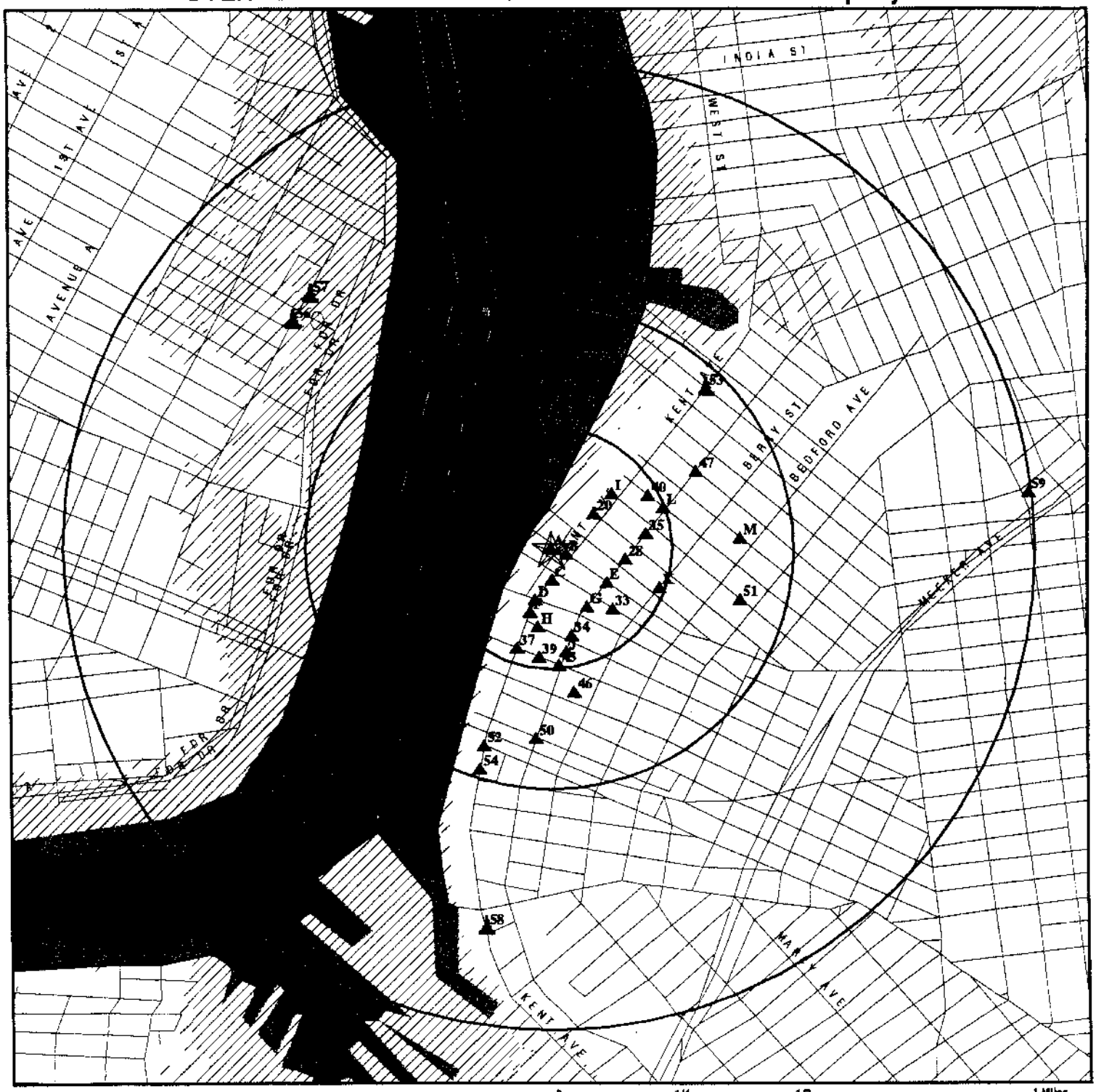
Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

OVERVIEW MAP - 380021.1s - Consolidated Edison Company



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites (if requested)

National Priority List Sites

Landfill Sites

Power transmission lines

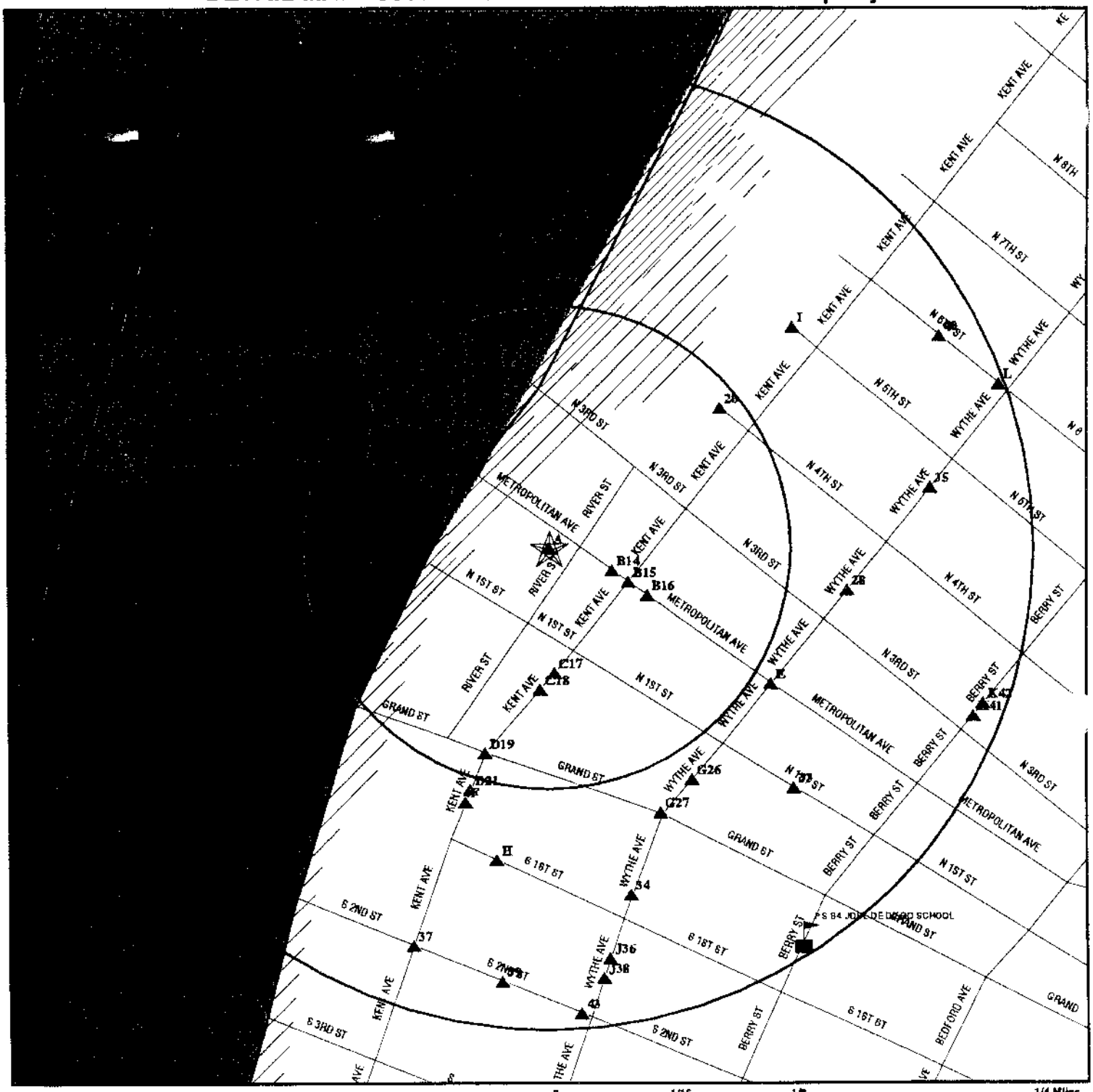
Oil & Gas pipelines

100-year flood zone

500-year flood zone

TARGET PROPERTY:	North 1st St Oil Terminal	CUSTOMER:	Consolidated Edison Company
ADDRESS:	North 1st St Oil Terminal	CONTACT:	Ms. Mariela Gonzales
CITY/STATE/ZIP:	Brooklyn NY 11211	INQUIRY #:	380021.1s
LAT/LONG:	40.7173 / 73.9658	DATE:	June 15, 1999 1:45 pm

DETAIL MAP - 380021.1s - Consolidated Edison Company



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites (if requested)

Sensitive Receptors

National Priority List Sites

Landfill Sites

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

TARGET PROPERTY:	North 1st St Oil Terminal	CUSTOMER:	Consolidated Edison Company
ADDRESS:	North 1st St Oil Terminal	CONTACT:	Ms. Mariela Gonzales
CITY/STATE/ZIP:	Brooklyn NY 11211	INQUIRY #:	380021.1s
LAT/LONG:	40.7173 / 73.9658	DATE:	June 15, 1999 1:48 pm

MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	1	0	NR	NR	1
State Haz. Waste		1.000	0	0	0	1	NR	1
CERCLIS		0.500	0	0	2	NR	NR	2
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	1	0	0	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
LUST	X	0.500	1	3	7	NR	NR	11
UST		0.250	2	7	NR	NR	NR	9
AST		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	10	NR	NR	NR	10
RCRIS Lg. Quan. Gen.	X	0.250	3	3	NR	NR	NR	6
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS	X	TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
NY Spills	X	TP	NR	NR	NR	NR	NR	0
CBS UST		0.250	2	0	NR	NR	NR	2
CBS AST	X	0.250	1	1	NR	NR	NR	2
MOSF UST	X	0.500	0	0	0	NR	NR	0
MOSF AST	X	0.500	0	0	0	NR	NR	0
HSWDS		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
Coal Gas		1.000	0	0	1	3	NR	4
MINES		0.250	0	0	NR	NR	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

MAP FINDINGS SUMMARY SHOWING
ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	1	0	NR	NR	1
State Haz. Waste		1.000	0	0	0	1	NR	1
CERCLIS		0.500	0	0	2	NR	NR	2
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	1	0	0	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
LUST	X	0.500	1	3	7	NR	NR	11
UST		0.250	2	7	NR	NR	NR	9
AST		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	10	NR	NR	NR	10
RCRIS Lg. Quan. Gen.	X	0.250	3	3	NR	NR	NR	6
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS	X	TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
NY Spills	X	TP	NR	NR	NR	NR	NR	0
CBS UST		0.250	2	0	NR	NR	NR	2
CBS AST	X	0.250	1	1	NR	NR	NR	2
MOSF UST	X	0.500	0	0	0	NR	NR	0
MOSF AST	X	0.500	0	0	0	NR	NR	0
HSWDS		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
Coal Gas		1.000	0	0	1	3	NR	4
MINES		0.250	0	0	NR	NR	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

A4 **NORTH 1ST ST TERMINAL** **NY Spills** **S102145872**
Target **NORTH 1ST ST / KENT AVE** **LUST** **N/A**
Property **NEW YORK CITY, NY**

LUST:

Spill Number:	9009234	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SIGONA	SWIS:	61
Caller Name:	MR. HAYWARD	Caller Agency:	CON ED
Caller Phone:	(212) 580-6763	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	CON ED		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	11/24/1990		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Major Facility 400,000 gallons
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	11/24/1990 07:15	Reported to Dept:	11/24/1990 09:24
Cleanup Ceased:	11/24/1990		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	04/18/1991		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	11/28/1990		
Date Region Sent Summary to Central Office:	Not reported		
DEC Remarks:	Not reported		
Spill Cause:	TANK OVERFILLED, AAA ON SCENE,NYCFD ON SCENE. TANK FARM B, TANK 600 TRANSFERRING TO 10K UST BOILER FEED TANK, ALARM WENT OFF BUT VALVE WASNOT CLOSED TO TANK CAUSING OVERFILL OF ~400 GALLONS.		

SPILLS:

Spill Number:	9007240	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	O'CONNELL	SWIS:	61
Caller Name:	TIM SOLICH	Caller Agency:	CON ED
Caller Phone:	(212) 580-6763	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	BOUCHARD BARGE #115		
Spiller Address:	Not reported		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)		
Spill Closed Dt:	06/07/1995		
Spill Cause:	Unknown	Resource Affected:	Surface Water
Water Affected:	EAST RIVER	Spill Source:	Vessel
Spill Notifier:	Affected Persons	PBS Number:	Not reported
Spill Date:	10/02/1990 10:00	Reported to Dept:	10/02/1990 11:03
Cleanup Ceased:	06/07/1995		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		

NORTH 1ST ST TERMINAL (Continued) **S102145872**

Recommended Penalty: No Penalty
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 11/17/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/10/1990
Date Region Sent Summary to Central Office: Not reported
Remarks: BARGE OFFLOADING, FUEL LEAKED FROM HOSE & WENT INTO RIVER.
DEC Remarks: Not reported

This is the most recent NY SPILLS record for this site.
The NY SPILLS database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

A5 **NORTH 1ST ST TERMINAL** **NY Spills** **S100146382**
Target **214 KENT AVE** **LUST** **N/A**
Property **BROOKLYN, NY**

LUST:

Spill Number:	9007596	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	ENGELHARDT	SWIS:	61
Caller Name:	ANTHONY SIGONA	Caller Agency:	NYSDEC
Caller Phone:	(718) 482-4933	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	CON EDISON		
Spiller Address:	Not reported		
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Failure	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Major Facility 400,000 gallons
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	10/10/1990 09:00	Reported to Dept:	10/10/1990 13:00
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	11/15/1994		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	10/30/1990		
Date Region Sent Summary to Central Office:	Not reported		
DEC Remarks:	10/10/90: CON EDISON HAS INITIATED BIDS TO CLEAN UP OIL IN DIKE & INSPEC T THE LEAKING TANK, APPROXIMATELY 6 INCHES OF PRODUCT REMAINS IN ALL THREE COMPARTMENTS. 11/15/94: REASSIGNED FROM SIGONA TO ENGELHARDT ON 11/15/94.		
Spill Cause:	TANK AREA A HOLDING COMPARTMENTS 100, 200 & 300,132,000 BARRELS, 51 ,000 BARRELS & 132,000 BARRELS WERE DISCOVERED TO BE LEAKING 4 MONT HS AGO. OIL LEAKED INTO DIKED AREA.		

NORTH 1ST ST TERMINAL (Continued) **S100146382**

SPILLS:

Spill Number:	9611792	Region of Spill:	2
Facility Contact:	FRANK MISCONE	Facility Tele:	(718) 706-2753
Investigator:	ENGELHARDT	SWIS:	61
Caller Name:	STEVEN ROMARO	Caller Agency:	CON EDISON
Caller Phone:	(212) 580-6763	Caller Extension:	Not reported
Notifier Name:	FRANK MISCONE	Notifier Agency:	CON EDISON
Notifier Phone:	(718) 706-2753	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	CON EDISON		
Spiller Address:	128 WEST END AV NEW YORK, NY 10023		
Spill Class:	Not reported		
Spill Closed Dt:	Not reported		
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Non Major Facility > 1,100 gallons
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	12/30/1996 02:30	Reported to Dept:	12/30/1996 03:04
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	01/06/1997		
Is Updated:	False		

Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 12/30/1996
Date Region Sent Summary to Central Office: Not reported
Remark: SEAL ON NUMBER 1 FUEL OIL PUMP FAILED - APPROX 10 GALS OF #6 FUEL OIL L EAKED ONTO CONCRETE - SPILL BEING CLEANED UP
DEC Remarks: Not reported

A6 **CON EDISON BUILDING** **NY Spills** **S102149189**
Target **214 KENT AVE** **N/A**
Property **BROOKLYN, NY**

SPILLS:

Spill Number:	9412429	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	ENGELHARDT	SWIS:	61
Caller Name:	STEVE DODLEY	Caller Agency:	U.S. COASTAL GUARD
Caller Phone:	(212) 668-7920	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	(212) 580-6763
Spiller:	CON EDISON		
Spiller Address:	214 KENT AVENUE BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Federal Government	PBS Number:	Not reported
Spill Date:	12/16/1994 06:00	Reported to Dept:	12/16/1994 10:28

CON EDISON BUILDING (Continued) **S102149189**

Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: No Penalty
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 02/16/1995
Date Region Sent Summary to Central Office: Not reported
Remark: KENT OFF 1ST STREET -FO NOTIFIED, CONTAINED CLEAN UP, CONTRACTOR 25 PERCENT NOW CLEANING UP. REFER TO SPILL NO. 9412417
DEC Remarks: Not reported

A1 Target Property **CON EDISON - NORTH 1ST STREET TERMINAL**
214 KENT AVE
BROOKLYN, NY 11222

FINDS 1000457883
RCRIS-LQG NYD986931624

RCRIS:
Owner: CONSOLIDATED EDISON
(212) 555-1212

Contact: ROBERT KEEGAN
(718) 460-4833

Record Date: 11/28/1990

Classification: Large Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

A2 Target Property **CON EDISON - NORTH FIREST TERMINAL**
214 KENT AVE
BROOKLYN, NY 11211

FINDS 1000177903
RCRIS-LQG NYD084077411

RCRIS:
Owner: NEPCO TERMINAL CORP
(212) 555-1212

Contact: ROBERT T KEEGAN
(713) 923-3427

Record Date: 10/31/1980

Classification: Large Quantity Generator

CON EDISON - NORTH FIREST TERMINAL (Continued) **1000177903**

Used Oil Recyc: No

Violation Status: No violations found

A3 **NORTH 1ST STREET** **ERNS** **92265751**
Target **NORTH 1ST STREET** **N/A**
Property **BROOKLYN, NY**

A7 **NORTH 1ST STREET TERMINAL** **NY Spills** **S102446531**
Target **NORTH 1ST STREET** **N/A**
Property **BROOKLYN, NY**

SPILLS:

Spill Number:	9609550	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	ENGELHARDT	SWIS:	61
Caller Name:	PETTY OFFICER ANTHONY BUC	Caller Agency:	US COAST GUARD
Caller Phone:	(212) 668-7920	Caller Extension:	Not reported
Notifier Name:	STEVE ROMERO	Notifier Agency:	CON EDISON
Notifier Phone:	(212) 580-6763	Notifier Extension:	Not reported
Spiller Contact:	STEVE ROMERO	Spiller Phone:	(212) 580-6763
Spiller:	CON EDISON		
Spiller Address:	4 IRVING PLACE NEW YORK, NY 10003		
Spill Class:	No spill occured. No DEC Response. No corrective action required.		
Spill Closed Dt:	10/31/1996		
Spill Cause:	Equipment Failure	Resource Affected:	Surface Water
Water Affected:	EAST RIVER	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Federal Government	PBS Number:	Not reported
Spill Date:	10/30/1996 12:15	Reported to Dept:	10/30/1996 13:52
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	05/29/1998		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	10/30/1996		
Date Region Sent Summary to Central Office:	Not reported		
Remark:	FAILURE DURING FIRE SYSTEM TEST. 5 GALLONS INTO EAST RIVER. REST CLEAN ED UP.		
DEC Remarks:	3% mechanical fire fighting foam. 25 gallons total spilled. 5 gallons to river.		

A11 **NORTH 1ST STREET TERMINAL** **ERNS** **90188987**
Target **NORTH 1ST STREET TERMINAL** **N/A**
Property **BROOKLYN, NY**

A12 **NORTH 1ST ST TERMINAL** **LUST** **S102233219**
Target **N FIRST ST / KENT AV** **N/A**
Property **BRROKLYN, NY**

LUST:

Spill Number:	9509439	Region of Spill:	2
Facility Contact:	MR DEVOTI	Facility Tele:	(212) 580-6763
Investigator:	O'CONNELL	SWIS:	61
Caller Name:	MR DEVOTI	Caller Agency:	CON ED
Caller Phone:	(212) 580-6763	Caller Extension:	Not reported
Notifier Name:	SAME	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	RICHARD ROACH	Spiller Phone:	(212) 580-6764
Spiller:	CON ED		
Spiller Address:	4 IRVING PLACE MANHATTAN, NY 10003		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	10/30/1995 17:05	Reported to Dept:	10/30/1995 18:18
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	Recommended Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	02/26/1998		
Is Updated:	False		

Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/30/1995
Date Region Sent Summary to Central Office: Not reported
DEC Remarks: Not reported
Spill Cause: MOAT HAS ALL PRODUCT CONTAINED - BEGINING RECOVERY AT THIS TIME

A13 **CON ED FUEL DEPOT** **NY Spills** **S102240470**
Target **214 KENT AVE** **N/A**
Property **BROOKLYN, NY**

SPILLS:

Spill Number:	9606882	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	ENGELHARDT	SWIS:	61
Caller Name:	TIM SOLICH	Caller Agency:	CON ED
Caller Phone:	(212) 580-6763	Caller Extension:	Not reported
Notifier Name:	MR WHITE	Notifier Agency:	CON ED
Notifier Phone:	(718) 706-2753	Notifier Extension:	Not reported
Spiller Contact:	TIM SOILCH	Spiller Phone:	(212) 580-6764
Spiller:	CON ED		
Spiller Address:	4 IRVING PLACE MANHATTAN, NY 10003		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported

CON ED FUEL DEPOT (Continued) **S102240470**

Spill Date: 08/29/1996 08:25 Reported to Dept: 08/29/1996 11:33
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: No Penalty
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 09/23/1996
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 08/29/1996
Date Region Sent Summary to Central Office: Not reported
Remark: loose flange on fitting - blacktop only - to be completely cleaned up by 14:00
DEC Remarks: Not reported

This is the most recent NY SPILLS record for this site.
The NY SPILLS database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

A8 Target Property **NORTH FIRST STREET FUEL OIL TERMINAL**
214 KENT AVE
BROOKLYN, NY 11222

MOSF UST **S102634104**
CBS AST **N/A**
MOSF AST

CBS AST:

CBS Number:	2-000330	Telephone:	(718) 706-2703
Owner:	CONSOLIDATED EDISON CO. OF NY., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003 (212) 460-4928		
Facility Status:	Active		
Tank ID:	FF-4	Total Tanks	1
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	00/64		
Capacity (Gal):	3000		
Tank Type:	Steel/carbon steel		
Substance:	More than one Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	Painted/Asphalt Coating		
Pipe Containment:	None	Haz Percent:	6
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Ethylene glycol		
Acutely Hazardous:	False	Tank Closed:	Not reported
PBS Number:	Not reported	SWIS Code:	6101
MOSF Number:	2-1480	CAS Number:	107211
SPDES Number:	0-200999	ICS Number:	Not reported
Facility Type:	Other		
Operator:	JOHN MUCCI	Facility Town:	NEW YORK CITY
Emrgncy Contact:	CENTRAL INFORMATION GROUP	Emrgncy Phone:	(212) 580-6763
Certified Date:	19970131	Expiration Date:	19990131

NORTH FIRST STREET FUEL OIL TERMINAL (Continued) **S102634104**

Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	CONSOLIDATED EDISON CO. OF NY., INC.		
Mail Contact:	CARMEN BRANCIFORTE 4 IRVING PLACE ROOM 300 NEW YORK, NY 10003		
Mail Phone:	(212) 460-4928		
Tank Secret:	False	Date Entered:	01/29/1997 09:36:13
Last Test:	Not reported	Due Date:	Not reported
DEC Reportable Quantities:	1		
Air Reportable Quantities:	Not reported		

MOSF UST:

Facility ID:	2-1480	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Federal ID:	Not reported		
Operator:	AL PINKALL	Contact Phone:	(718) 706-2703
Owner:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Owner Tel:	(212) 460-3968	Owner Type:	UNDEFINED
Mail To:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003 ATTN: W.ALAN HOMYK, DIRECTOR-COMPLIA (212) 460-3968		
Legal Agent:	OFFICE OF THE SECRETARY OF THE COMPANY 4 IRVING PLACE, ROOM 1618-S NEW YORK, NY 10003		
Date Filed:	09/84	CBS Number:	Not reported
Emerg Contact:	CIG, (212) 580-6765		
SPDES Num:	Not reported		
Total Tanks:	F06-	Total Capacity:	31215000
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	127890	License Stat:	Issued
License Issued:	04/01/1998	Expiration Date:	03/31/1900
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	01/08/1998	Tank ID:	F06-7
Tank Location:	Underground		
Install Date:	12/65	Capacity (Gal):	10000
Product:	Nos. 5, or 6 Fuel Oil	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	12		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	23		
Test Date:	10/97	Date Closed:	Not reported
Lat/Long:	40|10|00 / 73|53|06		

MOSF AST:

MOSF Number:	2-1480	Telephone:	(718) 706-2703
Federal ID:	Not reported		

NORTH FIRST STREET FUEL OIL TERMINAL (Continued) **S102634104**

Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Owner:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Owner Tel:	(212) 460-3968		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	F06-1
Total Tanks:	F06-	Daily Throughput	127890 Gal(s)
Tank Location:	Aboveground		
Install Date:	12/65	Total Capacity:	31215000
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Tank Internal:	None		
Product:	Nos. 5, or 6 Fuel Oil	Capacity (gal):	6000000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	05		
Second Contain:	95		
Leak Detection:	96		
Overfill Protection:	42		
Test Date:	12/91	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Mailing Contact:	W.ALAN HOMYK, DIRECTOR-COMPLIA		
Mailing Phone:	(212) 460-3968		
Legal Agent:	OFFICE OF THE SECRETARY OF THE COMPANY 4 IRVING PLACE, ROOM 1618-S NEW YORK, NY 10003		

Date Legal Agent Filed with Secretary of State:	09/84
Name of Emergency Contact:	CIG
Emergency Contact Telephone:	(212) 580-6765
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
License Status:	License Issued
Date License Application Received:	01/08/1998
Date License Issued:	04/01/1998
Date License Expires or Expired:	03/31/1900
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline

Operator Name:	AL PINKALL		
Lat/Long:	40|10|00 / 73|53|06		
MOSF Number:	2-1480	Telephone:	(718) 706-2703
Federal ID:	Not reponed		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Owner:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Owner Tel:	(212) 460-3968		
Owner Type:	Corporate/Commercial		

NORTH FIRST STREET FUEL OIL TERMINAL (Continued) **S102634104**

Tank Status:	In Service	Tank ID:	F06-2
Total Tanks:	F06-	Daily Throughput	127890 Gal(s)
Tank Location:	Aboveground		
Install Date:	12/65	Total Capacity:	31215000
Tank Type:	Steel/carbon steel		
Tank External:	12		
Tank Internal:	None		
Product:	Nos. 5, or 6 Fuel Oil	Capacity (gal):	2325000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	05		
Second Contain:	95		
Leak Detection:	96		
Overfill Protection:	42		
Test Date:	12/91	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Mailing Contact:	W.ALAN HOMYK, DIRECTOR-COMPLIA		
Mailing Phone:	(212) 460-3968		
Legal Agent:	OFFICE OF THE SECRETARY OF THE COMPANY 4 IRVING PLACE, ROOM 1618-S NEW YORK, NY 10003		
Date Legal Agent Filed with Secretary of State:	09/84		
Name of Emergency Contact:	CIG		
Emergency Contact Telephone:	(212) 580-6765		
Chemical Bulk Storage Number:	Not reported		
Pollution Discharge Elimination System Num:	Not reported		
License Status:	License Issued		
Date License Application Received:	01/08/1998		
Date License Issued:	04/01/1998		
Date License Expires or Expired:	03/31/1900		
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline		
Operator Name:	AL PINKALL		
Lat/Long:	40|10|00 / 73|53|06		
MOSF Number:	2-1480	Telephone:	(718) 706-2703
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Owner:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Owner Tel:	(212) 460-3968		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	F06-3
Total Tanks:	F06-	Daily Throughput	127890 Gal(s)
Tank Location:	Aboveground		
Install Date:	12/65	Total Capacity:	31215000
Tank Type:	Steel/carbon steel		
Tank External:	12		
Tank Internal:	None		

NORTH FIRST STREET FUEL OIL TERMINAL (Continued) **S102634104**

Product:	Nos. 5, or 6 Fuel Oil	Capacity (gal):	6000000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	05		
Second Contain:	95		
Leak Detection:	96		
Overfill Protection:	42		
Test Date:	12/91	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Mailing Contact:	W.ALAN HOMYK, DIRECTOR-COMPLIA		
Mailing Phone:	(212) 460-3968		
Legal Agent:	OFFICE OF THE SECRETARY OF THE COMPANY 4 IRVING PLACE, ROOM 1618-S NEW YORK, NY 10003		

Date Legal Agent Filed with Secretary of State:	09/84
Name of Emergency Contact:	CIG
Emergency Contact Telephone:	(212) 580-6765
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
License Status:	License Issued
Date License Application Received:	01/08/1998
Date License Issued:	04/01/1998
Date License Expires or Expired:	03/31/1900
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline

Operator Name:	AL PINKALL		
Lat/Long:	40|10|00 / 73|53|06		
MOSF Number:	2-1480	Telephone:	(718) 706-2703
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Owner:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Owner Tel:	(212) 460-3968		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	F06-4
Total Tanks:	F06-	Daily Throughput	127890 Gal(s)
Tank Location:	Aboveground		
Install Date:	12/67	Total Capacity:	31215000
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Tank Internal:	None		
Product:	Nos. 5, or 6 Fuel Oil	Capacity (gal):	6000000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	05		
Second Contain.	Impervious Underlayment		
Leak Detection:	None		

NORTH FIRST STREET FUEL OIL TERMINAL (Continued) **S102634104**

Overfill Protection:	42		
Test Date:	12/79	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Mailing Contact:	W.ALAN HOMYK, DIRECTOR-COMPLIA		
Mailing Phone:	(212) 460-3968		
Legal Agent:	OFFICE OF THE SECRETARY OF THE COMPANY 4 IRVING PLACE, ROOM 1618-S NEW YORK, NY 10003		
Date Legal Agent Filed with Secretary of State:	09/84		
Name of Emergency Contact:	CIG		
Emergency Contact Telephone:	(212) 580-6765		
Chemical Bulk Storage Number:	Not reported		
Pollution Discharge Elimination System Num:	Not reported		
License Status:	License Issued		
Date License Application Received:	01/08/1998		
Date License Issued:	04/01/1998		
Date License Expires or Expired:	03/31/1900		
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline		
Operator Name:	AL PINKALL		
Lat/Long:	40|10|00 / 73|53|06		
MOSF Number:	2-1480	Telephone:	(718) 706-2703
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Owner:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Owner Tel:	(212) 460-3968		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	F06-5
Total Tanks:	F06-	Daily Throughput	127890 Gal(s)
Tank Location:	Aboveground		
Install Date:	12/67	Total Capacity:	31215000
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Tank Internal:	None		
Product:	Nos. 5, or 6 Fuel Oil	Capacity (gal):	6000000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	05		
Second Contain:	Impervious Underlayment		
Leak Detection:	None		
Overfill Protection:	42		
Test Date:	12/79	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		

NORTH FIRST STREET FUEL OIL TERMINAL (Continued) **S102634104**

Mailing Contact:	W.ALAN HOMYK, DIRECTOR-COMPLIA		
Mailing Phone:	(212) 460-3968		
Legal Agent:	OFFICE OF THE SECRETARY OF THE COMPANY 4 IRVING PLACE, ROOM 1618-S NEW YORK, NY 10003		
Date Legal Agent Filed with Secretary of State:	09/84		
Name of Emergency Contact:	CIG		
Emergency Contact Telephone:	(212) 580-6765		
Chemical Bulk Storage Number:	Not reported		
Pollution Discharge Elimination System Num:	Not reported		
License Status:	License Issued		
Date License Application Received:	01/08/1998		
Date License Issued:	04/01/1998		
Date License Expires or Expired:	03/31/1900		
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline		
Operator Name:	AL PINKALL		
Lat/Long:	40|10|00 / 73|53|06		
MOSF Number:	2-1480	Telephone:	(718) 706-2703
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Owner:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Owner Tel:	(212) 460-3968		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	F06-6
Total Tanks:	F06-	Daily Throughput	127890 Gal(s)
Tank Location:	Aboveground		
Install Date:	12/67	Total Capacity:	31215000
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Tank Internal:	None		
Product:	Nos. 5, or 6 Fuel Oil	Capacity (gal):	4880000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	05		
Second Contain:	Impervious Underlayment		
Leak Detection:	None		
Overfill Protection:	42		
Test Date:	12/79	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	CONSOLIDATED EDISON COMPANY OF N.Y., INC. 4 IRVING PLACE, ROOM 300 NEW YORK, NY 10003		
Mailing Contact:	W.ALAN HOMYK, DIRECTOR-COMPLIA		
Mailing Phone:	(212) 460-3968		
Legal Agent:	OFFICE OF THE SECRETARY OF THE COMPANY 4 IRVING PLACE, ROOM 1618-S NEW YORK, NY 10003		
Date Legal Agent Filed with Secretary of State:	09/84		
Name of Emergency Contact:	CIG		

NORTH FIRST STREET FUEL OIL TERMINAL (Continued) **S102634104**

Emergency Contact Telephone:	(212) 580-6765
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
License Status:	License Issued
Date License Application Received:	01/08/1998
Date License Issued:	04/01/1998
Date License Expires or Expired:	03/31/1900
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline
Operator Name:	AL PINKALL
Lat/Long:	40|10|00 / 73|53|06

A9 Target Property **NORTH 1ST ST AND KENT AVE** **ERNS** **90181988**
NORTH 1ST ST AND KENT AVE **N/A**
BROOKLYN, NY

A10 Target Property **NORTH FIRST STREET** **NY Spills** **S102619875**
214 KENT AVE **N/A**
BROOKLYN, NY

SPILLS:

Spill Number:	9412417	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	ENGLEHARDT	SWIS:	61
Caller Name:	TIM SOLICH	Caller Agency:	CON EDISON
Caller Phone:	(212) 580-6763	Caller Extension:	Not reported
Notifier Name:	MR. MANFREE	Notifier Agency:	CON ED
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	(212) 460-4600
Spiller:	CON EDISON		
Spiller Address:	4 IRVING PLACE NEW YORK, NY 10003		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	12/16/1994 06:00	Reported to Dept:	12/16/1994 09:21
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	02/13/1998		
is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	02/16/1995		
Date Region Sent Summary to Central Office:	Not reported		
Remarks:	LEAK RATE < 1 QUART PER MINUTE. GASKET LEAKING ON TANK.		
DEC Remarks:	Leak on tanks that were just refurbished. Have had product in the tanks for a week. Leak is contained in the steel moat. They are transferring oil out to releave head pressure so that flange can be repaired.		

B14 **46-11 METROPOLITAN AVE** **LUST** **S101658451**
ESE **46-11 METROPOLITAN AVE** **N/A**
< 1/8 **BROOKLYN, NY**
181
Higher

LUST:

Spill Number:	9505833	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TOMASELLO	SWIS:	61
Caller Name:	FRANCIS ONAGA	Caller Agency:	CIFRON
Caller Phone:	(908) 390-0969	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	SAME		
Spiller Address:	Not reported		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	12/12/1996		
Spill Cause:	Tank Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Gas Station
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	07/28/1995 12:00	Reported to Dept:	08/11/1995 11:58
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	True		
Spill Record Last Update:	05/15/1997		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	09/12/1995		
Date Region Sent Summary to Central Office:	Not reported		
DEC Remarks:	SEE FILE QUEENS VILLAGE FIELD OFFICE		
Spill Cause:	10-12 550 GAL TANKS ON SITE - SOIL SAMPLES INDICATE GASOLINE IN -SOIL B ELIEVED TANKS HAVE LEAKED OVER THE YEARS - SITE IS BEING CLOSED		

B15 **M & K GAS & AUTO REPAIRS INC** **FINDS** **1000432492**
ESE **50-02 METROPOLITAN AVE** **RCRIS-LQG** **NYD000824235**
< 1/8 **BROOKLYN, NY 11237**
235
Higher

RCRIS:

Owner:	SUN OIL CO OF PENNSYLVANIA (212) 555-1212
Contact:	KEHAR SNGH (215) 688-8200
Record Date:	08/18/1980
Classification:	Large Quantity Generator

M & K GAS & AUTO REPAIRS INC (Continued) **1000432492**

Used Oil Recyc: No

Violation Status: No violations found

B16 **BLISS & TANNENBAUM, L.P.** **CBS UST** **S102641584**
ESE **58 METROPOLITAN AVE** **N/A**
< 1/8 **BROOKLYN, NY 12201**
297
Higher

CBS UST:

CBS Number:	2-000298	ICS No:	Not reported
PBS No:	Not reported	MOSF No:	Not reported
Town:	NEW YORK CITY		
Operator:	MENNA CONTAINER	Facility Tel:	(718) 388-4171
Emergency Contact:	ROBERT TANNENBAUM, (305) 932-8785		
Certification Date:	02/16/1996	Expiration Date:	02/16/1998
Owner:	BLISS & TANNENBAUM, L.P.		
Owner Address:	3530 MYSTIC POINT DR. TOWER 500 APT 2815 AVENTURA, FL 33180		
Owner Phone	(305) 932-8785		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	EMULSION SYSTEMS INC		
Mail Address	70 E SUNRISE HIGHWAY VALLEY STREAM, NY 11581 ATTN: JEAN APPLE (516) 825-3232		
SPDES No:	Not reported	Facility Status:	ACTIVE FACILITY
Owner Subtype:	Not reported		
Tank Number:	1	Tank Status:	Not reported
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	4000 Gals
Tank Location:	Underground		
Install Date:	00/90		
CAS No:	100425		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Double-Walled
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	Sacrificial Anode		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	Electronic		
Overfill Protection:	1		
Chemical:	Styrene		
Acutely Hazardous:	False	Tank Closed:	00/00
Tank Secret:	False	Date Entered:	02/15/1996 14:54:23
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		

DEC Reportable Quantities: 1
Air Reportable Quantities: Not reported

C17 **FYN PAINT & LACQUER CO INC** **FINDS** **1000127275**
South **230 KENT AVE** **RCRIS-LQG** **NYD001270086**
< 1/8 **BROOKLYN, NY 11211** **TRIS**
341 **CBS UST**
Higher **CBS AST**

RCRIS:
Owner: FYN PAINT & LACQUER CO INC.
(212) 555-1212

Contact: HOWARD SIMKA
(718) 388-4130

Record Date: 08/15/1980

Classification: Large Quantity Generator

BIENNIAL REPORTS:
Last Biennial Reporting Year: 1995

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	35012.51	F003	35012.51
F005	35012.51		

Used Oil Recyc: No

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Enforcement Docket System (DOCKET)

CBS UST:

CBS Number:	2-000151	ICS No:	2-125255
PBS No:	Not reported	MOSF No:	Not reported
Town:	NEW YORK CITY		
Operator:	WILLIAM FEINSTEIN	Facility Tel:	(718) 388-4130
Emergency Contact:	HOWARD SIMKA, (718) 388-4130		
Certification Date:	12/10/1998	Expiration Date:	07/25/1999
Owner:	FYN PAINT & LAQUER CO. INC.		
Owner Address:	230 KENT ANENUE BROOKLYN, NY 11211		
Owner Phone	(718) 388-4130		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address	230 KENT ANENUE BROOKLYN, NY 11211 ATTN: HOWARD SIMKA (718) 388-4130		
SPDES No:	Not reported	Facility Status:	ACTIVE FACILITY
Owner Subtype:	Not reported		
Tank Number:	001	Tank Status:	Not reported
Tank Error Status:	No Missing Data		
Total Tanks:	6	Capacity:	550 Gals
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	67561		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)

FYN PAINT & LACQUER CO INC (Continued) **1000127275**

Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	Vault (w/o access)	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	4		
Chemical:	Methanol		
Acutely Hazardous:	False	Tank Closed:	12/98
Tank Secret:	False	Date Entered:	07/25/1989 12:41:10
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
DEC Reportable Quantities: 1			
Air Reportable Quantities:	Not reported		

CBS Number:	2-000151	ICS No:	2-125255
PBS No:	Not reported	MOSF No:	Not reported
Town:	NEW YORK CITY		
Operator:	WILLIAM FEINSTEIN	Facility Tel:	(718) 388-4130
Emergency Contact:	HOWARD SIMKA, (718) 388-4130		
Certification Date:	12/10/1998	Expiration Date:	07/25/1999
Owner:	FYN PAINT & LAQUER CO. INC.		
Owner Address:	230 KENT ANENUE BROOKLYN, NY 11211		
Owner Phone	(718) 388-4130		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address	230 KENT ANENUE BROOKLYN, NY 11211 ATTN: HOWARD SIMKA (718) 388-4130		
SPDES No:	Not reported	Facility Status:	ACTIVE FACILITY
Owner Subtype:	Not reported		
Tank Number:	002	Tank Status:	Not reported
Tank Error Status:	No Missing Data		
Total Tanks:	6	Capacity:	550 Gals
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	67561		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	Vault (w/o access)	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	4		
Chemical:	Methanol		
Acutely Hazardous:	False	Tank Closed:	12/98
Tank Secret:	False	Date Entered:	07/25/1989 12:41:33
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
DEC Reportable Quantities: 1			
Air Reportable Quantities:	Not reported		

FYN PAINT & LACQUER CO INC (Continued) **1000127275**

CBS Number:	2-000151	ICS No:	2-125255
PBS No:	Not reported	MOSF No:	Not reported
Town:	NEW YORK CITY		
Operator:	WILLIAM FEINSTEIN	Facility Tel:	(718) 388-4130
Emergency Contact:	HOWARD SIMKA, (718) 388-4130		
Certification Date:	12/10/1998	Expiration Date:	07/25/1999
Owner:	FYN PAINT & LAQUER CO. INC.		
Owner Address:	230 KENT ANENUE BROOKLYN, NY 11211		
Owner Phone	(718) 388-4130		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address	230 KENT ANENUE BROOKLYN, NY 11211 ATTN: HOWARD SIMKA (718) 388-4130		
SPDES No:	Not reported	Facility Status:	ACTIVE FACILITY
Owner Subtype:	Not reported		
Tank Number:	004	Tank Status:	Not reported
Tank Error Status:	No Missing Data		
Total Tanks:	6	Capacity:	1500 Gals
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	108883		
Substance:	More than one Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	Vault (w/o access)	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	4		
Chemical:	Toluene		
Acutely Hazardous:	False	Tank Closed:	12/98
Tank Secret:	False	Date Entered:	07/25/1989 12:42:19
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
DEC Reportable Quantities:	1		
Air Reportable Quantities:	Not reported		

CBS Number:	2-000151	ICS No:	2-125255
PBS No:	Not reported	MOSF No:	Not reported
Town:	NEW YORK CITY		
Operator:	WILLIAM FEINSTEIN	Facility Tel:	(718) 388-4130
Emergency Contact:	HOWARD SIMKA, (718) 388-4130		
Certification Date:	12/10/1998	Expiration Date:	07/25/1999
Owner:	FYN PAINT & LAQUER CO. INC.		
Owner Address:	230 KENT ANENUE BROOKLYN, NY 11211		
Owner Phone	(718) 388-4130		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address	230 KENT ANENUE		

FYN PAINT & LACQUER CO INC (Continued) **1000127275**

BROOKLYN, NY 11211
ATTN: HOWARD SIMKA
(718) 388-4130

SPDES No:	Not reported	Facility Status:	ACTIVE FACILITY
Owner Subtype:	Not reported		
Tank Number:	005	Tank Status:	Not reported
Tank Error Status:	No Missing Data		
Total Tanks:	6	Capacity:	1000 Gals
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	108883		
Substance:	More than one Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	Vault (w/o access)	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	4		
Chemical:	Toluene		
Acutely Hazardous:	False	Tank Closed:	12/98
Tank Secret:	False	Date Entered:	07/25/1989 12:42:52
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
DEC Reportable Quantities:	1		
Air Reportable Quantities:	Not reported		

CBS Number:	2-000151	ICS No:	2-125255
PBS No:	Not reported	MOSF No:	Not reported
Town:	NEW YORK CITY		
Operator:	WILLIAM FEINSTEIN	Facility Tel:	(718) 388-4130
Emergency Contact:	HOWARD SIMKA, (718) 388-4130		
Certification Date:	12/10/1998	Expiration Date:	07/25/1999
Owner:	FYN PAINT & LAQUER CO. INC.		
Owner Address:	230 KENT ANENUE BROOKLYN, NY 11211		
Owner Phone	(718) 388-4130		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address	230 KENT ANENUE BROOKLYN, NY 11211 ATTN: HOWARD SIMKA (718) 388-4130		
SPDES No:	Not reported	Facility Status:	ACTIVE FACILITY
Owner Subtype:	Not reported		
Tank Number:	006	Tank Status:	Not reported
Tank Error Status:	No Missing Data		
Total Tanks:	6	Capacity:	1000 Gals
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	1330207		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None		

FYN PAINT & LACQUER CO INC (Continued) **1000127275**

Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	Vault (w/o access)	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	4		
Chemical:	Xylene (mixed)		
Acutely Hazardous:	False	Tank Closed:	12/98
Tank Secret:	False	Date Entered:	07/25/1989 12:43:29
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
DEC Reportable Quantities: 1			
Air Reportable Quantities:	Not reported		

CBS Number:	2-000151	ICS No:	2-125255
PBS No:	Not reported	MOSF No:	Not reported
Town:	NEW YORK CITY		
Operator:	WILLIAM FEINSTEIN	Facility Tel:	(718) 388-4130
Emergency Contact:	HOWARD SIMKA, (718) 388-4130		
Certification Date:	12/10/1998	Expiration Date:	07/25/1999
Owner:	FYN PAINT & LAQUER CO. INC.		
Owner Address:	230 KENT ANENUE BROOKLYN, NY 11211		
Owner Phone	(718) 388-4130		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address	230 KENT ANENUE BROOKLYN, NY 11211 ATTN: HOWARD SIMKA (718) 388-4130		
SPDES No:	Not reported	Facility Status:	ACTIVE FACILITY
Owner Subtype:	Not reported		
Tank Number:	007	Tank Status:	Not reported
Tank Error Status:	No Missing Data		
Total Tanks:	6	Capacity:	1000 Gals
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	108883		
Substance:	More than one Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	Vault (w/o access)	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	4		
Chemical:	Toluene		
Acutely Hazardous:	False	Tank Closed:	12/98
Tank Secret:	False	Date Entered:	07/25/1989 12:44:11
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
DEC Reportable Quantities: 1			
Air Reportable Quantities:	Not reported		

CBS Number:	2-000151	ICS No:	2-125255
PBS No:	Not reported	MOSF No:	Not reported

FYN PAINT & LACQUER CO INC (Continued) **1000127275**

Town:	NEW YORK CITY		
Operator:	WILLIAM FEINSTEIN	Facility Tel:	(718) 388-4130
Emergency Contact:	HOWARD SIMKA, (718) 388-4130		
Certification Date:	12/10/1998	Expiration Date:	07/25/1999
Owner:	FYN PAINT & LAQUER CO. INC.		
Owner Address:	230 KENT ANENUE BROOKLYN, NY 11211		
Owner Phone	(718) 388-4130		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address	230 KENT ANENUE BROOKLYN, NY 11211 ATTN: HOWARD SIMKA (718) 388-4130		
SPDES No:	Not reported	Facility Status:	ACTIVE FACILITY
Owner Subtype:	Not reported		
Tank Number:	008	Tank Status:	Not reported
Tank Error Status:	No Missing Data		
Total Tanks:	6	Capacity:	1000 Gals
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	108883		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	Vault (w/o access)	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	4		
Chemical:	Toluene		
Acutely Hazardous:	False	Tank Closed:	12/98
Tank Secret:	False	Date Entered:	07/25/1989 12:44:36
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
DEC Reportable Quantities:	1		
Air Reportable Quantities:	Not reported		

CBS AST:

CBS Number:	2-000151	Telephone:	(718) 388-4130
Owner:	FYN PAINT & LAQUER CO. INC. 230 KENT ANENUE BROOKLYN, NY 11211 (718) 388-4130		
Facility Status:	Active		
Tank ID:	009	Total Tanks	6
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	07/76		
Capacity (Gal):	2500		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		

FYN PAINT & LACQUER CO INC (Continued) **1000127275**

Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	50
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Xylene (mixed)		
Acutely Hazardous:	False	Tank Closed:	Not reported
PBS Number:	Not reported	SWIS Code:	6101
MOSF Number:	Not reported	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-125255
Facility Type:	Manufacturing		
Operator:	WILLIAM FEINSTEIN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HOWARD SIMKA	Emrgncy Phone:	(718) 388-4130
Certified Date:	19981210	Expiration Date:	19990725
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	FYN PAINT & LAQUER CO. INC.		
Mail Contact:	HOWARD SIMKA 230 KENT ANENUE BROOKLYN, NY 11211		
Mail Phone:	(718) 388-4130		
Tank Secret:	False	Date Entered:	07/25/1989 12:45:19
Last Test:	Not reported	Due Date:	Not reported
DEC Reportable Quantities: 1			
Air Reportable Quantities:	Not reported		

CBS Number:	2-000151	Telephone:	(718) 388-4130
Owner:	FYN PAINT & LAQUER CO. INC. 230 KENT ANENUE BROOKLYN, NY 11211 (718) 388-4130		
Facility Status:	Active		
Tank ID:	0010	Total Tanks	6
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	07/76		
Capacity (Gal):	1500		
Tank Type:	Steel/carbon steel		
Substance:	More than one Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	50
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Xylene (mixed)		
Acutely Hazardous:	False	Tank Closed:	Not reported
PBS Number:	Not reported	SWIS Code:	6101
MOSF Number:	Not reported	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-125255
Facility Type:	Manufacturing		
Operator:	WILLIAM FEINSTEIN	Facility Town:	NEW YORK CITY

FYN PAINT & LACQUER CO INC (Continued) **1000127275**

Emrgncy Contact:	HOWARD SIMKA	Emrgncy Phone:	(718) 388-4130
Certified Date:	19981210	Expiration Date:	19990725
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name.	FYN PAINT & LAQUER CO. INC.		
Mail Contact:	HOWARD SIMKA 230 KENT ANENUE BROOKLYN, NY 11211		
Mail Phone:	(718) 388-4130		
Tank Secret:	False	Date Entered:	07/25/1989 12:45:51
Last Test:	Not reported	Due Date:	Not reported
DEC Reportable Quantities: 1			
Air Reportable Quantities:	Not reported		

CBS Number:	2-000151	Telephone:	(718) 388-4130
Owner:	FYN PAINT & LAQUER CO. INC. 230 KENT ANENUE BROOKLYN, NY 11211 (718) 388-4130		
Facility Status:	Active		
Tank ID:	0011	Total Tanks	6
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	Not reported		
Capacity (Gal):	700		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	40
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Toluene		
Acutely Hazardous:	False	Tank Closed:	Not reported
PBS Number:	Not reported	SWIS Code:	6101
MOSF Number:	Not reported	CAS Number:	108883
SPDES Number:	Not reported	ICS Number:	2-125255
Facility Type:	Manufacturing		
Operator:	WILLIAM FEINSTEIN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HOWARD SIMKA	Emrgncy Phone:	(718) 388-4130
Certified Date:	19981210	Expiration Date:	19990725
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	FYN PAINT & LAQUER CO. INC.		
Mail Contact:	HOWARD SIMKA 230 KENT ANENUE BROOKLYN, NY 11211		
Mail Phone:	(718) 388-4130		
Tank Secret:	False	Date Entered:	07/25/1989 12:46:27
Last Test:	Not reported	Due Date:	Not reported
DEC Reportable Quantities: 1			
Air Reportable Quantities:	Not reported		

FYN PAINT & LACQUER CO INC (Continued) **1000127275**

CBS Number:	2-000151	Telephone:	(718) 388-4130
Owner:	FYN PAINT & LAQUER CO. INC. 230 KENT ANENUE BROOKLYN, NY 11211 (718) 388-4130		
Facility Status:	Active		
Tank ID:	0012	Total Tanks	6
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	Not reported		
Capacity (Gal):	700		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	Epoxy Liner		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	50
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Xylene (mixed)		
Acutely Hazardous:	False	Tank Closed:	Not reported
PBS Number:	Not reported	SWIS Code:	6101
MOSF Number:	Not reported	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-125255
Facility Type:	Manufacturing		
Operator:	WILLIAM FEINSTEIN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HOWARD SIMKA	Emrgncy Phone:	(718) 388-4130
Certified Date:	19981210	Expiration Date:	19990725
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	FYN PAINT & LAQUER CO. INC.		
Mail Contact:	HOWARD SIMKA 230 KENT ANENUE BROOKLYN, NY 11211		
Mail Phone:	(718) 388-4130		
Tank Secret:	False	Date Entered:	07/25/1989 12:47:08
Last Test:	Not reported	Due Date:	Not reported
DEC Reportable Quantities:	1		
Air Reportable Quantities:	Not reported		

CBS Number:	2-000151	Telephone:	(718) 388-4130
Owner:	FYN PAINT & LAQUER CO. INC. 230 KENT ANENUE BROOKLYN, NY 11211 (718) 388-4130		
Facility Status:	Active		
Tank ID:	0013	Total Tanks	6
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	Not reported		
Capacity (Gal):	700		

FYN PAINT & LACQUER CO INC (Continued) **1000127275**

Tank Type:	Steel/carbon steel		
Substance:	More than one Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	50
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Xylene (mixed)		
Acutely Hazardous:	False	Tank Closed:	Not reported
PBS Number:	Not reported	SWIS Code:	6101
MOSF Number:	Not reported	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-125255
Facility Type:	Manufacturing		
Operator:	WILLIAM FEINSTEIN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HOWARD SIMKA	Emrgncy Phone:	(718) 388-4130
Certified Date:	19981210	Expiration Date:	19990725
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	FYN PAINT & LAQUER CO. INC.		
Mail Contact:	HOWARD SIMKA 230 KENT ANENUE BROOKLYN, NY 11211		
Mail Phone:	(718) 388-4130		
Tank Secret:	False	Date Entered:	07/25/1989 12:47:24
Last Test:	Not reported	Due Date:	Not reported
DEC Reportable Quantities:	1		
Air Reportable Quantities:	Not reported		

CBS Number:	2-000151	Telephone:	(718) 388-4130
Owner:	FYN PAINT & LAQUER CO. INC. 230 KENT ANENUE BROOKLYN, NY 11211 (718) 388-4130		
Facility Status:	Active		
Tank ID:	0014	Total Tanks	6
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	Not reported		
Capacity (Gal):	700		
Tank Type:	Steel/carbon steel		
Substance:	More than one Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	50
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Xylene (mixed)		
Acutely Hazardous:	False	Tank Closed:	Not reported

FYN PAINT & LACQUER CO INC (Continued) **1000127275**

PBS Number:	Not reported	SWIS Code:	6101
MOSF Number:	Not reported	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-125255
Facility Type:	Manufacturing		
Operator:	WILLIAM FEINSTEIN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HOWARD SIMKA	Emrgncy Phone:	(718) 388-4130
Certified Date:	19981210	Expiration Date:	19990725
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	FYN PAINT & LAQUER CO. INC.		
Mail Contact:	HOWARD SIMKA 230 KENT ANENUE BROOKLYN, NY 11211		
Mail Phone:	(718) 388-4130		
Tank Secret:	False	Date Entered:	07/25/1989 12:47:34
Last Test:	Not reported	Due Date:	Not reported
DEC Reportable Quantities:	1		
Air Reportable Quantities:	Not reported		

C18 **KENT 240 CO** **UST** **U000402959**
South **240 KENT AVE** **N/A**
< 1/8 **BKLYN, NY 11211**
387
Higher

PBS UST:

PBS Number:	2-321478	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 782-0710
Operator:	YORK DISPLAY CO		
Emergency Contact:	STANLEY SINGER - SAMUEL PRAUDA.	(516) 295-3687	
Total Tanks:	1		
Owner:	STANLEY SINGER-SAMUEL PRAUDA 240 KENT AVE BKLYN, NY 11211 (718) 782-0710		
Owner Type:	Corporate/Commercial	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	STANLEY SINGER-SAMUEL PRAUDA 240 KENT AVE BKLYN, NY 11211 (718) 782-0710 Not Reported		
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Capacity (gals):	3000		
Tank Location:	UNDERGROUND		
Tank ID:	001	Install Date:	00/00
Product Stored:	NOS 1,2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steel
Tank Internal:	RUBBER LINER	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	In Service		
Tank Error Status:	Minor Data Missing		
Pipe External:	WRAPPED [PIPING]		
Second Containment:	OTHER		
Leak Detection:	OTHER		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	12/98	Next Test Date:	12/03

KENT 240 CO (Continued) **U000402959**

Date Closed:	Not reported	Test Method:	HORNER
Deleted:	Not reported	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	19970624
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	True	Certification Date:	19971118
Old PBS Number:	Not reported	Expiration Date:	19020817
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		

D19 **NYSDOT - B Q E BRIDGES** **FINDS** **1000191448**
SSW **KENT AVE & GRAND ST** **RCRIS-LQG** **NYD986899862**
< 1/8 **BROOKLYN, NY 11211**
586
Higher

RCRIS:

Owner:	NYSDOT (212) 555-1212
Contact:	DANIEL PASKIE (718) 486-6552
Record Date:	05/31/1990
Classification:	Large Quantity Generator
Used Oil Recyc:	No
Violation Status:	No violations found

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20 **SANDOR SCHWART 2** **UST** **U000407890**
NE **50 5 4TH ST** **N/A**
< 1/8 **BKLYN, NY 11211**
605
Higher

PBS UST:

PBS Number:	2-309427	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 387-2626
Operator:	SANDOR SCHWART 2		
Emergency Contact:	ABE LOUX, (718) 871-5733		
Total Tanks:	1		
Owner:	SANDOR SCHWART 2 50 5 4TH ST BKLYN, NY 1121 (718) 387-2626		
Owner Type:	Corporate/Commercial	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	SANDOR SCHWART 2 50 5 4TH ST BKLYN, NY 1121 (718) 387-2626 Not Reported		

SANDOR SCHWART 2 (Continued) **U000407890**

Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank ID:	001	Install Date:	00/00
Product Stored:	NOS 1,2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steel
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Tank Status:	In Service		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Gravity
Date Tested:	03/88	Next Test Date:	03/93
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	Not reported	Updated:	Not reported
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	19970812
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	19920908
Old PBS Number:	Not reported	Expiration Date:	19971029
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		

D21 **KENT ASSOCIATES** **UST** **U001833477**
SSW **259 KENT AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
694
Higher

PBS UST:

PBS Number:	2-273465	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 963-2233
Operator:	ARTHUR F GREEN		
Emergency Contact:	ARTHUR F GREEN, (201) 783-7029		
Total Tanks:	0		
Owner:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Owner Type:	Not reported	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN NY 11211 (718) 963-2233 Not Reported		
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank ID:	001	Install Date:	00/00

KENT ASSOCIATES (Continued) **U001833477**

Product Stored:	UNLEADED GASOLINE	Tank Type:	Steel/carbon steel
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	Closed Before April 1, 1991		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Not reported	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	00/00	Test Method:	Not reported
Deleted:	Not reported	Updated:	Not reported
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	19871023
Old PBS Number:	Not reported	Expiration Date:	19921023
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
PBS Number:	2-273465	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 963-2233
Operator:	ARTHUR F GREEN		
Emergency Contact:	ARTHUR F GREEN, (201) 783-7029		
Total Tanks:	0		
Owner:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Owner Type:	Not reported	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233 Not Reported		
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank ID:	002	Install Date:	00/00
Prooduct Stored:	UNLEADED GASOLINE	Tank Type:	Steel/carbon steel
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	Closed Before April 1, 1991		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfil Prot:	Not reported	Dispenser:	Suction

KENT ASSOCIATES (Continued) **U001833477**

Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	00/00	Test Method:	Not reported
Deleted:	Not reported	Updated:	Not reported
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	19871023
Old PBS Number:	Not reported	Expiration Date:	19921023
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
PBS Number:	2-273465	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 963-2233
Operator:	ARTHUR F GREEN		
Emergency Contact:	ARTHUR F GREEN, (201) 783-7029		
Total Tanks:	0		
Owner:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Owner Type:	Not reported	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233 Not Reported		
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank ID:	003	Install Date:	00/00
Product Stored:	DIESEL	Tank Type:	Steel/carbon steel
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	Closed Before April 1, 1991		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Not reported	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	00/00	Test Method:	Not reported
Deleted:	Not reported	Updated:	Not reported
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	19871023
Old PBS Number:	Not reported	Expiration Date:	19921023

KENT ASSOCIATES (Continued) **U001833477**

Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
PBS Number:	2-273465	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 963-2233
Operator:	ARTHUR F GREEN		
Emergency Contact:	ARTHUR F GREEN, (201) 783-7029		
Total Tanks:	0		
Owner:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Owner Type:	Not reported	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233 Not Reported		
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank ID:	004	Install Date:	00/00
Product Stored:	OTHER	Tank Type:	Steel/carbon steel
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	Closed Before April 1, 1991		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Not reported	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	00/00	Test Method:	Not reported
Deleted:	Not reported	Updated:	Not reported
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	19871023
Old PBS Number:	Not reported	Expiration Date:	19921023
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
PBS Number:	2-273465	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 963-2233
Operator:	ARTHUR F GREEN		
Emergency Contact:	ARTHUR F GREEN, (201) 783-7029		

KENT ASSOCIATES (Continued) **U001833477**

Total Tanks:	0		
Owner:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Owner Type:	Not reported	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233 Not Reported		
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank ID:	005	Install Date:	00/00
Product Stored:	OTHER	Tank Type:	Steel/carbon steel
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	Closed Before April 1, 1991		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Not reported	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	00/00	Test Method:	Not reported
Deleted:	Not reported	Updated:	Not reported
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	19871023
Old PBS Number:	Not reported	Expiration Date:	19921023
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
PBS Number:	2-273465	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 963-2233
Operator:	ARTHUR F GREEN		
Emergency Contact:	ARTHUR F GREEN, (201) 783-7029		
Total Tanks:	0		
Owner:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Owner Type:	Not reported	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211		

KENT ASSOCIATES (Continued) **U001833477**

(718) 963-2233
Not Reported

Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank ID:	006	Install Date:	00/00
Product Stored:	DIESEL	Tank Type:	Steel/carbon steel
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	Closed Before April 1, 1991		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Not reported	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	00/00	Test Method:	Not reported
Deleted:	Not reported	Updated:	Not reported
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	19871023
Old PBS Number:	Not reported	Expiration Date:	19921023
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		

E22
ESE
1/8-1/4
711
Higher

ROHNER FURNITURE INC
100 METROPOLITAN AVE
BROOKLYN, NY 11211

RCRIS-SQG **1000312939**
FINDS **NYD986884864**

RCRIS:

Owner:	ROHNER FURNITURE INC (212) 555-1212
Contact:	STEFAN ROHNER (718) 599-0024
Record Date:	12/05/1989
Classification:	Small Quantity Generator
Used Oil Recyc:	No
Violation Status:	No violations found

E23
ESE
1/8-1/4
711
Higher

METRO REALTY
100 METROPOLITAN AVE
BKLYN, NY 11211

UST **U000405446**
N/A

METRO REALTY (Continued) **U000405446**

PBS UST:

PBS Number:	2-364878	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 387-5877
Operator:	LEROY DEW (SUPERINTENDENT)		
Emergency Contact:	LEROY DEW (SUPERINTENDENT), (718) 387-5877		
Total Tanks:	1		
Owner:	MORRIS BEILIS 25 SUTTON PL SO NEW YORK, NY 10022 (212) 758-3856		
Owner Type:	Not reported	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	MORRIS BEILIS 25 SUTTON PL SO NEW YORK, NY 10022 (212) 758-3856 Not Reported		
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Capacity (gals):	6000		
Tank Location:	UNDERGROUND		
Tank ID:	001	Install Date:	00/00
Product Stored:	NOS 1,2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steel
Tank Internal:	EPOXY LINER	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	In Service		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/87
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	Not reported	Updated:	Not reported
Dead Letter:	True	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	19930902
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	19880628
Old PBS Number:	Not reported	Expiration Date:	19930628
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		

F24 **D61 KENT AVE. BKLYN/RADIA** **LUST** **S100166970**
SSW **261 KENT AVE.** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
730
Higher

LUST:

Spill Number:	8605975	Region of Spill:	2
Facility Contact:	Not reported	Facility Type:	Not reported
Investigator:	Not reported	SWIS:	61

D61 KENT AVE, BKLYN/RADIA (Continued) **S100166970**

Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: RADIAC RESEARCH
Spiller Address: 261 KENT AVE.
BROOKLYN, NY
Spill Class: Not reported
Spill Closed Dt: 08/05/1987
Spill Cause: Tank Test Failure
Water Affected: Not reported
Spill Notifier: Responsible Party
Spill Date: 12/19/1986 15:00
Cleanup Ceased: 08/05/1987
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: No Penalty
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 09/02/1987
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 01/08/1987
Date Region Sent Summary to Central Office: Not reported
DEC Remarks: Not reported
Spill Cause: TANK TEST FAILURE -AIR PRESSURE TEST

Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 632-33

Resource Affected: Groundwater
Spill Source: Other Commercial/Industrial
PBS Number: Not reported
Reported to Dept: 12/20/1986 10:10

F25
SSW
1/8-1/4
730
Higher

RADIAC RESEARCH CORP
261 KENT AVE
BROOKLYN, NY 11211

RCRIS-SQG **1000245436**
FINDS **NYD986902138**
MLTS

RCRIS:
Owner: JOHN V TEKIN, ELLERY K FOLEY, A F GREEN
(212) 555-1212
Contact: FRANCIS J JR MCKENNA
(718) 963-2233
Record Date: 06/06/1990
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

G26
SSE
1/8-1/4
744
Higher

TRIBORO SHELVING & PARTITION
296 WYTHE AVE
BROOKLYN, NY 11211

RCRIS-SQG **1000871494**
FINDS **NY0000058206**

TRIBORO SHELVING & PARTITION (Continued) **1000871494**

RCRIS:
Owner: JOHN DEMAIO
(718) 782-4185
Contact: JOHN DEMAIO
(718) 782-8527
Record Date: 11/17/1993
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

G27
SSE
1/8-1/4
784
Higher

UNICO SERVICE CORP **RCRIS-SQG** **1001029096**
2575 CONEY ISLAND AVE - 61 PCT **FINDS** **NYR000013284**
BROOKLYN, NY 11223

RCRIS:
Owner: NEW YORK CITY POLICE DEPT
(212) 374-3870
Contact: JED MYERS
(516) 864-1772
Record Date: 09/15/1995
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

28
East
1/8-1/4
820
Higher

COUGAR ELECTRONICS CORP **RCRIS-SQG** **1000232763**
240 WYTHE AVE **FINDS** **NYD044474955**
BROOKLYN, NY 11211

RCRIS:
Owner: COUGAR ELECTRONICS
(212) 555-1212
Contact: FRANK MANDEL
(718) 782-5841
Record Date: 12/05/1986
Classification: Small Quantity Generator

COUGAR ELECTRONICS CORP (Continued) **1000232763**

Used Oil Recyc: No

Violation Status: No violations found

H29
South
1/8-1/4
865
Higher

RADIAC RESEARCH CORP
33 S FIRST ST
BROOKLYN, NY 11211

RCRIS-SQG **1000245435**
FINDS **NYD049178296**
RCRIS-TSD
CORRACTS

CORRACTS Data:
Prioritization: Low
Status: RCRA Facility Assessment Completed

RCRIS Corrective Action Summary:
Effective Date: 11/29/1985
Legal Authority: RCRA 3004(u) or equivalent

RCRIS:
Owner: JOHN TEKIN-ELLEREY FOLEY-ARTHUR GREEN
(212) 963-2233

Contact: FRANCIS MCKENNA
(718) 963-2233

Record Date: 07/21/1980

Classification: TSDF, Hazardous Waste Transporter

BIENNIAL REPORTS:
Last Biennial Reporting Year: 1995

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	0.00	D002	0.00
D003	0.00	D006	0.00
D007	0.00	D008	0.00
D009	0.00	D011	0.00
D018	0.00	D019	0.00
D022	0.00	D035	0.00
D038	0.00	D043	0.00
F002	0.00	F003	0.00
U036	0.00	U108	0.00
U201	0.00		

Used Oil Recyc: No

TSDF Activities: accepts waste from off-site

Violation Status: Violation information exist

RADIAC RESEARCH CORP (Continued) **1000245435**

There are 17 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection (CEI)	TSD-Land Ban Requirements	
	TSD-Other Requirements	
	TSD-Other Requirements	
	TSD-Land Ban Requirements	
Compliance Evaluation Inspection (CEI)	TSD-Land Ban Requirements	
	TSD-Other Requirements	
RCRA CEI Performed with the Screening Checklist	TSD-Other Requirements	04/17/1996
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	04/17/1996
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	01/30/1995
	TSD-Land Ban Requirements	05/17/1995
	TSD-Other Requirements	05/17/1995
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	01/30/1992
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	05/28/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	05/28/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	01/30/1992
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	09/24/1990
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	09/30/1986
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	08/20/1986
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	07/11/1986
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	07/12/1985

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Enforcement Docket System (DOCKET)

H30 **RADIAC ENVIRONMENTAL SERVICES** **TX IHW** **S103613679**
South **33 S 1ST ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
865
Higher

TX IHW:

Registration Number:	84404
Registration Initial Notification Date:	03/19/1996
Registration Last Amendment Date:	Not reported
EPA Identification:	NYD
TNRCC Permit Number:	049:78296
Description of Facility Site Location:	33 S 1st Street, Brooklyn, NY
Site Primary Standard Industrial Code:	Not reported
Registration is a Generator of Waste:	No
Registration is a Receivers of Waste:	No
Registration is a Transporter of Waste:	Yes
Registration is a Transfer Facility:	No
Mexican Facility:	Does not represent a Maquiladora (Mexican Facility)
Facility Status:	Active
Type of Generator:	Not reported
Company Name:	Radiac Research Corporation
Facility County:	Not reported
TNRCC Region:	Not reported
Mailing Address:	261 Kent Avenue Brooklyn, NY 11211
Mailing County:	USA

RADIAC ENVIRONMENTAL SERVICES (Continued) **S103613679**

Contact: Joe Mahal
Contact Telephone Number: 718-963-2233

Additional detail may be available for this site. Please contact your EDR Account Executive for more information

I31 **USA WASTE SERVICES, INC.** **UST** **U003153163**
NE **2 N 5TH ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
897
Higher

PBS UST:

PBS Number:	2-602533	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 384-5151
Operator:	USA WASTE SERVICES		
Emergency Contact:	RODNEY L. WOOSTER, (201) 228-7063		
Total Tanks:	0		
Owner:	MEKBOH RECYCLING, INC. 2 NORTH 5TH STREET BROOKLYN, NY 11211 (718) 384-5151		
Owner Type:	Corporate/Commercial	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	USA WASTE OF NEW YORK CITY 2 NORTH FIFTH STREET BROOKLYN, NY 11211 (718) 384-5151 ATTN: MR. RODNEY L. WOOSTER		
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank ID:	001	Install Date:	00/00
Product Stored:	DIESEL	Tank Type:	Steel/carbon steel
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	Closed-Removed		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	Automatic Shut-Off	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	11/96	Test Method:	Not reported
Deleted:	Not reported	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	19951115
Old PBS Number:	Not reported	Expiration Date:	19001108
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		

USA WASTE SERVICES, INC. (Continued) **U003153163**

PBS Number:	2-602533	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 384-5151
Operator:	USA WASTE SERVICES		
Emergency Contact:	RODNEY L. WOOSTER, (201) 228-7063		
Total Tanks:	0		
Owner:	MEKBOH RECYCLING, INC. 2 NORTH 5TH STREET BROOKLYN, NY 11211 (718) 384-5151		
Owner Type:	Corporate/Commercial	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	USA WASTE OF NEW YORK CITY 2 NORTH FIFTH STREET BROOKLYN, NY 11211 (718) 384-5151 ATTN: MR. RODNEY L. WOOSTER		
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank ID:	002	Install Date:	00/00
Product Stored:	DIESEL	Tank Type:	Steel/carbon steel
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	Closed-Removed		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	Automatic Shut-Off	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	11/96	Test Method:	Not reported
Deleted:	Not reported	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	19951115
Old PBS Number:	Not reported	Expiration Date:	19001108
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		

PBS Number:	2-602533	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 384-5151
Operator:	USA WASTE SERVICES		
Emergency Contact:	RODNEY L. WOOSTER, (201) 228-7063		
Total Tanks:	0		
Owner:	MEKBOH RECYCLING, INC. 2 NORTH 5TH STREET BROOKLYN, NY 11211		

USA WASTE SERVICES, INC. (Continued) **U003153163**

(718) 384-5151

Owner Type:	Corporate/Commercial	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	USA WASTE OF NEW YORK CITY 2 NORTH FIFTH STREET BROOKLYN, NY 11211 (718) 384-5151 ATTN: MR. RODNEY L. WOOSTER		
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank ID:	003	Install Date:	00/00
Product Stored:	DIESEL	Tank Type:	Steel/carbon steel
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	Closed-Removed		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	Automatic Shut-Off	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	11/96	Test Method:	Not reported
Deleted:	Not reported	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	19951115
Old PBS Number:	Not reported	Expiration Date:	19001108
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
PBS Number:	2-602533	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 384-5151
Operator:	USA WASTE SERVICES		
Emergency Contact:	RODNEY L. WOOSTER, (201) 228-7063		
Total Tanks:	0		
Owner:	MEKBOH RECYCLING, INC. 2 NORTH 5TH STREET BROOKLYN, NY 11211 (718) 384-5151		
Owner Type:	Corporate/Commercial	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	USA WASTE OF NEW YORK CITY 2 NORTH FIFTH STREET BROOKLYN, NY 11211 (718) 384-515' ATTN: MR. RODNEY L. WOOSTER		
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		

USA WASTE SERVICES, INC. (Continued) **U003153163**

Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank ID:	004	Install Date:	00/00
Product Stored:	DIESEL	Tank Type:	Steel/carbon steel
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	Closed-Removed		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	Automatic Shut-Off	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	11/96	Test Method:	Not reported
Deleted:	Not reported	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	19951115
Old PBS Number:	Not reported	Expiration Date:	19001108
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		

I32 **USA WASTE OF NYC** **LUST** **S102662713**
NE **2 N 5TH ST** **N/A**
1/8-1/4 **BROOKLYN, NY**
897
Higher

LUST:

Spill Number:	9609934	Region of Spill:	2
Facility Contact:	RODNEY WOOSTER	Facility Tele:	(718) 384-5151
Investigator:	O'DOWD	SWIS:	61
Caller Name:	JOHN JAVA	Caller Agency:	WOODWARD-CLYDE
Caller Phone:	(201) 812-6815	Caller Extension:	Not reported
Notifier Name:	RODNEY WOOSTER	Notifier Agency:	USA WASTE
Notifier Phone:	(718) 384-5151	Notifier Extension:	Not reported
Spiller Contact:	RODNEY WOOSTER	Spiller Phone:	(718) 384-5151
Spiller:	USA WASTE OF NYC		
Spiller Address:	2 N 5TH ST BROOKLYN, NY		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	11/08/1996 12:00	Reported to Dept:	11/08/1996 14:41
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		

USA WASTE OF NYC (Continued) **S102662713**

Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 11/18/1996
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 11/08/1996
Date Region Sent Summary to Central Office: Not reported
DEC Remarks: Not reported
Spill Cause: during removal of tanks found contaminated soil

33
SE
1/8-1/4
936
Higher

GARCIA-RIVERA PROPERTY
98 N 1ST ST
BROOKLYN, NY 11211

FINDS **1000171304**
RCRIS-LQG **NYD981563737**

RCRIS:
Owner: ELLEN & OSCAR GARCIA-RIVERA
(212) 555-1212
Contact: ELLEN GARCIA RIVERA
(718) 782-2541
Record Date: 10/30/1986
Classification: Large Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

34
SSE
1/8-1/4
974
Higher

G & S DESIGNS, INC.
314-326 WYTHE AVE
BROOKLYN, NY 11211

UST **U001329614**
N/A

PBS UST:
PBS Number: 2-600877 CBS Number: Not reported
SPDES Number: Not reported
SWIS ID: 6101 Telephone: (718) 388-8580
Operator: J. GORLICK
Emergency Contact: J. GORLICK, (516) 741-3845
Total Tanks: 1
Owner: JEFFREY GORLICK
314-326 WYTHE AVE.
BROOKLYN, NY 11211
(718) 388-8580
Owner Type: Not reported Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: G & S DESIGNS, INC.
314-326 WYTHE AVE.
BROOKLYN, NY 11211
(718) 388-8580
ATTN: JEFFREY GORLICK
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Capacity (gals): 2500
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank ID: 001 Install Date: 09/81

G & S DESIGNS, INC. (Continued) **U001329614**

Product Stored:	NOS 1,2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steel
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	In Service		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	Vent Whistle	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	N.T.R
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	Not reported	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	19970624
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	19970731
Old PBS Number:	Not reported	Expiration Date:	19020811
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		

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35 **STATE PIPE & NIPPLE CORP** **FINDS** **1000397516**
East **185 WYTHE AVE** **RCRIS-LQG** **NYD000831495**
1/8-1/4 **BROOKLYN, NY 11211**
1049
Higher

RCRIS:

Owner:	STATE PIPE & NIPPLE CORP (212) 555-1212
Contact:	HENRY KRONHAUS (718) 782-7585
Record Date:	09/29/1980
Classification:	Large Quantity Generator
Used Oil Recyc:	No
Violation Status:	No violations found

J36 **H & B PLASTICS PLATING** **FINDS** **1000103758**
South **299 WYTHE AVE** **RCRIS-LQG** **NYD982270597**
1/8-1/4 **BROOKLYN, NY 11211**
1134
Higher

H & B PLASTICS PLATING (Continued) **1000103758**

RCRIS:
Owner: H & B PLASTICS PLATING
(212) 555-1212
Contact: HASSAN HAGHANEGI
(718) 486-7530
Record Date: 07/06/1987
Classification: Large Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

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37 SSW 1/8-1/4 1148 Higher **SOUTH 2ND AVE & KENT AVE** **LUST** **S102671269**
SOUTH 2ND AVE / KENT AVE **N/A**
NEW YORK CITY, NY

LUST:

Spill Number:	8800834	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SIGONA	SWIS:	61
Caller Name:	PETTY OFFICER	Caller Agency:	USCG
Caller Phone:	(212) 668-7920	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	TRINITY SIERRA/BARGE		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	04/28/1988		
Spill Cause:	Tank Overfill	Resource Affected:	Surface Water
Water Affected:	EAST RIVER	Spill Source:	Vessel
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	04/27/1988 12:45	Reported to Dept:	04/27/1988 13:08
Cleanup Ceased:	04/28/1988		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	Not reported		
Is Updated:	False		

Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 05/05/1988
Date Region Sent Summary to Central Office: Not reported
DEC Remarks: Not reported
Spill Cause: USCG WILL TRY TO INVESTIGATE. USCG WAITING FOR DEC TO NOTIFY THEM OF AN Y ACTION.

J38 **LEXA METAL CORP** **RCRIS-SQG** **1000556203**
South **303 WYTHE AVE** **FINDS** **NYD986987626**
1/8-1/4 **BROOKLYN, NY 11211**
1186
Higher

RCRIS:
Owner: NON-NOTIFIER
(212) 555-1212
Contact: Not reported
Record Date: 02/03/1992
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

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39 **49 SOUTH 2ND ST/BKLYN** **NY Spills** **S102141735**
South **49 S 2ND ST** **CBS AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
1193
Higher

SPILLS:

Spill Number:	9008607	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SIGONA	SWIS:	61
Caller Name:	DAVE DEMONE	Caller Agency:	AMSTAR SUGAR CORP
Caller Phone:	(718) 387-6800	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	AMSTAR SUGAR CORP		
Spiller Address:	Not reported		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	11/15/1994		
Spill Cause:	Housekeeping	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Major Facility 400,000 gallons
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	10/22/1990 13:00	Reported to Dept:	11/06/1990 14:12
Cleanup Ceased:	11/15/1994		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	11/15/1994		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	11/07/1990		
Date Region Sent Summary to Central Office:	Not reported		

Remark: CONTAINED INSIDE BLDGS, DEC (SIGONA) INVESTIGATED. SPILL IN BASEMENT SEV ERAL HUNDRED GALLONS FOLLOWUP INSPECTIONS REVEALED THAT CLEANUP WAS P ROPERLY IMPLEMENTED AS PER DEC ORDERS.
DEC Remarks: 11/15/94: FACILITY IS CURRENTLY NAMED AS DOMINO SUGAR.

49 SOUTH 2ND ST/BKLYN (Continued) **S102141735**

CBS AST:

CBS Number:	2-000194	Telephone:	(718) 387-6800
Owner:	DOMINO SUGAR CORP. 1114 AVENUE OF THE AMERICAS NEW YORK, NY 10036 (212) 789-9700		
Facility Status:	Active		
Tank ID:	CAU02	Total Tanks	1
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	12/50		
Capacity (Gal):	560		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	None		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Sodium hydroxide		
Acutely Hazardous:	False	Tank Closed:	Not reported
PBS Number:	Not reported	SWIS Code:	6101
MOSF Number:	2-2440	CAS Number:	1310732
SPDES Number:	0-008443	ICS Number:	2-177752
Facility Type:	Manufacturing		
Operator:	LAEL J. PAULSON	Facility Town:	NEW YORK CITY
Emrgncy Contact:	LAEL PAULSON	Emrgncy Phone:	(718) 387-6807
Certified Date:	19980123	Expiration Date:	19000118
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	DOMINO SUGAR CORP.		
Mail Contact:	LAEL J. PAULSON 49 SOUTH 2 STREET BROOKLYN, NY 11211		
Mail Phone:	(718) 387-6800		
Tank Secret:	False	Date Entered:	01/18/1990 07:49:09
Last Test:	Not reported	Due Date:	Not reported

DEC Reportable Quantities: 100
Air Reportable Quantities: Not reported

40
ENE
1/8-1/4
1208
Higher

CENTURY WASTE SYSTEMS INC
57 N 6TH ST
BROOKLYN, NY 11211

RCRIS-SQG **1000422543**
FINDS **NYD986875359**

CENTURY WASTE SYSTEMS INC (Continued) **1000422543**

RCRIS:
Owner: Not reported
Contact: HCONTFIRST HCONTLAST
(212) 555-1212
Record Date: 08/08/1988
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

K41 **GARSHING CO., ZND.** **UST** **U003312902**
ESE **201 BERRY ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
1243
Higher

PBS UST:

PBS Number:	2-603536	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 388-3836
Operator:	DONNA KHA		
Emergency Contact:	DONNA KHA, (718) 388-3836		
Total Tanks:	0		
Owner:	GAR SHING REALTY CORPORATION 201 BERRY STREET BROOKLYN, NY 11211 (718) 388-3836		
Owner Type:	Corporate/Commercial	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	GAR SHING CO. INC. 201 BERRY STREET BROOKLYN, NY 11211 (718) 388-3836 ATTN: MS. DONNA KHA		
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Capacity (gals):	3000		
Tank Location:	UNDERGROUND		
Tank ID:	001	Install Date:	00/00
Product Stored:	NOS 1,2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steel
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Tank Status:	Closed-In Place		
Tank Error Status:	No Missing Data		
Pipe External:	NONE/NONE		
Secone Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	07/98	Test Method:	Not reported
Deleted:	Not reported	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported

GARSHING CO., ZND. (Continued) **U003312902**

Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	19980629
Old PBS Number:	Not reported	Expiration Date:	19030625
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		

K42 **SCHIFF FOOD PRODUCTS** **UST** **U001833957**
ESE **190 BERRY ST (107 N 3RD ST)** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
1256
Higher

PBS UST:

PBS Number:	2-249262	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 782-4353
Operator:	SCHIFF-DEUTSCHER HOLDING CORP		
Emergency Contact:	COASTAL PETROLEUM TANK CORP, (212) 475-4263		
Total Tanks:	1		
Owner:	SCHIFF-DEUTSCHER HOLDING CORP 190 BERRY STREET BROOKLYN, NY 11211 (718) 782-4353		
Owner Type:	Corporate/Commercial	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	SCHIFF-DEUTSCHER HOLDING CORP 190 BERRY STREET BROOKLYN, NY 11211 (718) 782-4353 ATTN: DAVID DEUTSHER		
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Capacity (gals):	10000		
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS		
Tank ID:	001	Install Date:	00/00
Product Stored:	NOS 1,2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steel
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	In Service		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	N.T.R
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	Not reported	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	19970611
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	19970709
Old PBS Number:	Not reported	Expiration Date:	19020707
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		

SCHIFF FOOD PRODUCTS (Continued) **U001833957**

Lat/long: Not reported
Facility Type: MANUFACTURING

43
South
1/8-1/4
1276
Higher

SPECTRONICS ELECTROPLATING COR
66 S 2ND ST
BROOKLYN, NY 11211

RCRIS-SQG **1000871601**
FINDS **NY0000075317**

RCRIS:
Owner: SAMUEL WILLIAMS
(718) 599-1447
Contact: SAM WILLIAMS
(718) 599-1447
Record Date: 12/07/1993
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

L44
ENE
1/8-1/4
1303
Higher

MONTROSE TEXTILE MACHINERY CO
71 N 6TH ST
BROOKLYN, NY 11211

RCRIS-SQG **1000554339**
FINDS **NYD986968006**

RCRIS:
Owner: MONTROSE TEXTILE MACHINERY CO
(718) 782-7929
Contact: FRED MUCHNICK
(718) 782-7929
Record Date: 08/20/1991
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

L45
ENE
1/8-1/4
1303
Higher

MONTROSE SUPPLY & EQUIP CO
71 N 6TH ST
BROOKLYN, NY 11211

UST **U003074279**
AST **N/A**

PBS UST:
PBS Number: 2-031712 CBS Number: Not reported
SPDES Number: Not reported
SWIS ID: 6101 Telephone: (718) 263-4000
Operator: MONTROSE SUPPLY & EQUIP CO
Emergency Contact: NATHAN OR JERRY MUCHNICK, (718) 263-5000
Total Tanks: 2
Owner: MONTROSE SUPPLY & EQUIP CO
71 NORTH 6TH ST
BROOKLYN, NY 11211

MONTROSE SUPPLY & EQUIP CO (Continued) **U003074279**

(718) 263-4000

Owner Type:	Not reported	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	MONTROSE SUPPLY & EQUIP CO 71 NORTH 6TH ST BROOKLYN, NY 11211 (718) 263-4000 Not Reported		
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank ID:	008	Install Date:	03/71
Product Stored:	OTHER	Tank Type:	Steel/carbon steel
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Tank Status:	In Service		
Tank Error Status:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Not reported	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/87
Date Closed:	00/00	Test Method:	Not reported
Deleted:	Not reported	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	19970425
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	19920529
Old PBS Number:	Not reported	Expiration Date:	19961202
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		

PBS AST:

PBS Number:	2-031712	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	Not reported		
Owner Type:	Not reported		
Owner Sub Type:	Not reported		
Owner:	MONTROSE SUPPLY & EQUIP CO 71 NORTH 6TH ST BROOKLYN, NY 11211		
Owner Phone:	(718) 263-4000		
Facility Phone:	(718) 263-4000		
Operator:	MONTROSE SUPPLY & EQUIP CO		
Emergency Name:	NATHAN OR JERRY MUCHNICK		
Emergency Phone:	(718) 263-5000		
Total Tanks:	2		
Total Capacity:	Not reported		
Tank ID:	001		

MONTROSE SUPPLY & EQUIP CO (Continued) **U003074279**

Tank Status:	In Service		
Capacity (Gal):	2000		
Tank Error Status:	Minor data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	03/71		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Not reported	Dispenser Method:	Suction
Date Tested:	Not reported	Next Test Date:	N.T.R
Date Closed:	Not reported	Test Method:	Not reported
Updated:	Not reported	Deleted:	Not reported
Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	MONTROSE SUPPLY & EQUIP CO		
Mailing Address:	71 NORTH 6TH ST BROOKLYN, NY 11211		
Mailing Contact:	Not reported	Mailing Telephone:	(718) 263-4000
Owner Mark:	First Owner	Expiration Date:	19961202
Certification Flag:	False	Certification Date:	19920529
Renew Flag:	True	Renew Date:	19970425
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	Minor data missing		
Tank Screen:	Minor data missing		

Fiscal Amount for Registration Fee is Correct: True

PBS Number:	2-031712	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	Not reported		
Owner Type:	Not reported		
Owner Sub Type:	Not reported		
Owner:	MONTROSE SUPPLY & EQUIP CO 71 NORTH 6TH ST BROOKLYN, NY 11211		
Owner Phone:	(718) 263-4000		
Facility Phone:	(718) 263-4000		
Operator:	MONTROSE SUPPLY & EQUIP CO		
Emergency Name:	NATHAN OR JERRY MUCHNICK		
Emergency Phone:	(718) 263-5000		
Total Tanks:	2		
Total Capacity:	Not reported		
Tank ID:	007		
Tank Status:	Closed Before April 1, 1991		
Capacity (Gal):	1000		
Tank Error Status:	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		

MONTROSE SUPPLY & EQUIP CO (Continued) **U003074279**

Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	05/66		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Not reported	Dispenser Method:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Updated:	True	Deleted:	Not reported
Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	MONTROSE SUPPLY & EQUIP CO		
Mailing Address:	71 NORTH 6TH ST BROOKLYN, NY 11211		
Mailing Contact:	Not reported	Mailing Telephone:	(718) 263-4000
Owner Mark:	First Owner	Expiration Date:	19961202
Certification Flag:	False	Certification Date:	19920529
Renew Flag:	True	Renew Date:	19970425
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	Minor data missing		
Tank Screen:	Minor data missing		

Fiscal Amount for Registration Fee is Correct: True

PBS Number:	2-031712	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	Not reported		
Owner Type:	Not reported		
Owner Sub Type:	Not reported		
Owner:	MONTROSE SUPPLY & EQUIP CO 71 NORTH 6TH ST BROOKLYN, NY 11211		
Owner Phone:	(718) 263-4000		
Facility Phone:	(718) 263-4000		
Operator:	MONTROSE SUPPLY & EQUIP CO		
Emergency Name:	NATHAN OR JERRY MUCHNICK		
Emergency Phone:	(718) 263-5000		
Total Tanks:	2		
Total Capacity:	Not reported		
Tank ID:	002		
Tank Status:	Closed Before April 1, 1991		
Capacity (Gal):	1000		
Tank Error Status:	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	05/66		
Tank Internal:	Not reported		

MONTROSE SUPPLY & EQUIP CO (Continued) **U003074279**

Tank External:	Not reported		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Not reported	Dispenser Method:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Updated:	True	Deleted:	Not reported
Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	MONTROSE SUPPLY & EQUIP CO		
Mailing Address:	71 NORTH 6TH ST BROOKLYN, NY 11211		
Mailing Contact:	Not reported	Mailing Telephone:	(718) 263-4000
Owner Mark:	First Owner	Expiration Date:	19961202
Certification Flag:	False	Certification Date:	19920529
Renew Flag:	True	Renew Date:	19970425
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	Minor data missing		
Tank Screen:	Minor data missing		

Fiscal Amount for Registration Fee is Correct: True

PBS Number:	2-031712	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	Not reported		
Owner Type:	Not reported		
Owner Sub Type:	Not reported		
Owner:	MONTROSE SUPPLY & EQUIP CO 71 NORTH 6TH ST BROOKLYN, NY 11211		
Owner Phone:	(718) 263-4000		
Facility Phone:	(718) 263-4000		
Operator:	MONTROSE SUPPLY & EQUIP CO		
Emergency Name:	NATHAN OR JERRY MUCHNICK		
Emergency Phone:	(718) 263-5000		
Total Tanks:	2		
Total Capacity:	Not reported		
Tank ID:	003		
Tank Status:	Closed Before April 1, 1991		
Capacity (Gal):	1000		
Tank Error Status:	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	05/66		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		

MONTROSE SUPPLY & EQUIP CO (Continued) **U003074279**

Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Not reported	Dispenser Method:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Updated:	True	Deleted:	Not reported
Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	MONTROSE SUPPLY & EQUIP CO		
Mailing Address:	71 NORTH 6TH ST BROOKLYN, NY 11211		
Mailing Contact:	Not reported	Mailing Telephone:	(718) 263-4000
Owner Mark:	First Owner	Expiration Date:	19961202
Certification Flag:	False	Certification Date:	19920529
Renew Flag:	True	Renew Date:	19970425
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	Minor data missing		
Tank Screen:	Minor data missing		

Fiscal Amount for Registration Fee is Correct: True

PBS Number:	2-031712	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	Not reported		
Owner Type:	Not reported		
Owner Sub Type:	Not reported		
Owner:	MONTROSE SUPPLY & EQUIP CO 71 NORTH 6TH ST BROOKLYN, NY 11211		
Owner Phone:	(718) 263-4000		
Facility Phone:	(718) 263-4000		
Operator:	MONTROSE SUPPLY & EQUIP CO		
Emergency Name:	NATHAN OR JERRY MUCHNICK		
Emergency Phone:	(718) 263-5000		
Total Tanks:	2		
Total Capacity:	Not reported		
Tank ID:	004		
Tank Status:	Closed Before April 1, 1991		
Capacity (Gal):	1000		
Tank Error Status:	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	05/66		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Not reported	Dispenser Method:	Gravity

MONTROSE SUPPLY & EQUIP CO (Continued) **U003074279**

Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Updated:	True	Deleted:	Not reported
Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	MONTROSE SUPPLY & EQUIP CO		
Mailing Address:	71 NORTH 6TH ST BROOKLYN, NY 11211		
Mailing Contact:	Not reported	Mailing Telephone:	(718) 263-4000
Owner Mark:	First Owner	Expiration Date:	19961202
Certification Flag:	False	Certification Date:	19920529
Renew Flag:	True	Renew Date:	19970425
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	Minor data missing		
Tank Screen:	Minor data missing		

Fiscal Amount for Registration Fee is Correct: True

PBS Number:	2-031712	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	Not reported		
Owner Type:	Not reported		
Owner Sub Type:	Not reported		
Owner:	MONTROSE SUPPLY & EQUIP CO 71 NORTH 6TH ST BROOKLYN, NY 11211		
Owner Phone:	(718) 263-4000		
Facility Phone:	(718) 263-4000		
Operator:	MONTROSE SUPPLY & EQUIP CO		
Emergency Name:	NATHAN OR JERRY MUCHNICK		
Emergency Phone:	(718) 263-5000		
Total Tanks:	2		
Total Capacity:	Not reported		
Tank ID:	005		
Tank Status:	Closed Before April 1, 1991		
Capacity (Gal):	1000		
Tank Error Status:	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	05/66		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Not reported	Dispenser Method:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Updated:	True	Deleted:	Not reported
Inspected:	Not reported	Inspector:	Not reported

MONTROSE SUPPLY & EQUIP CO (Continued) **U003074279**

Result of Inspection: Not reported
Mailing Name: MONTROSE SUPPLY & EQUIP CO
Mailing Address: 71 NORTH 6TH ST
BROOKLYN, NY 11211
Mailing Contact: Not reported
Mailing Telephone: (718) 263-4000
Owner Mark: First Owner
Expiration Date: 19961202
Certification Flag: False
Certification Date: 19920529
Renew Flag: True
Renew Date: 19970425
Dead Letter: False
Facility Screen: Minor data missing
Owner Screen: Minor data missing
Tank Screen: Minor data missing
Fiscal Amount for Registration Fee is Correct: True

PBS Number: 2-031712
CBS Number: Not reported
SPDES Number: Not reported
SWIS Code: 6101
Federal ID: Not reported
Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: Not reported
Owner Type: Not reported
Owner Sub Type: Not reported
Owner: MONTROSE SUPPLY & EQUIP CO
71 NORTH 6TH ST
BROOKLYN, NY 11211
Owner Phone: (718) 263-4000
Facility Phone: (718) 263-4000
Operator: MONTROSE SUPPLY & EQUIP CO
Emergency Name: NATHAN OR JERRY MUCHNICK
Emergency Phone: (718) 263-5000
Total Tanks: 2
Total Capacity: Not reported
Tank ID: 006
Tank Status: Closed Before April 1, 1991
Capacity (Gal): 1000
Tank Error Status: Minor data missing
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Product Stored: OTHER
Tank Type: Steel/carbon steel
Install Date: 05/66
Tank Internal: Not reported
Tank External: Not reported
Tank Containment: NONE
Pipe Type: STEEL/IRON
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Leak Detection: NONE
Overfill Protection: Not reported
Dispenser Method: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Date Closed: Not reported
Test Method: Not reported
Updated: True
Deleted: Not reported
Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: MONTROSE SUPPLY & EQUIP CO
Mailing Address: 71 NORTH 6TH ST
BROOKLYN, NY 11211

MONTROSE SUPPLY & EQUIP CO (Continued) **U003074279**

Mailing Contact:	Not reported	Mailing Telephone:	(718) 263-4000
Owner Mark:	First Owner	Expiration Date:	19961202
Certification Flag:	False	Certification Date:	19920529
Renew Flag:	True	Renew Date:	19970425
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	Minor data missing		
Tank Screen:	Minor data missing		

Fiscal Amount for Registration Fee is Correct: True

46
South
1/4-1/2
1587
Higher

65 SOUTH 3RD STREET **LUST** **S101103247**
65 SOUTH 3RD STREET **N/A**
BROOKLYN, NEW YORK, NY

LUST:

Spill Number:	9401369	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TIBBE	SWIS:	61
Caller Name:	KIM HANNA	Caller Agency:	N.Y.C. DEP
Caller Phone:	(718) 595-4691	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Private Dwelling
Spill Notifier:	Local Agency	PBS Number:	Not reported
Spill Date:	04/28/1994 11:00	Reported to Dept:	04/28/1994 13:19
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	Not reported		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	05/03/1994		
Date Region Sent Summary to Central Office:	Not reported		
DEC Remarks:	Not reported		
Spill Cause:	275 GALLON OIO TANK IN BACK YD. ONE LEAKING ON PROPERITY ON TO STREET N YC DEP. AT SITE & WOULD LIKE DEC. REG. AT SITE.		

47
ENE
1/4-1/2
1795
Higher

146 WYTHE AVE/BROOKLYN **LUST** **S100142800**
146 WYTHE AVENUE **N/A**
NEW YORK CITY, NY

LUST:

146 WYTHE AVE/BROOKLYN (Continued) **S100142800**

Spill Number:	8905160	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	FINGER	SWIS:	61
Caller Name:	EVELYN MALONE	Caller Agency:	CITIZEN
Caller Phone:	(212) 412-3497	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	08/24/1989		
Spill Cause:	Tank Test Failure	Resource Affected:	Air
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Affected Persons	PBS Number:	Not reported
Spill Date:	08/23/1989 16:45	Reported to Dept:	08/24/1989 14:30
Cleanup Ceased:	08/24/1989		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	Not reported		
Is Updated:	False		

Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/06/1989
Date Region Sent Summary to Central Office: Not reported
DEC Remarks: Not reported
Spill Cause: CONTRACTOR SAND BLASTING ADJACENT BLDG CAUSING MATERIAL TO AFFECT RESIDENTS OF THE NEIGHBORHOOD, REFERRED CASE TO THE NYCDEP & DOH.

M48 **154-158 NORTH 7TH ST/BKLY** **LUST** **S100167798**
East **154-158 N 7TH ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
2062
Higher

LUST:

Spill Number:	8909928	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SIGONA	SWIS:	61
Caller Name:	NAT MOSER	Caller Agency:	GND
Caller Phone:	(516) 933-1085	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	(718) 388-9360
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	01/16/1990 15:45	Reported to Dept:	01/16/1990 16:22
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

154-158 NORTH 7TH ST/BKLY (Continued) **S100167798**

Cleanup Meets Standard: False
Recommended Penalty: No Penalty
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 11/15/1994
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 01/23/1990
Date Region Sent Summary to Central Office: Not reported
DEC Remarks: Not reported
Spill Cause: 3K TANK FAILED PETRO TITE WITH A LEAK RATE OF -.161GPH.

M49
East
1/4-1/2
2062
Higher

SERVICE PLATING CO LTD
154 N 7TH ST
BROOKLYN, NY 11211

CERCLIS **1000432493**
RCRIS-SQG **NYD001384072**
FINDS
UST

CERCLIS Classification Data:
Site Incident Category: Not reported
Ownership Status: Not reported
Contact: BOBBY DEASE
Contact: MARK SAVEDOFF
Contact: MARK SAVEDOFF
Site Description: NYC Dept. of Environmental Protection responded to odor complaints, issued notice letters to which there was no action by the owner. The site which is non-operational, contains acids, cyanides in open vats, tanks, etc. Preliminary assessment indica tes site is removal eligible.
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Contact Tel: (732) 906-6893
Contact Tel: (732) 321-4341
Contact Tel: (908) 321-4341

CERCLIS Assessment History:
Assessment: REMOVAL ASSESSMENT
Assessment: REMOVAL
Completed: 19980810
Completed: Not reported

CERCLIS Site Status:
Cleaned up

RCRIS:
Owner: SERVICE PLATING COMPANY LTD
(212) 555-1212
Contact: FRED ACCINELLIAL
718EV89360
Record Date: 11/10/1980
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

SERVICE PLATING CO LTD (Continued) **1000432493**

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
National Compliance Database (NCDB)

PBS UST:

PBS Number:	2-479748	CBS Number:	Not reported
SPDES Number:	Not reported		
SWIS ID:	6101	Telephone:	(718) 388-9360
Operator:	RUBEN A. MINERNSKY		
Emergency Contact:	RUBEN A. MINERNSKY, (516) 538-0423		
Total Tanks:	1		
Owner:	154 NORTH 7TH STREET R. E. CORPORATION 154 NORTH 7TH STREET BROOKLYN, NY 11211 (718) 388-9360		
Owner Type:	Corporate/Commercial	Owner Mark:	First Owner
Owner Subtype:	Not reported		
Mailing Address:	ALL PLATING CORPORATION 154 NORTH 7TH STREET BROOKLYN, NY 11211 (718) 388-9360 ATTN: RUBEN A. MIRENSKY		
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Capacity (gals):	3000		
Tank Location:	UNDERGROUND		
Tank ID:	001	Install Date:	00/00
Product Stored:	NOS 1,2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steel
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	None	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/87
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	Not reported	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	Not reported	Renewal Date:	19941003
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	19950130
Old PBS Number:	Not reported	Expiration Date:	19000131
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		

50
South
1/4-1/2
2084
Higher

CHROMIUM PLATING & POLISHING CORP
373 WYTHE AVE
BROOKLYN, NY 11211

FINDS **1000334778**
RCRIS-LQG **NYD041975715**
LUST

CHROMIUM PLATING & POLISHING CORP (Continued) **1000334778**

RCRIS:
Owner: MARIO FICHERA
(212) 555-1212

Contact: MARIO FICHERA
(718) 387-9898

Record Date: 11/10/1980

Classification: Large Quantity Generator

BIENNIAL REPORTS:
Last Biennial Reporting Year: 1995

Waste	Quantity (Lbs)
F006	1754056.71

Used Oil Recyc: No

Violation Status: Violation information exist

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	11/21/1988

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

LUST:

Spill Number:	8801453	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	BATTISTA	SWIS:	61
Caller Name:	NAT MOSER	Caller Agency:	GND
Caller Phone:	(516) 933-1085	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	(718) 387-9898
Spiller:	MARIO FIFCHERA(CONTACT)		
Spiller Address:	373 WYTHE AV BKLN, NY 11211		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	03/04/1994		
Spill Cause:	Tank Test Failure	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	2-095214
Spill Date:	05/17/1988 11:00	Reported to Dept:	05/17/1988 13:17
Cleanup Ceased:	03/04/1994		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	05/12/1994		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		

CHROMIUM PLATING & POLISHING CORP (Continued) **1000334778**

Date Spill Entered In Computer Data File: 05/19/1988
Date Region Sent Summary to Central Office: Not reported
DEC Remarks: / / : E & I & R. 11/15/93: E & I & R. REPAIRED RETESTED AND PASSED 10/88. NO CONTAMINATION.
Spill Cause: 5K TANK, L R = UNDETERMINABLE, THEY COULDN'T MAINTAIN LEVEL IN STAND PI PE. INIT PETRO-TITE SYSTEM. 7/19 : RETEST L R = -0.219 GPH. NO ACTI ON.

---

51 **ST. VINCENT CHURCH/BKLYN** **LUST** **S100167758**
ESE **167 NORTH 5TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
2133
Higher

LUST:

Spill Number:	8906957	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	BATTISTA	SWIS:	61
Caller Name:	WILLIAM GUNDERSON	Caller Agency:	GND
Caller Phone:	(516) 933-1085	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	ST. VINCENT CHURCH		
Spiller Address:	167 NORTH 5TH STREET BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Non Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	10/16/1989 13:00	Reported to Dept:	10/16/1989 13:38
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	11/27/1992		
Is Updated:	False		

Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/16/1989
Date Region Sent Summary to Central Office: Not reported
DEC Remarks: Not reported
Spill Cause: 5K TANK FAILED PETRO TITE WITH A GROSS LEAK, WILL EXCAVATE, ISOLATE & RE TEST.

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52 **WILLIAMSBURG BRIDGE DOT** **LUST** **S102662919**
SSW **372 KENT AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
2276
Higher

LUST:

Spill Number:	9700718	Region of Spill:	2

WILLIAMSBURG BRIDGE DOT (Continued) **S102662919**

Facility Contact: WAYNE BALLARD
Facility Tele: (212) 619-0460
Investigator: KOLLEENY
SWIS: 61
Caller Name KEVIN GROSS
Caller Agency: LEVINE FRICKE RECON
Caller Phone: (908) 526-1000
Caller Extension: Not reported
Notifier Name: KEVIN GROSS
Notifier Agency: LEVINE FRICKE RECON
Notifier Phone: (908) 526-1000
Notifier Extension: Not reported
Spiller Contact: WAYNE BALLARD
Spiller Phone: (212) 619-0460
Spiller: WILLIAMSBURG BRIDGE DOT
Spiller Address: 372KENT AVE
BROOKLYN
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Tank Overfill
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Notifier: Other
PBS Number: Not reported
Spill Date: 04/16/1997 09:00
Reported to Dept: 04/16/1997 14:14
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: No Penalty
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 10/14/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/16/1997
Date Region Sent Summary to Central Office: Not reported
DEC Remarks: Not reported
Spill Cause: soil contamination discovered upon excavation of tanks-removed addition al soil and collected samples for more testing

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53
NE
1/4-1/2
2432
Higher

WILLIAMSBURGH GAS LIGHT CO.
41 N. 11TH ST.
BROOKLYN, NY 11211

Coal Gas **G000000438**
N/A

COAL GAS SITE DESCRIPTION:
Site is on the eastern side of Kent Ave., between 11th St. and 13th St. Site is bordered on the west by the East River. (D11) Site is a CERCLIS Site I.D. #NYD980532030

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54
SSW
1/4-1/2
2536
Higher

390 KENT AVE/BKLYN
390 KENT AVE
NEW YORK CITY, NY

LUST **S100144666**
N/A

LUST:
Spill Number: 8710648
Region of Spill: 2
Facility Contact: Not reported
Facility Tele: Not reported
Investigator: BATTISTA
SWIS: 61
Caller Name: SEBASTIAN LOREFICE
Caller Agency: TANK TESTING INC.
Caller Phone: (718) 789-3770
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported

390 KENT AVE/BKLYN (Continued) **S100144666**

Notifier Phone: Not reported
Notifier Extension: Not reported
Spiller Contact: Not reported
Spiller Phone: (718) 963-9354
Spiller: NYC- OWNS BLDG
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Tank Test Failure
Resource Affected: Groundwater
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Notifier: Tank Tester
PBS Number: 2-217166
Spill Date: 03/21/1988 13:00
Reported to Dept: 03/21/1988 15:08
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: No Penalty
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Upoate: 12/06/1994
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/22/1988
Date Region Sent Summary to Central Office: Not reported
DEC Remarks: Not reported
Spill Cause: (2) 5K TANK SYSTEMS FAILED HORNER EZY CHECK, WOULDN'T STABILIZE IN ST ANDPIPE.

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55 North 1/4-1/2 2580 Higher

EAST RIVER
NO FIXED ADDRESS
GOVERNORS ISLAND, NY 10004

CERCLIS **1000483441**
FINDS **NYD986973832**

CERCLIS Classification Data:
Site Incident Category: Not reported
Federal Facility: Not a Federal Facility
Ownership Status: Unknown
NPL Status: Not on the NPL
Contact: MICHELE BRICE-ROBINSON
Contact Tel: (212) 637-3300
Contact: BOBBY DEASE
Contact Tel: (732) 906-6893
Contact: EUGENE DOMINACH
Contact Tel: (908) 321-6666
Contact: HONORA DROHAN
Contact Tel: (212) 637-4355
Contact: GLADYS LEYNES
Contact Tel: (212) 637-3301
Contact: MASER
Contact Tel: (908) 664-7920
Contact: MARK SAVEDOFF
Contact Tel: (732) 321-4341
Contact: MARK SAVEDOFF
Contact Tel: (908) 321-4341
CERCLIS Assessment History:
Assessment: REMOVAL
Completed: 19910225
CERCLIS Site Status:
Cleaned up

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
56 NW 1/2-1 3716 Higher	**NEW YORK MUTUAL GAS CO.** **142 AVENUE D** **NEW YORK, NY 10009**	**Coal Gas**	**G000000358** **N/A**

COAL GAS SITE DESCRIPTION:
Site includes the area east of Avenue D between 11th St. and 13th St. Site also includes area west of Avenue D between 12th St. and 13th St. Site later called Consolidated Gas Co. (E19, F19)

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57 NW 1/2-1 3780 Higher	**NEW YORK MUTUAL GAS LIGHT CO.** **156 AVENUE D** **NEW YORK, NY 10009**	**Coal Gas**	**G000000374** **N/A**

COAL GAS SITE DESCRIPTION:
Site is on the eastern side of Avenue D, between 10th St. and 12th St. Site is also on the eastern side of Avenue D between 11th St. and 12th St. (F19)

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58 South 1/2-1 4215 Higher	**NASSAU GAS LIGHT CO.** **540 KENT AVE.** **BROOKLYN, NY 11211**	**Coal Gas**	**G000000437** **N/A**

COAL GAS SITE DESCRIPTION:
Site is on the western side of Kent Ave. between Clymer St. and Division St. (D12) Site is a CERCLIS Site I.D. #NYD980531990

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59 East 1/2-1 5246 Higher	**BQE/ANSBACHER COLOR & DYE FACTORY** **MEEKER AVENUE** **BROOKLYN, NY**	**SHWS**	**S100115800** **N/A**

SHWS:

Facility ID:	224016	EPA ID:	Not reported
Region:	2	Site Type:	Landfill
Acres:	0.6	User:	Ansbacher Color & Dye Factory
Owner:	NYS Department of Transportation State Campus, Building 5 Albany, NY 12232		
Operator:	Ansbacher Color & Dye Factory Meeker Avenue Brooklyn, NY		
Lat/Long:	40 42' 52" / 73 57' 12"		
Classification:	DOES NOT PRESENT A SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR THE ENVIRONMENT - ACTION MAY BE DEFERRED.		

Hazardous Waste Disposed:	unknown - unknown
Analytical Data Available:	Soil
Applicable Standards Exceeded:	Not reported
Geotechnical Info. Soil/Rock Type:	Fill materials.
Depth to Groundwater:	25 to 30 feet

BQE/ANSBACHER COLOR & DYE FACTORY (Continued) **S100115800**

Legal Action Type: Not reported
Remedial Action: Complete
Nature of Action: IRM-soil removal.
Enforcement Status. Not reported
Hazardous Waste:

arsenic (D004 Waste) - unknown
lead (D008 Waste) - unknown

Site Description:

Most of this site lies underneath the elevated BQE along Meeker Avenue between North 6th Street and North 7th Street, and between North 7th Street and North 8th Streets. It is believed that waste material and debris from the former Ansbacher Color &Dye Factory may have been used as fill material in the project area. Analytical data from the Phase I Investigation revealed Extraction Procedure Toxicity (EPTOX) for arsenic and lead. A Phase II type investigation was conducted by the New York StateDepartment of Transportation in 1988. Reconstruction of the BQE and soil removal in the "foot print" of the former color and dye facility as an Interim Remedial Measure (IRM) is complete. All of the remaining contaminated soil is covered by approximately two foot layers of asphalt and concrete. There is no significant threat from any remaining contaminated soil.

Assessment of Environmental Problems:

The contaminated soil is covered by existing layers of asphalt and concrete.

Assessment of Health Problems:

Contaminated soil was removed from the site; soil with residual arsenic and lead contamination is covered with several layers of concrete and asphalt. There are no known exposure pathways.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
BROOKLYN	S102671501	21 ST PAUL'S COURT	21ST PAUL'S COURT		LUST	8911032
BROOKLYN	S103592357	NYCDOS @ 52ND ST BROOKLYN	52ND STREET / NY BAY		SWF/LF	24T01
BROOKLYN	S101174530	101 ST & 4TH AVE	US ARMY-FT HAMILTON BLDG2		LUST	9403736
BROOKLYN	S102672579	GETTY SVCE STATION	64023 7TH AVE		LUST	9406935
BROOKLYN	S102662728	ROADWAY	8402 8TH AVE		LUST	9610255
BROOKLYN	S100177757	1402 8TH AVE/ARMORY	1402 8TH AVE/ARMORY		LUST	9110377
BROOKLYN	S100177039	6418 8TH AVE/GETTY	6418 8TH AVE/GETTY		LUST	9105805
BROOKLYN	S101658301	118 8TH AVENUE	118 8TH AVENUE		LUST	9501741
BROOKLYN	S102673452	AMOCO	865 BEDFORD / REMSEN		LUST	9606534
BROOKLYN	S100493391	801 BEDFORD AVE/MERIT	801 BEDFORD AVE/MERIT		LUST	9200519
BROOKLYN	S100177212	1415 BERGEN ST/NYCTA	1415 BERGEN ST/NYCTA		LUST	9103766
BROOKLYN	S102960489	RED HOOK TERMINAL	BIRTH 9A NORTH		LUST	9709712
BROOKLYN	S100153391	BQE @ 56TH ST EXIT	BQE @ 56TH ST EXIT		LUST	9107100
BROOKLYN	S102672946	3147 BROADWAY	3147 BROADWAY		LUST	9502935
BROOKLYN	S102672904	1633 CENTER ST	1633 CENTER ST		LUST	9501066
BROOKLYN	S103560371	722 COURT ST	722 COURT ST		NY Spills	9111290
BROOKLYN	S102671834	280 DOUGLAS ST/PENSKE	280 DOUGLAS ST/PENSKE		LUST	9112095
BROOKLYN	S102148895	FORT HAMILTON EXIT	FORT HAMILTON EXIT		NY Spills, LUST	9409676
BROOKLYN	S102238450	HAMILTON AVE & 6TH AVE	HAMILTON AVE / 6TH AVE		NY Spills, LUST	8908683
BROOKLYN	G000000389	PEOPLES GAS LIGHT CO.	472 KENT AVE.	11211	Coal Gas	
BROOKLYN	S102872857	BUG, PEOPLES WORKS	KENT AVE.	11211	HSWDS	HS2016
BROOKLYN	S102671777	6 MACDONOUGH ST/LEROY	6 MACDONOUGH ST/LEROY		LUST	9109353
BROOKLYN	S100782138	MARINE HWY BR.- BEAR RT.	MARINE HWY BR. - BEAR RT.		LUST	9310215
BROOKLYN	S100177507	276 ST MARKS AVE/N Y TEL	276 ST MARKS AVE		LUST	9110236
BROOKLYN	1000791719	NYCDOT METROPOLITAN AVE BRG #2	METROPOLITAN AVE BRG OVER	11211	RCRIS-SQG, FINDS	
BROOKLYN	S103350609	BROOKLYN BOROUGH GAS WORKS, CONEY	NEPTUNE AVENUE, CONEY ISLAND		SHWS	224026
BROOKLYN	S100493659	PFIZER INC/GERRY ST	PFIZER INC/GERRY ST		LUST	9203348
BROOKLYN	S103038509	METROPOLITAIN AVE AND	ROEBLING ST		LUST	9713408
BROOKLYN	S100177516	44-21 9TH ST/NY TEL	44021 9TH ST		LUST	9110490
BROOKLYN	S103037408	DEL'S AUTO REPAIR	70 2ND ST/NEW UTRECT AVE		LUST	9713407
BROOKLYN	S103238604	1848 STEWART ST	1848 STEWART ST		LUST	9510983

GEOCHECK VERSION 2.1 ADDENDUM
FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Eastern Quadrant)

BASIC WELL DATA

Site ID:	404125073554101	Distance from TP:	>2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Kings
Altitude:	51.00 ft.	State:	New York
Well Depth:	82.00 ft.	Topographic Setting:	Alluvial or marine terrace
Depth to Water Table:	69.00 ft.	Prim. Use of Site:	Observation
Date Measured:	01011941	Prim. Use of Water:	Unused

LITHOLOGIC DATA

Geologic Age ID (Era/System/Series):	Cenozoic-Quaternary-Pleistocene
Principal Lithology of Unit:	Sand
Further Description:	Not Reported

WATER LEVEL VARIABILITY

Not Reported

GEOCHECK VERSION 2.1
FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Southern Quadrant)

BASIC WELL DATA

Site ID:	404149073571201	Distance from TP:	1 - 2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Kings
Altitude:	18.00 ft.	State:	New York
Well Depth:	56.00 ft.	Topographic Setting:	Hillside (slope)
Depth to Water Table:	17.00 ft.	Prim. Use of Site:	Observation
Date Measured:	04011933	Prim. Use of Water:	Unused

LITHOLOGIC DATA

Geologic Age ID (Era/System/Series):	Cenozoic-Quaternary-Pleistocene
Principal Lithology of Unit:	Sand
Further Description:	Not Reported

WATER LEVEL VARIABILITY

Not Reported

GEOCHECK VERSION 2.1
PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

PWS SUMMARY:

PWS ID:	NY0022666	PWS Status:	Active	Distance from TP:	1/2 - 1 Mile
Date Initiated:	Not Reported	Date Deactivated:	Not Reported	Dir relative to TP:	East
PWS Name:	CAMP BNOS YAKOV SWAN LAKE, NY 12783				
Addressee / Facility:	System Owner/Responsible Party SAMET MAX YESHIVATH KEHILATH YAKOV 206 WILSON STREET BROOKLYN, NY 11211				
Facility Latitude:	40 42 51		Facility Longitude:	073 57 14	
City Served:	LIBERTY (T)				
Treatment Class	Not Reported		Population Served:	Not Reported	

PWS currently has or has had major violation(s) or enforcement: No

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D011	SILVER
D018	BENZENE
D019	CARBON TETRACHLORIDE
D022	CHLOROFORM
D035	METHYL ETHYL KETONE
D038	PYRIDINE
D043	VINYL CHLORIDE
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004. OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

Code	Description
	ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
U036	CHLORDANE, ALPHA & GAMMA ISOMERS
U036	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO-
U108	1,4-DIETHYLENEOXIDE
U108	1,4-DIOXANE
U201	1,3-BENZENEDIOL
U201	RESORCINOL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM RECORDS:

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/21/99
Date Made Active at EDR: 06/09/99
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 05/14/99
Elapsed ASTM days: 26
Date of Last EDR Contact: 03/03/99

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/98
Date Made Active at EDR: 01/18/99
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 01/13/99
Elapsed ASTM days: 5
Date of Last EDR Contact: 01/04/99

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 05/10/99
Date Made Active at EDR: 06/09/99
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 05/12/99
Elapsed ASTM days: 28
Date of Last EDR Contact: 02/08/99

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 04/26/99
Date Made Active at EDR: 06/09/99
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 05/14/99
Elapsed ASTM days: 26
Date of Last EDR Contact: 03/31/99

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/99
Date Made Active at EDR: 04/16/99
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 03/17/99
Elapsed ASTM days: 30
Date of Last EDR Contact: 03/16/99

FEDERAL NON-ASTM RECORDS:

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/95
Database Release Frequency: Biennially
Date of Last EDR Contact: 03/25/99
Date of Next Scheduled EDR Contact: 06/21/99

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies
Database Release Frequency: Varies
Date of Last EDR Contact: Varies
Date of Next Scheduled EDR Contact: N/A

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/01/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 04/16/99
Date of Next Scheduled EDR Contact: 07/12/99

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4526
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/97
Database Release Frequency: Annually
Date of Last EDR Contact: 03/24/99
Date of Next Scheduled EDR Contact: 04/26/99

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/08/98
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/02/99
Date of Next Scheduled EDR Contact: 05/31/99

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 02/22/98
Date of Next Scheduled EDR Contact: 05/24/99

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-260-3936
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/22/97
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/05/99
Date of Next Scheduled EDR Contact: 05/17/99

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/15/99
Date of Next Scheduled EDR Contact: 06/14/99

ROD: Records Of Decision
Source: NTIS
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/99
Date of Next Scheduled EDR Contact: 07/19/99

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/97
Database Release Frequency: Annually

Date of Last EDR Contact: 04/01/99
Date of Next Scheduled EDR Contact: 06/28/99

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-1444
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/94
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 04/26/99
Date of Next Scheduled EDR Contact: 07/26/99

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/99
Date of Next Scheduled EDR Contact: 07/05/99

STATE OF NEW YORK ASTM RECORDS:

LUST: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-457-2462
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/01/99
Date Made Active at EDR: 04/08/99
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/22/99
Elapsed ASTM days: 45
Date of Last EDR Contact: 02/02/99

SHWS: Inactive Hazardous Waste Disposal Sites in New York State
Source: Department of Environmental Conservation
Telephone: 518-457-0747
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/01/98
Date Made Active at EDR: 12/24/98
Database Release Frequency: Annually
Date of Data Arrival at EDR: 12/01/98
Elapsed ASTM days: 23
Date of Last EDR Contact: 03/22/99

LF: Facility Register
Source: Department of Environmental Conservation
Telephone: 518-457-2051
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/98
Date Made Active at EDR: 03/29/99
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 02/26/99
Elapsed ASTM days: 31
Date of Last EDR Contact: 02/08/99

UST: Petroleum Bulk Storage (PBS) Database
Source: Department of Environmental Conservation
Telephone: 518-457-4351
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 01/01/99
Date Made Active at EDR: 03/17/99
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/22/99
Elapsed ASTM days: 23
Date of Last EDR Contact: 02/02/99

CBS UST: Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-457-4351
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/99
Date Made Active at EDR: 04/07/99
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/22/99
Elapsed ASTM days: 44
Date of Last EDR Contact: 02/02/99

MOSF UST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-457-4351
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/99
Date Made Active at EDR: 04/08/99
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/22/99
Elapsed ASTM days: 45
Date of Last EDR Contact: 02/02/99

STATE OF NEW YORK NON-ASTM RECORDS:

AST: Petroleum Bulk Storage (AST)
Source: Department of Environmental Conservation
Telephone: 518-457-4351
Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/02/99
Date of Next Scheduled EDR Contact: 05/03/99

CBS AST: Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-457-4351
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/02/99
Date of Next Scheduled EDR Contact: 05/03/99

MOSF AST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-457-4351
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/02/99
Date of Next Scheduled EDR Contact: 05/03/99

HSWDS: Hazardous Substance Waste Disposal Site Inventory
Source: Department of Environmental Conservation
Telephone: 518-457-0639
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Diposal Sites and non-registry sites which U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared.

Date of Government Version: 09/01/97
Database Release Frequency: Annually

Date of Last EDR Contact: 03/11/99
Date of Next Scheduled EDR Contact: 06/07/99

SPILLS: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-457-2462
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 01/01/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/02/99
Date of Next Scheduled EDR Contact: 05/03/99

VCP: Voluntary Cleanup Agreements
Source: Department of Environmental Conservation
Telephone: 518-457-7894
The voluntary remedial program uses private monies to get contaminated sites r emediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

Date of Government Version: 02/04/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/22/99
Date of Next Scheduled EDR Contact: 06/21/99

NEW YORK COUNTY RECORDS

CORTLAND COUNTY:

Cortland County UST Listing (AST)
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 03/15/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/09/99
Date of Next Scheduled EDR Contact: 06/07/99

Cortland County UST Listing (UST)
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 03/15/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/09/99
Date of Next Scheduled EDR Contact: 06/07/99

NASSAU COUNTY:

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 02/04/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/04/98
Date of Next Scheduled EDR Contact: 05/10/99

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 02/04/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/04/99
Date of Next Scheduled EDR Contact: 05/10/99

ROCKLAND COUNTY:

Petroleum Bulk Storage Database (AST)
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 04/26/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/12/99
Date of Next Scheduled EDR Contact: 07/12/99

Petroleum Bulk Storage Database (UST)
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 01/07/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/12/99
Date of Next Scheduled EDR Contact: 07/12/99

SUFFOLK COUNTY:

Underground Storage Tank Database (AST)
Source: Suffolk County Department of Health Services
Telephone: 516-854-2521

Date of Government Version: 03/01/98
Database Release Frequency: Annually

Date of Last EDR Contact: 03/09/98
Date of Next Scheduled EDR Contact: 06/07/99

Underground Storage Tank Database (UST)
Source: Suffolk County Department of Health Services
Telephone: 516-854-2521

Date of Government Version: 03/01/99
Database Release Frequency: Annually

Date of Last EDR Contact: 03/09/99
Date of Next Scheduled EDR Contact: 06/07/99

Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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DELISTED NPL: NPL Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/23/99
Date Made Active at EDR: 06/09/99
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/12/99
Elapsed ASTM days: 28
Date of Last EDR Contact: 02/08/99

NFRAP: No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 04/21/99
Date Made Active at EDR: 06/09/99
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/14/99
Elapsed ASTM days: 26
Date of Last EDR Contact: 03/03/99

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SWDIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Water Dams: National Inventory of Dams
Source: Federal Emergency Management Agency
Telephone: 202-646-2801
National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

New York Facility and Manifest Data
Source: NYSDEC
Telephone: 518-457-6585
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

H2M GROUP

APPENDIX D

FACILITY PICTURES

Picture No. 1



North First Street Oil Terminal.

Picture No. 2



No. 6 fuel oil storage tank containment.

Picture No. 3



Former Pfizer property, predating Grand Ferry Park as seen to the left.

Picture No. 4



Boiler House.

Picture No. 5



Molasses tanks and truck filling building located on former Pfizer property.

Picture No. 6



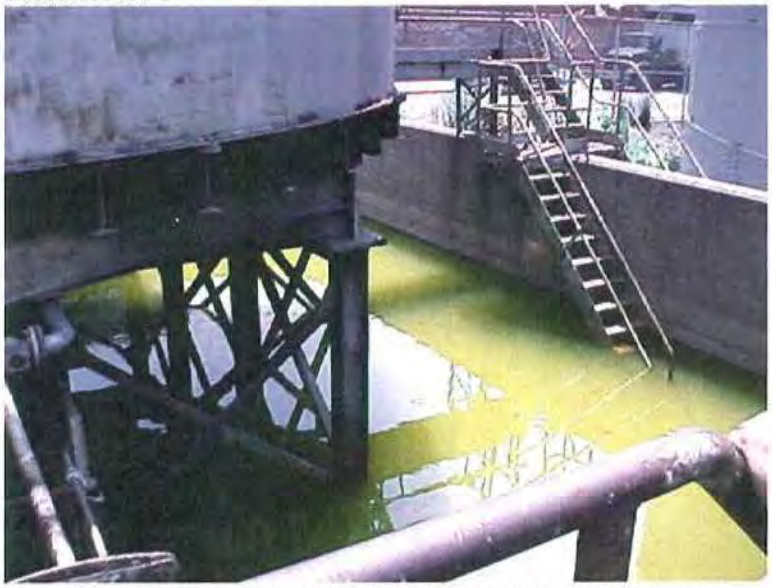
Elevated molasses holding tank.

Picture No. 7



Molasses tanks and sulfuric acid tank located on former Pfizer property.

Picture No. 8



Sulfuric acid tank containment system containing rainwater.

Picture No. 9



Lead containment system in truck filling building.

Picture No. 10



Floor drain in truck filling building.

Picture No. 11



Truck filling building floor drain drainage point.

Picture No. 12



Stainless steel tanks in truck filling building.

Picture No. 13



Believed drainage structure in former Pfizer south structure.

Picture No. 14



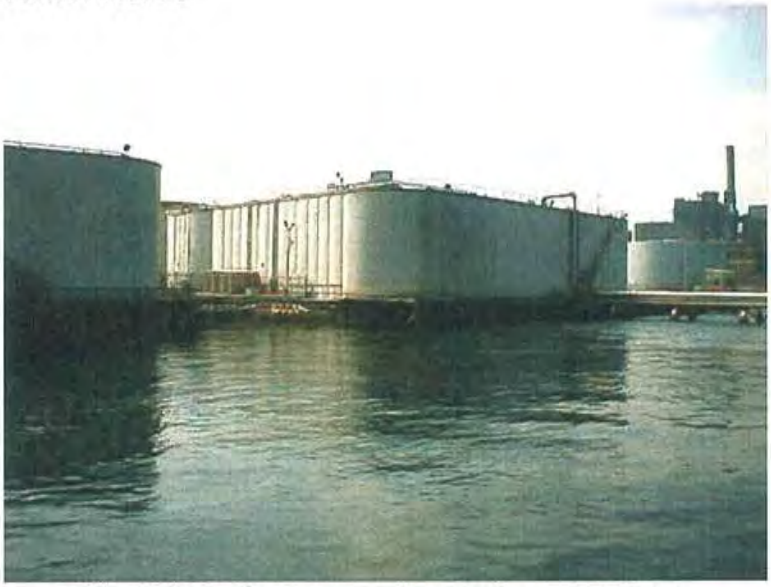
Floor penetration in former Pfizer south structure.

Picture No. 15



Stormwater catchbasin located in former Pfizer property south structure.

Picture No. 16



No. 6 fuel oil storage tank containment system.

Picture No. 17



No. 6 fuel oil storage tank containment system and overhead piping.

Picture No. 18



Heat exchangers for No. 6 fuel oil.

Picture No. 19



Heat exchangers for No. 6 fuel oil.

Picture No. 20



North dock.

Picture No. 21



Center dock with control station and spill containment storage trailer.

Picture No. 22



South dock (former Pfizer property dock).

North First Street Terminal MOSF - Parcel II

Supplemental Site Investigation Report

Williamsburg, Brooklyn, New York

April 28, 2017

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1 Introduction

On behalf of Consolidated Edison Company of New York, Inc. (Con Edison), Henningson, Durham and Richardson Architecture and Engineering, P.C. (HDR) has performed a Supplemental Site Investigation to provide an update of the subsurface conditions of Parcel II (the Site) at the former North First Street Terminal (NFST) Major Oil Storage Facility (MOSF) in Williamsburg, Brooklyn, NY (Figure 1). The investigation was performed in accordance with the Supplemental Remedial Investigation Work Plan prepared by Con Edison, dated November 17, 2016. A few scope items were modified based on observations during a preparatory site visit, which were documented in an email to the New York State Department of Environmental Conservation (NYSDEC) dated January 20, 2017, and approved on February 1, 2017 (Appendix A).

Parcel II is the location of the former #6 fuel oil storage Complex A, also known as the South Complex, of the NFST MOSF (Figure 2). The MOSF was decommissioned in 2012. NYSDEC issued a letter dated July 24, 2012 indicating no further action was required in relation to the former MOSF (MOSF No. 2-1480). However, the letter did note elevated concentrations of the volatile organic compounds (VOCs) toluene, xylene, and acetone at Complex A, apparently related to the Fyn Paint & Lacquer Company (Fyn Paint) facility located on an adjacent upgradient property. Conditions at this portion of Parcel II are the subject of this investigation. The Fyn Paint property, located at 230 Kent Avenue, is hydrogeologically and topographically up-gradient of the Site. Figure 2 shows the location of the Parcel II in relation to the Fyn Paint property.

1.1 Objective

The objective of this investigation was to further delineate the extent of the volatile organic compound (VOC) contamination at the Site, apparently emanating from the Fyn Paint property. This investigation also provides an update of previous environmental investigations associated with the NFST MOSF closure, which showed the Site has been impacted by the former Fyn Paint factory, specifically at the southeast corner area of the Site, directly downgradient from the former paint factory.

This Supplemental Site Investigation is a follow up to the 2015 Site Investigation of Parcel II, which was based, in part, on the March 2013 Supplemental Remedial Investigation Work Plan (SRIWP) prepared by Leggette, Brashears & Graham, Inc. (LBG) and submitted on behalf of Fyn Paint to the New York State Department of Environmental Conservation (NYSDEC) as part of the Fyn Paint Voluntary Cleanup Agreement (VCA) associated with the Fyn Paint site. Under the VCA, NYSDEC designated Parcel II as a separate Operable Unit (OU), identified as OU-2. To our knowledge, a new or prospective new owner (Kent Riverview LLC) entered the NYSDEC Brownfield Cleanup Program (BCP) as described in a NYSDEC Fact Sheet dated April 2016.

For evaluation purposes, this Supplemental Site Investigation Report (SSIR) compares analytical results with the DEC Part 375 Restricted Use Residential and Protection of Groundwater Soil Cleanup Objectives (SCOs) as well as the Restricted Use Industrial SCOs for the current zoning/site use. Groundwater data is compared to NYSDEC

Division of Water Technical & Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations dated June 1998; amended 1999, 2000, and 2004.

1.2 Site Overview

Parcel II is in a predominately mixed residential and commercial community. Historically, the Site vicinity was predominantly manufacturing, but in recent years manufacturing areas have been rezoned. Residences are now located to the north of Parcel I (Complex B, situated north of Metropolitan Avenue), across North Third Street. Commercial and light manufacturing properties northeast of the Site (across River Street from Parcel I) have recently been displaced. To the east of Parcel II is a closed paint factory (Fyn Paint) undergoing remediation under the BCP (Site No. C224154). A New York Power Authority (NYPA) Gas Turbine Generation Station is located to the south of Parcel II, across North First Street. The East River is to the west of Parcel II.

Based on the engineering drawings prepared by Leonard B. Goldman, P.E., Consulting Engineer, dated October 4, 1963; Parcel II (Former Complex A) consisted of three steel tanks with the following capacities:

- T-100 – 6,000,000 gallons
- T-200 – 2,325,000 gallons
- T-300 – 6,000,000 gallons

These tanks were out of service and subsequently demolished in 2012. The MOSF was officially closed by NYSDEC as documented in a letter dated July 24, 2012.

1.3 Previous Investigations

In 2011, HDR conducted a Site Investigation of the MOSF perimeter by advancing borings along the east, north and south sides of both Complex A (Parcel II) and B (Parcel I). For this investigation, 18 soil borings were advanced to assess subsurface conditions. Soil samples were collected and analyzed for VOCs, semi-volatile organic compounds (SVOCs), and metals. A subset of these samples was analyzed for polychlorinated biphenyls (PCBs) and pesticides. Results were compared to the NYSDEC Part 375 SCOs. No groundwater samples were collected during this investigation.

Analytical results show that the SVOCs appeared to be related to urban fill and did not appear to be associated with No. 6 fuel oil. No apparent indication of impacts to soil caused by leakage from any of the tanks, ancillary piping, accidental discharges or other Site activities was observed. However, impacted subsurface soil was encountered at the perimeter of the Complex A (Parcel II) tank farm, in proximity to the upgradient Fyn Paint property. Migration of impacted groundwater is further supported by the historical groundwater sample results of monitoring wells installed along the east and south sides of Complex A, where toluene, ethylbenzene, xylenes and other paint manufacturing related chemicals have been detected at concentrations up to four orders of magnitude above the standards/guidance values. This investigation and the associated analytical results are documented in the Site Investigation Report (HDR 2011).

In 2012, HDR conducted a “Footprint” investigation to assess the environmental conditions directly under the concrete footprint of the MOSF Complexes A and B. As part of this “Footprint” investigation, a surface soil assessment as well as deeper subsurface soil assessment was completed, after demolition of the tank complexes. Based on DEC DER-10 guidance, 42 soil borings were advanced during the 2012 “Footprint” Site Investigation. HDR also installed nine temporary piezometers within the footprint of the former tank complexes to assess the groundwater conditions beneath the former tank farm. Five piezometers were installed in Complex A and four piezometers were installed in Complex B. These piezometers were removed following this investigation.

Results of the Footprint Investigation concluded that the Site soil consists of urban fill. Analytical data for VOCs, SVOCs, pesticides, PCBs and metals were generally consistent with the chemical composition of urban fill or associated with creosote treated wood piles, which exist at Complex B only (concrete piles supported the Complex A tank farm). At the Site (Complex A), there appears to be two primary areas where elevated chemical constituent concentrations were detected. One area is at the southeast corner of the complex, near the intersection of North First Street and River Street and the other area is near the East River, at the northwest corner of Complex A.

In the southeast area of the Site, VOCs apparently have migrated from the Fyn Paint facility and impacted this area. Concentrations of ethylbenzene, toluene and total xylenes were detected in the double to triple digit milligram per kilogram (mg/kg) or part per million (ppm) range in the 2012 subsurface soil sample (FP A-3) collected at the water table in this area. Based on the results of the 2012 soil samples collected from the surrounding borings (FP A-2, FP A-4, and FP A-5), the impacted area did not appear to extend far onto the Site.

The second impacted area of the Site is near the East River, at the northwest corner of Complex A. This area appeared to be impacted by polycyclic aromatic hydrocarbons (PAHs) as evidenced by certain SVOCs exceeding the Unrestricted Use SCOs in subsurface soil samples. A separate fill source from the remainder of Complex A was the suspected source as no other sample locations within Complex A had PAH concentrations on this order of magnitude. The investigation and results are documented in the Site Investigation Report, Second Phase, In support of Voluntary MOSF License Termination, HDR, June 2012.

At the request of NYSDEC, HDR, on behalf of Con Edison, conducted an investigation in 2015 to assess Site conditions in Parcel II (Complex A) associated with VOC impacts from an off-Site source. As part of this investigation, nine soil borings were advanced near the southeast corner of Parcel II. Soil samples were collected from these boring locations. One sample, PZ A-06 (6’) was reported to have concentrations above the Part 375 Restricted Residential Use and Protection of Groundwater SCOs. Concentrations of three compounds, ethylbenzene (22 mg/kg), total xylene (135 mg/kg), and toluene (2.3 mg/kg) exceeded the Protection of Groundwater Use SCOs of 1 mg/kg, 1.6 mg/kg, and 0.7 mg/kg, respectively for this sample. Total xylene (135 mg/kg) was the only VOC detected at a concentration that exceeded the Restricted Residential Use SCOs. After the borings reached the termination depths, piezometers were installed for subsequent groundwater sample collection. Analytical results show that 10 VOCs were detected in Site groundwater above applicable TOGS 1.1.1 GWQS or guidance values. These VOCs

include cis-1,2-dichloroethene, vinyl chloride, 1,1-dichloroethane, isopropylbenzene, trichloroethene, methyl tert butyl ether (MTBE), benzene, ethylbenzene, total xylenes and toluene were the VOCs detected above the GWQS or guidance values at Parcel II. Toluene, ethylbenzene, and total xylenes were detected in concentrations that are four orders of magnitude above the GWQS and guidance values. These VOCs are typically not indicative of No. 6 fuel oil, especially at these concentrations.

2 Parcel II Investigation

This Investigation was completed to supplement/update the Site Investigation for Parcel II in 2015 and was conducted in accordance with the DEC-approved Supplemental Remedial Investigation Work Plan, including the modifications noted in an email correspondence dated January 20, 2017, and approved by the NYSDEC on February 1, 2017 (Appendix A). Borehole and monitoring well locations are shown on Figure 3.

In addition to the approved work plan, the investigation was also completed in accordance with the Site specific Health and Safety Plan (HASP), which was approved by Con Edison prior to the start of the field activities.

On January 12, 2017, a kick off meeting was held with representatives from Con Edison and HDR participating. During this meeting, borehole locations for this investigation were tentatively identified based on the prior piezometer locations and Site topography. At the time of the Site visit, these locations were considered tentative pending NYSDEC approval and subsequent results of a geophysical survey and subsurface utility clearance ("soft dig") activities associated with the intrusive activity.

The field activities consisted of three primary tasks:

- utility mark-out, survey and hand clearing;
- soil borings with sampling and monitoring well installation; and
- groundwater sampling.

Each task is discussed below.

2.1 Utility Mark-Out and Soft Dig

Prior to the mobilization of drilling equipment, HDR contracted utility mark-out services through Aquifer Drilling & Testing, Inc. (ADT) of Mineola, New York, to mark out utilities and other potential underground anomalies within the work area. Nova Geophysical Engineering (Nova) of Douglaston, NY mobilized to the Site to implement the geophysical investigation. On January 23, 2017, Nova employed ground penetrating radar (GPR) technology using a Noggin 250 MHz GPR shielded antenna and a 3M Dynatel® 2250M-iD Cable/Pipe Locator to locate subsurface obstructions/anomalies. A series of parallel traverses, in both the north/south and east/west directions were established and detected targets were marked in the field using paint and or pin flags. Due to what is believed to be the presence of historic MOSF tank support piles in the areas where certain borehole locations were proposed, three locations were offset approximately 18 inches to stay clear of the potential subsurface obstructions.

Other than concrete piles to support the former Tank Complex A (several of which were visible at ground surface), no subsurface anomalies were identified during the geophysical survey. Nova provided figures from their survey, which are included in Appendix B.

As an added precaution and part of the Con Edison intrusive investigation program, the upper 5 feet of each soil boring was excavated using non-mechanical methods to confirm the absence of utilities (soft dig). ADT was contracted to provide soft dig services in advance of the drilling operations. Before intrusive work commenced, ADT initiated the

One Call notification system as required by New York State Code Rule 753-3.2. ADT's hand clearing crew mobilized to the Site on February 1, 2017 to clear three borehole locations using vacuum and hand dig techniques prior to intrusive activities. Each location was cleared to a depth of five feet below ground surface (bgs); after the location was cleared, the soils were placed back in the hole and the location was marked for subsequent drilling and well installation. A description of the materials encountered during the soft dig is provided in the geologic logs (Appendix C). No obvious sign of impact by odor, staining or field instrument reading was noted during the soft dig activities.

2.2 Soil Borings

On February 2 and 3, 2017, ADT mobilized a CME 55 drill rig to the Site for the advancement of the soil borings (Figure 3) to characterize subsurface soil conditions and allow for the collection of soil samples for laboratory analysis.

An HDR environmental scientist was on-Site during the drilling activities to log soils and collect soil samples for laboratory analyses. Upon collection, samples were immediately screened with the PID to assess whether organic vapors were present. If organic vapors were noted, a sample of that interval representing a worst case situation could be collected for laboratory analyses. Soils from each boring were then described in accordance with the Unified Soil Classification System (USCS) for material type and composition, color, grain size and distribution, depth to water, visual or olfactory evidence of contamination, as well as any other distinctive characteristics. This information was documented on geologic logs which are included as Appendix C.

All borings were advanced continuously in five-foot increments using a 2-inch diameter Macrocore® barrel with dedicated PVC liners. The SB/SMW-A borehole was advanced to 15 feet bgs, and the SB/SMW-C borehole was advanced to 18 feet bgs. SB/SMW-C was advanced to a greater depth to vertically delineate the PID readings measured at this location.

During intrusive activities, HDR screened the headspace above the location to monitor for organic vapors using a Rae Systems MultiRae 3000 photoionization detector (PID) with a 10.6 eV lamp. Elevated PID readings were not detected during the intrusive activities at SB/SMW-A. However, PID monitoring at SB/SMW-C detected readings up to 1407 ppm units, starting at the water table (about 5 feet bgs) and decreasing with depth. Moderate to slight odors were also noted at SB/SMW-C. This location is near the southeast corner of the Site, where VOC impacts were previously identified. The water table in this area is about 5-6 feet below grade.

Soils were classified during the intrusive activities and recorded on geologic logs (Appendix C). Typically, soils above the water table consisted of silty sands with varying amounts of brick, concrete, gravel and cobbles. Soils below the water table were described generally as fine to medium sand and/or silt. Upon reaching the termination depth of each borehole, a monitoring well consisting of a 2-inch diameter, 10 foot long screen was installed.

Based on the field observations, the contingent boring, SB-B, was not advanced. SB-B was to be installed if evidence of contamination was noted in SB-A. No evidence of contamination was observed during the utility clearance of SB-A. The location where SB-

C was installed is closer to the existing piezometer PZA-06 than originally intended; however, the location is between PZA-06 and PZA-09, meeting the intent of the approved work plan.

Soil cuttings generated during the subsurface investigation were containerized in three (3) DOT rated 55-gallon drums and staged on-Site for waste characterization sampling and subsequent off-Site disposal. On February 15, 2017, soil cuttings were sampled for waste characterization parameters. Results of the waste characterization were forwarded to Con Edison on March 2, 2017 and the waste was removed by Con Edison on March 13, 2017 for subsequent disposal at Triumvirate Environmental in Astoria New York.

2.2.1 Soil Sampling and Analysis

As part of this Site investigation, four (4) subsurface soil samples were collected for lab analysis. One sample from each boring was retained from either the depth which exhibited the highest PID reading or the interval directly above the water table. A second sample was collected to vertically delineate the extent of impacted soil. Soils for analysis were transferred from dedicated PVC liners directly into laboratory provided glassware. Each container was then labeled with the appropriate sample identification number and sample depth, the analytical parameters to be analyzed, the date and time of sampling, as well as the field personnel who collected the samples. Sample containers were then placed in a cooler with ice and sent under chain of custody protocol to Hampton-Clarke, Inc., in Fairfield, NJ, a NYSDOH certified laboratory, via laboratory-provided courier. Soil samples submitted to the laboratory were analyzed for VOCs using EPA Method 8260C and SVOCs using EPA Method 8270D. Additionally, quality assurance/quality control (QA/QC) samples, including a trip blank (VOCs), and one field blank and one duplicate sample (VOCs and SVOCs) were collected and submitted for laboratory analysis.

Upon completion of each borehole, all sampling equipment (e.g., Macrocore® sampler) was decontaminated with an Alconox and tap water wash, followed by a de-ionized or distilled water rinse. Drill cuttings were placed in a DOT-rated drum for subsequent waste characterization sampling and off Site disposal.

2.3 Monitoring Well Installation

Upon reaching the termination depth for each borehole, a 10 foot length of 2 inch diameter schedule 40 polyvinyl chloride (PVC), 0.010 inch slot screen (10 slot) coupled to a PVC riser section was placed in the borehole such that the screened section of each piezometer intersected the groundwater table and the finished height of each well was about 0.5 feet below ground surface. The annular space around the well was backfilled with well-grade type sand to a minimum of one foot above the well screen. The annular space above the sand pack was completed with a bentonite seal. Each monitoring well was finished off with a compression fit plug and flush mount protective casing. Monitoring well construction logs documenting the construction details are included as Appendix D. Locations of the monitoring wells are shown on Figure 3.

Following installation, the two new monitoring wells were developed on February 3, 2017, using a peristaltic pump with dedicated tubing. During development, the monitoring wells were periodically surged using the pump in an attempt to remove fine grained sediments that may have been entrained within the borehole. During purging, the

discharge water was periodically screened using a turbidity meter. Well development for each well continued until the water was less than 50 nephelometric turbidity units (NTUs) or for duration of one hour, whichever occurred first. For SMW-A, development was terminated after 1 hour as the final turbidity reading was 160 NTUs, and not decreasing. For SMW-C, the final turbidity was 32 NTUs after one hour of development. Approximately 50 gallons of purge water was generated per well during the development. Development water was containerized and staged in DOT-rated 55 gallon drums on-Site for waste characterization on February 15, 2017 and off-Site disposal on March 13, 2017.

2.3.1 Groundwater Sampling and Analysis

Upon completion of groundwater gauging, one groundwater sample was collected from the two new monitoring wells, four existing monitoring wells and two existing piezometers. Sampling occurred on February 14 and 15, 2017. Dedicated ¼-inch, inside diameter (ID) low density polyethylene (LDPE) tubing was placed into each monitoring well and piezometer and connected to a variable speed peristaltic pump utilizing laboratory-grade silicone tubing. HDR sampled the six monitoring wells and two piezometers following low flow sampling methods with one modification, turbidity was considered stable at three consecutive readings within 10 percent deviation or three consecutive readings below 10 NTUs. The other field chemistry parameters (temperature, conductivity, pH, dissolved oxygen, total dissolved solids and oxidation reduction potential) stabilized during the purging activities. Groundwater sampling logs are included as Appendix E.

Once stable groundwater water quality conditions were reached, groundwater samples were collected and placed directly into laboratory supplied glassware. Each container was then labeled with the appropriate sample identification number, parameters to be analyzed, date and time, as well as the field personnel who collected the samples. Sample containers were then placed in a cooler with ice and sent under chain of custody protocol to Hampton-Clarke, Inc., in Fairfield, NJ, a NYSDOH certified laboratory, via laboratory-provided courier.

Purged water was collected in a five (5) gallon pail and subsequently transferred into DOT-rated 55 gallon drums with the well development water. Following groundwater sampling, a waste classification sample of the development and purge water was collected and submitted to Hampton-Clarke for analyses. Waste characterization samples were collected on February 15, 2017 followed by off-Site disposal on March 13, 2017.

All groundwater samples were analyzed for VOCs using EPA Method 8260C and SVOCs using EPA Method 8270B. QA/QC sampling, including a field blank sample and a duplicate sample, were also collected (for VOCs and SVOCS) and sent to Hampton-Clarke for analysis. A trip blank sample was also collected and sent to Hampton-Clarke for VOC analysis only.

During the groundwater sampling activities, each location was surveyed for location and elevation using survey grade Differential Global Positioning System (DGPS). Elevation measurements were based on the NAVD88 survey datum and the horizontal data are based on the New York State Plane Long Island NAD83 coordinate system.

3 Investigation Results

3.1 Soil Sampling

Analytical results of the samples collected during this Investigation were compared to NYSDEC Part 375 Soil Cleanup Objectives (SCOs) for Restricted Residential Use and Protection of Groundwater as well as the Restricted Use Industrial SCOs for the current zoning/site use. Based on the laboratory analytical results of the four samples, the soils across the Site generally appear consistent with prior sampling results.

A summary of the analytical results with comparison to use based SCOs is included as Table 1A and on Figure 4A. A comparison of the results to Protection of Groundwater SCOs is included as Table 1B and Figure 4B. The laboratory analytical data package is provided as Appendix F.

Samples collected from SB-C were reported to have concentrations above the Part 375 Restricted Residential Use and Protection of Groundwater SCOs. Concentrations of three compounds, ethylbenzene, total xylene, and toluene exceeded the Protection of Groundwater Use SCOs of 1 mg/kg, 1.6 mg/kg, and 0.7 mg/kg, respectively for the two samples collected from SB-C. Total xylene and ethylbenzene were also detected at concentrations that exceeded the Restricted Residential Use SCOs. Ethylbenzene (170 mg/kg), toluene (22 mg/kg) and total xylenes (750 mg/kg were detected in the sample collected from 5 to 6 feet bgs. In the sample collected from 10 to 11 feet bgs at SB-C, ethylbenzene (34 mg/kg), toluene (3.6 mg/kg) and total xylenes were detected. For the samples collected at SB-A, only the total xylenes concentrations exceeded the Protection of Groundwater Use SCO. Concentrations of total xylenes were 1.8 mg/kg for the sample collected at 5 to 6 feet bgs and 2.6 mg/kg for the sample collected at 10 to 11 feet bgs. The ethylbenzene, total xylenes, and toluene concentrations detected at this location are likely attributable to contamination migrating from the Fyn Paint facility located upgradient directly to the east.

No other VOCs were detected at concentrations exceeding the Restricted Residential or Protection of Groundwater SCOs in the four samples collected from the two borings.

Results of the SVOC analyses showed no exceedances of the Restricted Residential SCOs or the Protection of Groundwater SCOs. Although certain SVOCs were detected, those compounds were reported at concentrations below the Unrestricted Use SCOs.

3.2 Groundwater Sampling

To assess groundwater quality and further delineate the impacted groundwater at Parcel II, groundwater samples were collected from the two new monitoring wells. In addition, groundwater samples were collected from four existing monitoring wells (MW-4, MW-10, MW-12, and MW-14) and two existing piezometers (PZA-06 and PZA-09) in this area. A summary of the analytical data is included as Table 2. Analytical data packages are provided as Appendix G. Figure 5 shows the analytical data associated with the sample locations.

Analytical results show that 6 VOCs were detected in Site groundwater above applicable TOGS 1.1.1 GWQS or guidance values. These VOCs include cis 1,2-dichloroethene, 1,1-dichloroethane, isopropylbenzene, ethylbenzene, total xylenes and toluene. Toluene, ethylbenzene, and total xylenes were detected in concentrations that are up to four orders of magnitude above the GWQS and guidance values in four (4) samples: SMW-A, SMW-C, PZA-06, and MW-12. Isopropylbenzene was detected in one sample, SMW-C at 220 ug/l, which is two orders of magnitude above the groundwater standard of 5 ug/l. These VOCs are typically not indicative of No. 6 fuel oil at these concentrations. The origin of these compounds is likely associated with the Fyn Paint and Lacquer site, which is upgradient of Parcel II. During the Fyn Paint investigations, elevated concentrations of ethylbenzene, total xylenes and toluene were detected in a source area with downgradient sample results showing lesser concentrations between the Fyn Paint and Con Edison properties, indicating migration to the west towards Parcel II.

Chlorinated VOCs including 1,1-dichloroethane, cis-1,2-dichloroethene, and trichloroethene were detected in three samples: MW-4, MW-14, and PZA-06. In PZA-06, the cis-1,2-dicholorethene was detected at 9.1 ug/l, above the groundwater standard of 5 ug/l. At MW-4, the 1,1-dichloroethance concentration was reported at 2 ug/l, above the groundwater standard of 0.6 ug/l. Trichloroethene was detected in one sample (MW-14); however, the concentration was below the groundwater standard of 5 ug/l. The source of cis-1,2-dichloroethene, 1,1-dichloroethane and trichloroethene is not known. These compounds are not associated with No. 6 fuel oil.

Acetone concentrations were below detection limits in each of the wells sampled. However, the detection limits of the MW-12, SMW-A and SMW-C samples were elevated due a dilution factor associated with the concentrations reported for these samples.

The only other VOC that was detected during groundwater sampling was MTBE. MTBE was detected in two samples, MW-4 at 0.92 ug/l and PZA-09 at 1.4 ug/l, both below the groundwater standard of 10 ug/l. The origin of the MTBE is unknown. MTBE is associated with gasoline and not associated with No. 6 fuel oil.

Results of the SVOC groundwater analyses shows four phenols were detected at concentrations that exceed the groundwater standard for total phenols (1 ug/l). These phenols include phenol, 2,4-dimethylphenol, 2-methylphenol, and 3&4-methylphenol. One or more of these phenols were detected in PZA-06 (total phenols are 17.7 ug/l), SMW-A (67.1 ug/l), SMW-C (117 ug/l), and MW-12 (164 ug/l). No other SVOCs were detected in concentrations exceeding the respective groundwater criteria. Limited historic data regarding phenols is available as the prior sampling for SVOC consisted of the base neutral compound analyses only. The source of phenols is not known. However, phenols are used to make resins. Resins serve as binders for paint.

3.3 Groundwater Elevations

Depth to groundwater measurements collected prior to groundwater sampling were used to establish the groundwater elevations and groundwater contours for the Site. In addition, all wells were surveyed using the DGPS to ensure all measuring points were from a consistent datum (NAVD88). Based on these measurements, the groundwater elevations range from 3.36 feet at MW-12 to 2.12 feet at SMW-A and MW-10. Generally, groundwater flows from east to west, toward the East River based on groundwater

elevation data collected during the Fyn Paint VCA activities. A summary of the groundwater elevations as measured prior to groundwater sampling is provided in the table below. Groundwater elevations are shown on Figure 6.

Well	Measuring Point Elevation	Depth to Water from Measuring Point	Groundwater Elevation
MW-4	14.84	12.44	2.4
MW-10	13.47	11.35	2.12
MW-12	14.28	10.92	3.36
MW-14	15.42	13.2	2.22
SMW-A	6.57	4.45	2.12
SMW-C	5.89	3.54	2.35
PZA-06	8.5	6.24	2.26
PZA-09	7.28	4.59	2.69

At PZA-09, the higher groundwater elevation may be the result of recent precipitation considering Parcel II is no longer covered with the MOSF. This area may be acting in part as a recharge basin from adjacent asphalt and concrete covered areas. Recent precipitation and infiltration of standing water may further affect the groundwater elevations locally due to the piezometer construction, such as at PZA-09, which was installed in a smaller diameter (i.e., Geoprobe) hole without a bentonite seal as opposed to the monitoring wells which were installed with an appropriate sand pack and bentonite seal. At MW-12, the groundwater level has historically been higher than nearby wells. MW-12 was installed near an old fire hydrant. Any leakage from the hydrant may affect groundwater levels with the effect of the potential leakage decreasing with distance from the hydrant. Due to these variations and the small area of investigation, the groundwater elevations were not contoured.

4 Discussion

Based on a comparison of the groundwater data with the prior investigations in the vicinity of Complex A, the subsurface conditions appear to be relatively unchanged. Contaminants of concern and concentrations detected in 2017 are generally consistent with the 2015 and 2012 data. However, toluene, ethylbenzene and xylenes concentrations detected near the southeast corner of Parcel II (PZ A-06) were lower than the concentrations detected in 2015 and 2012 (Sample FP A-1), by an order of magnitude.

Concentrations detected in the newly installed SMW-C, installed north of PZA-06, are similar to the prior concentrations detected in PZA-06 in 2015 and in temporary point PZ-A-1 in 2012. PZA-06 was installed in 2015 in attempt to confirm the results of PZ-A-1. PZ-A-1 was removed following the 2012 sampling as it was a temporary sampling point installed for the MOSF closure.

In 2012, a temporary point (PZ-A-4) was installed north of SMW-C. Groundwater sampling results from that location showed concentrations of total xylenes (24,000 ug/l), ethylbenzene (4,700 ug/l), and styrene (6.3 ug/l) were above the groundwater criteria but lower than the concentrations detected in PZ-A-1 (HDR 2012). Delineation of PZ-A-1 occurred in 2015 with the installation and sampling of PZ-A-10 (to the southwest), PZ-A-11 (west), PZ-A-12 (northwest) and PZ-A-13 (north), where the toluene, ethylbenzene and total xylenes concentrations were below the groundwater criteria (HDR 2015).

In comparison with the quarterly sampling results discussed in the 2011 report (first quarter 2009 through first quarter 2011), the contaminant concentrations in MW-4 and MW-10 have decreased, generally from single or double digit part per billion concentrations to non-detect.

Results of the groundwater sample collected from MW-12 are generally consistent with the historic results. However, the total xylenes concentration (74,000 ug/l) exceeds the highest concentration over those nine quarters. The contamination at MW-12 was previously delineated in 2015 with the installation and sampling of PZA-11, PZA-12, and PZA-13 (Figure 3).

Results of groundwater sampling at MW-14, near the southeast corner of Parcel II, remain below the groundwater criteria. The geologic log for MW-14 does not indicate any contaminant impact, visually, by odor, or by instrument reading. In 2003, a soil sample collected from the water table in the MW-14 boring confirms the lack of contamination at this location.

Acetone was detected in the central portion of Parcel II during the 2012 investigation but was below detection limits for groundwater samples in 2015 and in 2017. Acetone was also associated with the Fyn Paint operations.

In summary, consistent with the 2015 and 2012 investigations, the data obtained during this investigation confirm historic operations at the Fyn Paint facility have impacted the southeastern corner of the Parcel II property with dissolved phased VOCs. However, the horizontal extent of the impact appears to be limited to the southeast corner of Parcel II.

5 References

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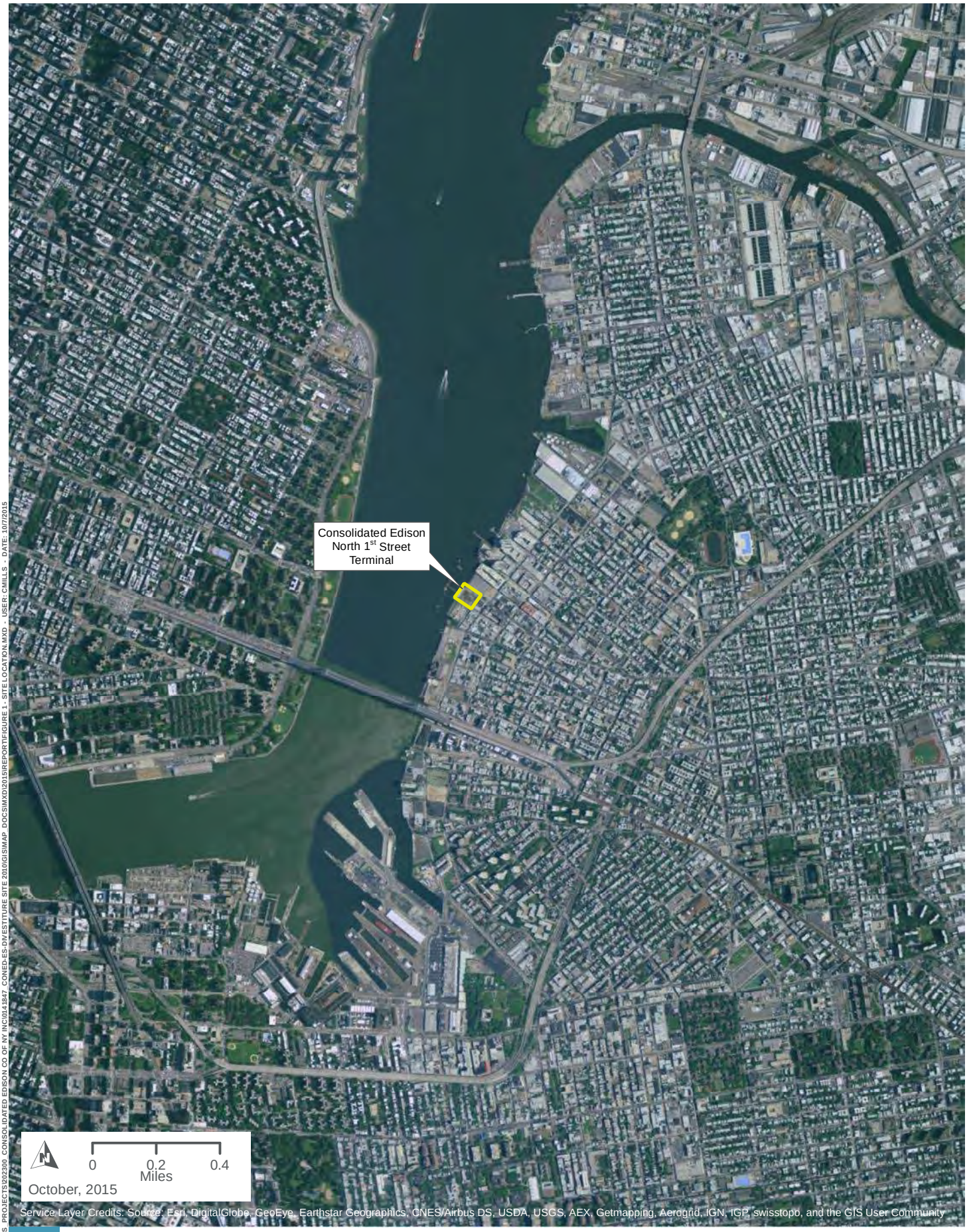
FIGURES



PATH: M:\AP\FILE01\GIS_PROJECTS\202300_CONSOLIDATED EDISON CO OF NY INC\0141847_CONED-ES-DIVESTITURE.SITE 2010\GIS\MAP_DOCS\MXD\2015\REPORT\FIGURE 1 - SITE LOCATION.MXD - USER: CMILLS - DATE: 10/7/2015

SITE LOCATION

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 1



PATH: M:\AP\FILE01\GIS_PROJECTS\202300_CONSOLIDATED EDISON CO OF NY INC\0141847_CONED-ES-DIVESTITURE_SITE 2010\GIS\MAP_DOCS\MXD\2017\FIGURE 2 - SITE LAYOUT AND FEATURES.MXD - USER: CMILLS - DATE: 3/29/2017

SITE LAYOUT / FEATURES

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 2

MARCH 2017

NORTH FIRST STREET TERMINAL SUPPLEMENTAL SITE INVESTIGATION



PATH: M:\202300_CONSOLIDATED EDISON CO OF NY INC\0141847_CONED-ES-DIVESTITURE_SITE 2016\GIS\MAP_DOCS\MXD\2017\FIGURE 3 - BORING LOCATIONS.MXD - USER: CWEAVER - DATE: 3/27/2017

BORING LOCATIONS

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 3

MARCH 2017

NORTH FIRST STREET TERMINAL SUPPLEMENTAL SITE INVESTIGATION



Compound	Unrestricted SCO	Restricted Residential SCO	Commerical SCO	Industrical SCO
Ethylbenzene	1	41	**390**	**780**
Toluene	0.7	100	**500**	**1,000**
Xylenes (Total)	0.26	100	**500**	**1,000**

PATH: M:\202300_CONSOLIDATED EDISON CO OF NY INC\141847_CONED-ES-DIVESTITURE SITE 2016\GIS\MAP_DOCS\MXD\2017\FIGURE 4A - BORING LOCATIONS COMPARED TO SITE USE SCOS.MXD - USER: CWFAVER - DATE: 1/13/2017

SOIL SAMPLE USE BASED SCO EXCEEDANCES

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 4A

APRIL 2017



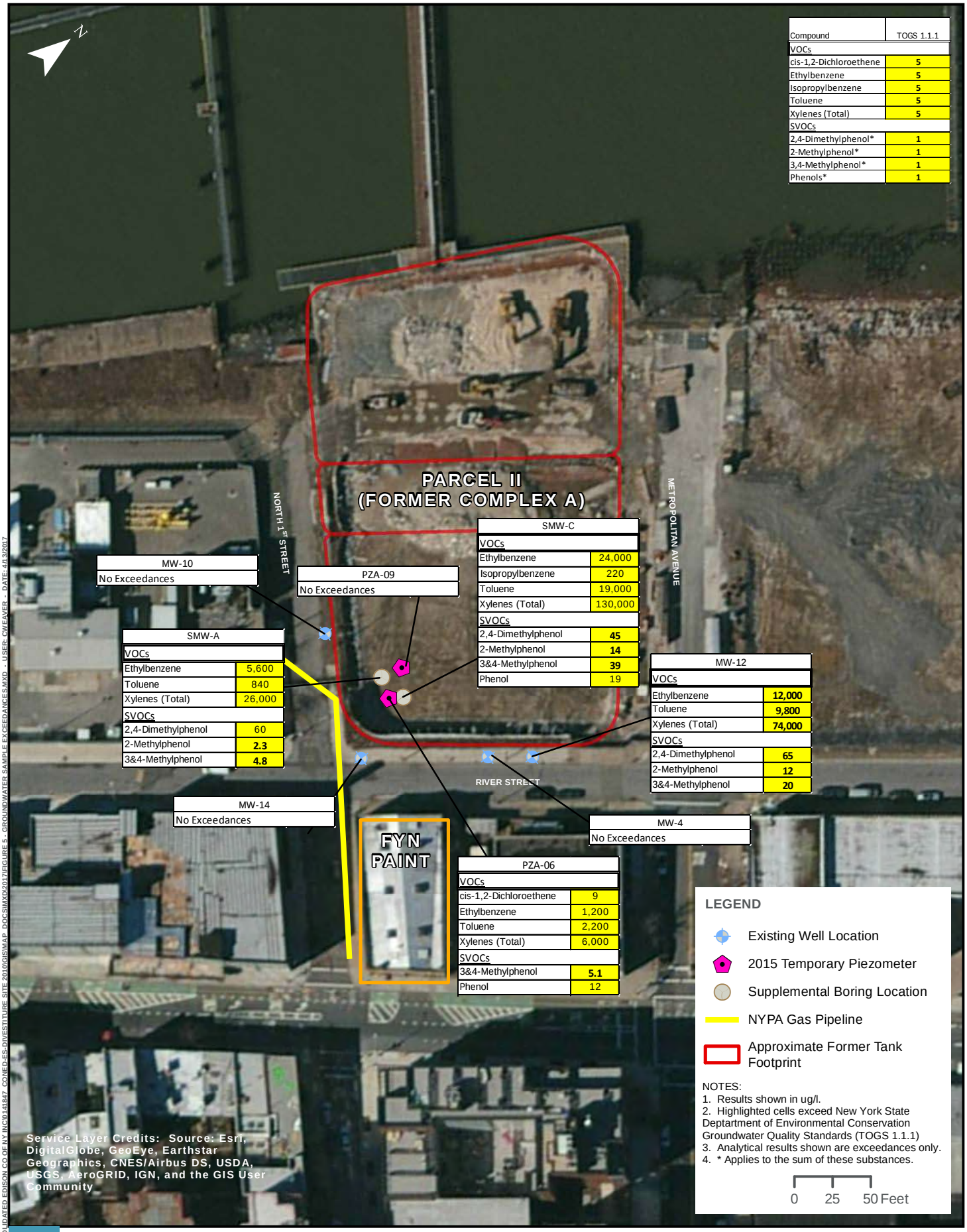
PATH: M:\202300_CONSOLIDATED EDISON CO OF NY INC\0141847_CONED-ES-DIVESTITURE SITE 2016\GIS\MAP_DOCS\MXD\2017\FIGURE 4B - BORING LOCATIONS COMPARED TO PGGW SCGS.MXD - USER: CWEAVER - DATE: 4/19/2017

SOIL SAMPLE PROTECTION OF GROUNDWATER SCO EXCEEDANCES

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 4B

APRIL 2017



PATH: M:\202300_CONSOLIDATED EDISON CO OF NY INC\0141847_CONED-ES-DIVESTITURE-SITE 2016\GIS\MAP_DOCS\MXD\2017\FIGURE 5 - GROUNDWATER SAMPLE EXCEEDANCES.MXD - USER: CWEAVER - DATE: 4/13/2017

GROUNDWATER SAMPLE EXCEEDANCES

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 5

APRIL 2017

NORTH FIRST STREET TERMINAL SUPPLEMENTAL SITE INVESTIGATION



PATH: M:\AP\FILE01\GIS_PROJECT\SI\202300_CONSOLIDATED EDISON CO OF NY INC\01418.87_CONED-ES-DIVESTITURE SITE 2010\GIS\MAP_DOCS\MXD\20170\FIGURE 6 - GROUNDWATER CONTOURS.MXD - USER: CMILLS - DATE: 4/27/2017

GROUNDWATER ELEVATION

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 6

APRIL 2017

NORTH FIRST STREET TERMINAL SUPPLEMENTAL SITE INVESTIGATION

TABLES

Table 1A
Soil Sample Analytical Results Compared to Use Based SCOs
Consolidated Edison Company of New York - North First Street Terminal
Parcel II Supplemental Site Investigation February 2017
Williamsburg, Brooklyn, New York

Location					SB-A	SB-A (Duplicate)	SB-A	SB-C	SB-C
Sample Name					SB-A(5-6)	SB-X(5-6)	SB-A(10-11)	SB-C(5-6)	SB-C(10-11)
Chemical	Unrestricted Use	Restricted Use Restricted Residential	Restricted Use Commercial	Restricted Use Industrial					
VOCs									
1,1,1-Trichloroethane	0.68	100	500	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,1,2,2-Tetrachloroethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,1,2-Trichloroethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,1-Dichloroethane	0.27	26	240	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,1-Dichloroethene	0.33	100	500	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,2,3-Trichlorobenzene	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,2,4-Trichlorobenzene	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,2-Dibromo-3-chloropropane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,2-Dibromoethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,2-Dichlorobenzene	1.1	100	500	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,2-Dichloroethane	0.02	3.1	30	NC	0.046 U	0.046 U	0.051 U	0.44 U	0.47 U
1,2-Dichloropropane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,3-Dichlorobenzene	2.4	49	280	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,4-Dichlorobenzene	1.8	13	130	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
1,4-Dioxane	0.1	13	130	NC	4.6 U	4.6 U	5.1 U	44 U	47 U
2-Butanone	0.12	100	500	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
2-Hexanone	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
4-Methyl-2-pentanone	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Acetone	0.05	100	500	NC	0.46 U	0.46 U	0.51 U	4.4 U	4.7 U
Benzene	0.06	4.8	44	NC	0.046 U	0.046 U	0.051 U	0.44 U	0.47 U
Bromochloromethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Bromodichloromethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Bromoform	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Bromomethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Carbon disulfide	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Carbon tetrachloride	0.76	2.4	22	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Chlorobenzene	1.1	100	500	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Chloroethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Chloroform	0.37	49	350	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Chloromethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
cis-1,2-Dichloroethene	0.25	100	500	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
cis-1,3-Dichloropropene	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Cyclohexane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Dibromochloromethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Dichlorodifluoromethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Ethylbenzene	**1**	**41**	390	NC	**0.19**	0.092 U	**0.54**	**170**	**34**
Isopropylbenzene	NC	NC	NC	NC	0.091 U	**0.27**	0.1 U	**14**	**1.4**
m&p-Xylenes	NC	NC	NC	NC	**1.8**	**4.6**	**2.3**	**660**	**160**
Methyl Acetate	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Methylcyclohexane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	**5.1**	0.94 U
Methylene chloride	0.05	100	500	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Methyl-t-butyl ether	0.93	100	500	NC	0.046 U	0.046 U	0.051 U	0.44 U	0.47 U
o-Xylene	NC	NC	NC	NC	0.091 U	0.092 U	**0.25**	**92**	**23**
Styrene	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Tetrachloroethene	1.3	19	150	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Toluene	**0.7**	100	500	NC	0.091 U	0.092 U	0.1 U	**22**	**3.6**
trans-1,2-Dichloroethene	0.19	100	500	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
trans-1,3-Dichloropropene	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Trichloroethene	0.47	21	200	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Trichlorofluoromethane	NC	NC	NC	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Vinyl chloride	0.02	0.9	13	NC	0.091 U	0.092 U	0.1 U	0.88 U	0.94 U
Xylenes (Total)	**0.26**	**100**	**500**	NC	**1.8**	**4.6**	**2.6**	**750**	**180**

Table 1A
Soil Sample Analytical Results Compared to Use Based SCOs
Consolidated Edison Company of New York - North First Street Terminal
Parcel II Supplemental Site Investigation February 2017
Williamsburg, Brooklyn, New York

Chemical	Unrestricted Use	Restricted Use Restricted Residential	Restricted Use Commercial	Restricted Use Industrial	Location Sample Name SB-A SB-A(5-6)	SB-A (Duplicate) SB-X(5-6)	SB-A SB-A(10-11)	SB-C SB-C(5-6)	SB-C SB-C(10-11)
SVOCs									
1,1'-Biphenyl	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
1,2,4,5-Tetrachlorobenzene	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
2,3,4,6-Tetrachlorophenol	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
2,4,5-Trichlorophenol	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
2,4,6-Trichlorophenol	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
2,4-Dichlorophenol	NC	NC	NC	NC	0.0096 U	0.0098 U	0.0096 U	0.0095 U	0.0095 U
2,4-Dimethylphenol	NC	NC	NC	NC	0.0096 U	0.0098 U	**0.013**	**0.086**	**0.29**
2,4-Dinitrophenol	NC	NC	NC	NC	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U
2,4-Dinitrotoluene	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
2,6-Dinitrotoluene	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
2-Chloronaphthalene	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
2-Chlorophenol	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
2-Methylnaphthalene	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
2-Methylphenol	0.33	100	500	1,000	0.0096 U	0.0098 U	0.0096 U	0.0095 U	0.0095 U
2-Nitroaniline	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
2-Nitrophenol	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
3&4-Methylphenol	0.33	100	500	1,000	0.0096 U	0.0098 U	0.0096 U	0.0095 U	**0.015**
3,3'-Dichlorobenzidine	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
3-Nitroaniline	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
4,6-Dinitro-2-methylphenol	NC	NC	NC	NC	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U
4-Bromophenyl-phenylether	NC	NC	NC	NC	0.0096 U	0.0098 U	0.0096 U	0.0095 U	0.0095 U
4-Chloro-3-methylphenol	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
4-Chloroaniline	NC	NC	NC	NC	0.0096 U	0.0098 U	0.0096 U	0.0095 U	0.0095 U
4-Chlorophenyl-phenylether	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
4-Nitroaniline	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
4-Nitrophenol	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Acenaphthene	20	100	500	1,000	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Acenaphthylene	100	100	500	1,000	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Acetophenone	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Anthracene	100	100	500	1,000	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Atrazine	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Benzaldehyde	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Benzo[a]anthracene	1	1	5.6	11	**0.038**	0.039 U	0.038 U	**0.076**	0.038 U
Benzo[a]pyrene	1	1	1	1.1	0.038 U	0.039 U	0.038 U	**0.061**	0.038 U
Benzo[b]fluoranthene	1	1	5.6	11	0.038 U	0.039 U	0.038 U	**0.087**	0.038 U
Benzo[g,h,i]perylene	100	100	500	1,000	0.038 U	0.039 U	0.038 U	**0.045**	0.038 U
Benzo[k]fluoranthene	0.8	3.9	56	110	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
bis(2-Chloroethoxy)methane	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
bis(2-Chloroethyl)ether	NC	NC	NC	NC	0.0096 U	0.0098 U	0.0096 U	0.0095 U	0.0095 U
bis(2-Chloroisopropyl)ether	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
bis(2-Ethylhexyl)phthalate	NC	NC	NC	NC	0.038 U	**0.041**	0.038 U	**0.11**	**0.097**
Butylbenzylphthalate	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Caprolactam	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Carbazole	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Chrysene	1	3.9	56	110	0.038 U	0.039 U	0.038 U	**0.071**	0.038 U
Dibenzo[a,h]anthracene	0.33	0.33	0.56	1.1	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Dibenzofuran	7	59	350	1,000	0.0096 U	0.0098 U	0.0096 U	**0.01**	0.0095 U
Diethylphthalate	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Dimethylphthalate	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Di-n-butylphthalate	NC	NC	NC	NC	0.0096 U	0.0098 U	0.0096 U	0.0095 U	0.0095 U
Di-n-octylphthalate	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Fluoranthene	100	100	500	1,000	**0.063**	**0.054**	0.038 U	**0.14**	**0.047**
Fluorene	30	100	500	1,000	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Hexachlorobenzene	0.33	1.2	6	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Hexachlorobutadiene	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Hexachlorocyclopentadiene	NC	NC	NC	NC	0.09 U	0.092 U	0.09 U	0.089 U	0.089 U

Table 1A
Soil Sample Analytical Results Compared to Use Based SCOs
Consolidated Edison Company of New York - North First Street Terminal
Parcel II Supplemental Site Investigation February 2017
Williamsburg, Brooklyn, New York

Chemical	Unrestricted Use	Restricted Use Restricted Residential	Restricted Use Commercial	Restricted Use Industrial	Location / Sample Name: SB-A SB-A(5-6)	SB-A (Duplicate) SB-X(5-6)	SB-A SB-A(10-11)	SB-C SB-C(5-6)	SB-C SB-C(10-11)
SVOCs (continued)									
Hexachloroethane	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	5.6	11	0.038 U	0.039 U	0.038 U	**0.041**	0.038 U
Isophorone	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Naphthalene	12	100	500	1,000	0.0096 U	0.0098 U	0.0096 U	0.0095 U	0.0095 U
Nitrobenzene	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
N-Nitroso-di-n-propylamine	NC	NC	NC	NC	0.0096 U	0.0098 U	0.0096 U	0.0095 U	0.0095 U
N-Nitrosodiphenylamine	NC	NC	NC	NC	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Pentachlorophenol	0.8	6.7	6.7	55	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U
Phenanthrene	100	100	500	1,000	0.038 U	0.039 U	0.038 U	**0.14**	**0.089**
Phenol	0.33	100	500	1,000	0.038 U	0.039 U	0.038 U	0.038 U	0.038 U
Pyrene	100	100	500	1,000	**0.061**	**0.054**	0.038 U	**0.16**	**0.065**

Notes:
1. All results are in mg/kg
2. Highlighted cells indicate exceedances of NYSDEC Part 375 Table375-6.8(b) Soil Cleanup Objectives (SCO).
3. U = not detected at the reporting limit.
4. Bold values indicate detected results.
5. NC = no regulatory criteria

Table 1B
Soil Sample Analytical Results
Consolidated Edison Company of New York - North First Street Terminal
Parcel II Supplemental Site Investigation February 2017
Williamsburg, Brooklyn, New York

	Location ID	SB-A	SB-A	SB-A (Duplicate)	SB-C	SB-C
	Sample Name	SB-A(5-6)	SB-A(10-11)	SB-X(5-6)	SB-C(5-6)	SB-C(10-11)
Chemical	Protection of Groundwater					
1,1,1-Trichloroethane	0.68	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,1,2,2-Tetrachloroethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,1,2-Trichloroethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,1-Dichloroethane	0.27	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,1-Dichloroethene	0.33	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,2,3-Trichlorobenzene	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,2,4-Trichlorobenzene	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,2-Dibromo-3-chloropropane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,2-Dibromoethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,2-Dichlorobenzene	1.1	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,2-Dichloroethane	0.02	0.046 U	0.051 U	0.046 U	0.44 U	0.47 U
1,2-Dichloropropane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,3-Dichlorobenzene	2.4	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,4-Dichlorobenzene	1.8	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
1,4-Dioxane	0.1	4.6 U	5.1 U	4.6 U	44 U	47 U
2-Butanone	0.12	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
2-Hexanone	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
4-Methyl-2-pentanone	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Acetone	0.05	0.46 U	0.51 U	0.46 U	4.4 U	4.7 U
Benzene	0.06	0.046 U	0.051 U	0.046 U	0.44 U	0.47 U
Bromochloromethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Bromodichloromethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Bromoform	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Bromomethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Carbon disulfide	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Carbon tetrachloride	0.76	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Chlorobenzene	1.1	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Chloroethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Chloroform	0.37	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Chloromethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
cis-1,2-Dichloroethene	0.25	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
cis-1,3-Dichloropropene	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Cyclohexane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Dibromochloromethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Dichlorodifluoromethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Ethylbenzene	**1**	**0.19**	**0.54**	0.092 U	**170**	**34**
Isopropylbenzene	NC	0.091 U	0.1 U	**0.27**	**14**	**1.4**
m&p-Xylenes	NC	**1.8**	**2.3**	**4.6**	**660**	**160**
Methyl Acetate	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Methylcyclohexane	NC	0.091 U	0.1 U	0.092 U	**5.1**	0.94 U
Methylene chloride	0.05	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Methyl-t-butyl ether	0.93	0.046 U	0.051 U	0.046 U	0.44 U	0.47 U
o-Xylene	NC	0.091 U	**0.25**	0.092 U	**92**	**23**
Styrene	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Tetrachloroethene	1.3	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Toluene	**0.7**	0.091 U	0.1 U	0.092 U	**22**	**3.6**
trans-1,2-Dichloroethene	0.19	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
trans-1,3-Dichloropropene	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Trichloroethene	0.47	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Trichlorofluoromethane	NC	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Vinyl chloride	0.02	0.091 U	0.1 U	0.092 U	0.88 U	0.94 U
Xylenes (Total)	**1.6**	**1.8**	**2.6**	**4.6**	**750**	**180**

Table 1B
Soil Sample Analytical Results
Consolidated Edison Company of New York - North First Street Terminal
Parcel II Supplemental Site Investigation February 2017
Williamsburg, Brooklyn, New York

	Location ID	SB-A	SB-A	SB-A (Duplicate)	SB-C	SB-C
	Sample Name	SB-A(5-6)	SB-A(10-11)	SB-X(5-6)	SB-C(5-6)	SB-C(10-11)
Chemical	Protection of Groundwater					
SVOCs						
1,1'-Biphenyl	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
1,2,4,5-Tetrachlorobenzene	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
2,3,4,6-Tetrachlorophenol	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
2,4,5-Trichlorophenol	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
2,4,6-Trichlorophenol	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
2,4-Dichlorophenol	NC	0.0096 U	0.0096 U	0.0098 U	0.0095 U	0.0095 U
2,4-Dimethylphenol	NC	0.0096 U	**0.013**	0.0098 U	**0.086**	**0.29**
2,4-Dinitrophenol	NC	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U
2,4-Dinitrotoluene	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
2,6-Dinitrotoluene	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
2-Chloronaphthalene	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
2-Chlorophenol	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
2-Methylnaphthalene	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
2-Methylphenol	0.33	0.0096 U	0.0096 U	0.0098 U	0.0095 U	0.0095 U
2-Nitroaniline	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
2-Nitrophenol	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
3&4-Methylphenol	0.33	0.0096 U	0.0096 U	0.0098 U	0.0095 U	**0.015**
3,3'-Dichlorobenzidine	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
3-Nitroaniline	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
4,6-Dinitro-2-methylphenol	NC	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U
4-Bromophenyl-phenylether	NC	0.0096 U	0.0096 U	0.0098 U	0.0095 U	0.0095 U
4-Chloro-3-methylphenol	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
4-Chloroaniline	NC	0.0096 U	0.0096 U	0.0098 U	0.0095 U	0.0095 U
4-Chlorophenyl-phenylether	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
4-Nitroaniline	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
4-Nitrophenol	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Acenaphthene	98	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Acenaphthylene	107	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Acetophenone	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Anthracene	1,000	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Atrazine	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Benzaldehyde	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Benzo[a]anthracene	1	**0.038**	0.038 U	0.039 U	**0.076**	0.038 U
Benzo[a]pyrene	22	0.038 U	0.038 U	0.039 U	**0.061**	0.038 U
Benzo[b]fluoranthene	1.7	0.038 U	0.038 U	0.039 U	**0.087**	0.038 U
Benzo[g,h,i]perylene	1,000	0.038 U	0.038 U	0.039 U	**0.045**	0.038 U
Benzo[k]fluoranthene	1.7	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
bis(2-Chloroethoxy)methane	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
bis(2-Chloroethyl)ether	NC	0.0096 U	0.0096 U	0.0098 U	0.0095 U	0.0095 U
bis(2-Chloroisopropyl)ether	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
bis(2-Ethylhexyl)phthalate	NC	0.038 U	0.038 U	**0.041**	**0.11**	**0.097**
Butylbenzylphthalate	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Caprolactam	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Carbazole	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Chrysene	1	0.038 U	0.038 U	0.039 U	**0.071**	0.038 U
Dibenzo[a,h]anthracene	1,000	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Dibenzofuran	210	0.0096 U	0.0096 U	0.0098 U	**0.01**	0.0095 U
Diethylphthalate	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Dimethylphthalate	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Di-n-butylphthalate	NC	0.0096 U	0.0096 U	0.0098 U	0.0095 U	0.0095 U
Di-n-octylphthalate	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Fluoranthene	1,000	**0.063**	0.038 U	**0.054**	**0.14**	**0.047**
Fluorene	386	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Hexachlorobenzene	3.2	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Hexachlorobutadiene	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U

Table 1B
Soil Sample Analytical Results
Consolidated Edison Company of New York - North First Street Terminal
Parcel II Supplemental Site Investigation February 2017
Williamsburg, Brooklyn, New York

	Location ID	SB-A	SB-A	SB-A (Duplicate)	SB-C	SB-C
	Sample Name	SB-A(5-6)	SB-A(10-11)	SB-X(5-6)	SB-C(5-6)	SB-C(10-11)
Chemical	Protection of Groundwater					
Hexachlorocyclopentadiene	NC	0.09 U	0.09 U	0.092 U	0.089 U	0.089 U
Hexachloroethane	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Indeno[1,2,3-cd]pyrene	8.2	0.038 U	0.038 U	0.039 U	**0.041**	0.038 U
Isophorone	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Naphthalene	12	0.0096 U	0.0096 U	0.0098 U	0.0095 U	0.0095 U
Nitrobenzene	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
N-Nitroso-di-n-propylamine	NC	0.0096 U	0.0096 U	0.0098 U	0.0095 U	0.0095 U
N-Nitrosodiphenylamine	NC	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Pentachlorophenol	0.8	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U
Phenanthrene	1,000	0.038 U	0.038 U	0.039 U	**0.14**	**0.089**
Phenol	0.33	0.038 U	0.038 U	0.039 U	0.038 U	0.038 U
Pyrene	1,000	**0.061**	0.038 U	**0.054**	**0.16**	**0.065**

Notes:
1. All results are in mg/kg
2. Highlighted cells indicate exceedances of NYSDEC
Part 375 Table375-6.8(b) Soil Cleanup Objectives (SCO).
3. U = not detected at the reporting limit.
4. Bold values indicate detected results.
5. NC = no regulatory criteria

Table 2
Groundwater Sample Analytical Results
Consolidated Edison Company of New York - North First Street Terminal
Parcel II Supplemental Site Investigation February 2017
Williamsburg, Brooklyn, New York

	Location ID	MW-10	MW-12	MW-14	MW-4	PZA-06	PZA-09	SMW-A	SMW-C
	Sample Date	2/14/2017	2/15/2017	2/15/2017	2/15/2017	2/14/2017	2/14/2017	2/14/2017	2/14/2017
CHEMICAL_NAME	TOGS 1.1.1								
1,1,1-Trichloroethane	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,1,2,2-Tetrachloroethane	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,1,2-Trichloroethane	1	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,1-Dichloroethane	5	1 U	200 U	1 U	**2**	5 U	1 U	200 U	200 U
1,1-Dichloroethene	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,2,3-Trichlorobenzene	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,2,4-Trichlorobenzene	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,2-Dibromo-3-chloropropane	0.04	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,2-Dibromoethane	0.0006	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,2-Dichlorobenzene	3	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,2-Dichloroethane	0.6	0.5 U	100 U	0.5 U	0.5 U	2.5 U	0.5 U	100 U	100 U
1,2-Dichloropropane	1	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,3-Dichlorobenzene	3	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,4-Dichlorobenzene	3	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
1,4-Dioxane	NC	50 U	10000 U	50 U	50 U	250 U	50 U	10000 U	10000 U
2-Butanone	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
2-Hexanone	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
4-Methyl-2-pentanone	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Acetone	50	5 U	1000 U	5 U	5 U	25 U	5 U	1000 U	1000 U
Benzene	1	0.5 U	100 U	0.5 U	0.5 U	2.5 U	0.5 U	100 U	100 U
Bromochloromethane	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Bromodichloromethane	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Bromoform	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Bromomethane	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Carbon disulfide	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Carbon tetrachloride	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Chlorobenzene	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Chloroethane	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Chloroform	7	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Chloromethane	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
cis-1,2-Dichloroethene	**5**	1 U	200 U	**1**	**1.5**	**9.1**	1 U	200 U	200 U
cis-1,3-Dichloropropene	0.4	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Cyclohexane	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Dibromochloromethane	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Dichlorodifluoromethane	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Ethylbenzene	**5**	1 U	**12000**	1 U	1 U	**1200**	1 U	**5600**	**24000**
Isopropylbenzene	**5**	1 U	200 U	1 U	1 U	5 U	1 U	200 U	**220**
m&p-Xylenes	NC	1 U	**66000**	1 U	1 U	**4900**	1 U	**23000**	**110000**
Methyl Acetate	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Methylcyclohexane	NC	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Methylene chloride	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Methyl-t-butyl ether	10	0.5 U	100 U	0.5 U	**0.92**	2.5 U	**1.4**	100 U	100 U
o-Xylene	NC	1 U	**8000**	1 U	1 U	**1100**	1 U	**3300**	**21000**
Styrene	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Tetrachloroethene	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Toluene	**5**	1 U	**9800**	1 U	1 U	**2200**	1 U	**840**	**19000**
trans-1,2-Dichloroethene	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
trans-1,3-Dichloropropene	0.4	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Trichloroethene	5	1 U	200 U	**4.4**	1 U	5 U	1 U	200 U	200 U
Trichlorofluoromethane	5	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Vinyl chloride	2	1 U	200 U	1 U	1 U	5 U	1 U	200 U	200 U
Xylenes (Total)	**5**	1 U	**74000**	1 U	1 U	**6000**	1 U	**26000**	**130000**

Table 2
Groundwater Sample Analytical Results
Consolidated Edison Company of New York - North First Street Terminal
Parcel II Supplemental Site Investigation February 2017
Williamsburg, Brooklyn, New York

	Location ID	MW-10	MW-12	MW-14	MW-4	PZA-06	PZA-09	SMW-A	SMW-C
	Sample Date	2/14/2017	2/15/2017	2/15/2017	2/15/2017	2/14/2017	2/14/2017	2/14/2017	2/14/2017
CHEMICAL_NAME	TOGS 1.1.1								
SVOCs									
1,1'-Biphenyl	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
1,2,4,5-Tetrachlorobenzene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
2,3,4,6-Tetrachlorophenol	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
2,4,5-Trichlorophenol	1	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
2,4,6-Trichlorophenol	1	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
2,4-Dichlorophenol	1	0.8 U	0.47 U	0.8 U	0.8 U	0.81 U	0.8 U	0.8 U	0.84 U
2,4-Dimethylphenol	**1**	0.5 U	**65**	0.5 U	0.5 U	**0.61**	0.5 U	**60**	**45**
2,4-Dinitrophenol	1	10 U	5.9 U	10 U	10 U	10 U	10 U	10 U	11 U
2,4-Dinitrotoluene	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
2,6-Dinitrotoluene	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
2-Chloronaphthalene	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
2-Chlorophenol	1	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
2-Methylnaphthalene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	**4.1**
2-Methylphenol	**1**	0.5 U	**12**	0.5 U	0.5 U	0.51 U	0.5 U	**2.3**	**14**
2-Nitroaniline	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
2-Nitrophenol	1	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
3&4-Methylphenol	**1**	0.5 U	**20**	0.5 U	0.5 U	**5.1**	0.5 U	**4.8**	**39**
3,3'-Dichlorobenzidine	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
3-Nitroaniline	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
4,6-Dinitro-2-methylphenol	1	10 U	5.9 U	10 U	10 U	10 U	10 U	10 U	11 U
4-Bromophenyl-phenylether	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
4-Chloro-3-methylphenol	1	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
4-Chloroaniline	5	0.5 U	0.29 U	0.5 U	0.5 U	0.51 U	0.5 U	0.5 U	0.53 U
4-Chlorophenyl-phenylether	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
4-Nitroaniline	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
4-Nitrophenol	1	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Acenaphthene	20	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Acenaphthylene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Acetophenone	NC	2 U	**11**	2 U	2 U	2 U	2 U	**11**	**11**
Anthracene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Atrazine	7.5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Benzaldehyde	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Benzo[a]anthracene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Benzo[a]pyrene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Benzo[b]fluoranthene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Benzo[g,h,i]perylene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Benzo[k]fluoranthene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
bis(2-Chloroethoxy)methane	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
bis(2-Chloroethyl)ether	1	0.5 U	0.29 U	0.5 U	0.5 U	0.51 U	0.5 U	0.5 U	0.53 U
bis(2-Chloroisopropyl)ether	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
bis(2-Ethylhexyl)phthalate	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Butylbenzylphthalate	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Caprolactam	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Carbazole	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Chrysene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Dibenzo[a,h]anthracene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Dibenzofuran	NC	0.5 U	0.29 U	0.5 U	0.5 U	0.51 U	0.5 U	0.5 U	0.53 U
Diethylphthalate	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Dimethylphthalate	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Di-n-butylphthalate	50	0.5 U	0.29 U	0.5 U	0.5 U	0.51 U	0.5 U	0.5 U	0.53 U
Di-n-octylphthalate	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Fluoranthene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Fluorene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U

Table 2
Groundwater Sample Analytical Results
Consolidated Edison Company of New York - North First Street Terminal
Parcel II Supplemental Site Investigation February 2017
Williamsburg, Brooklyn, New York

	Location ID	MW-10	MW-12	MW-14	MW-4	PZA-06	PZA-09	SMW-A	SMW-C
	Sample Date	2/14/2017	2/15/2017	2/15/2017	2/15/2017	2/14/2017	2/14/2017	2/14/2017	2/14/2017
CHEMICAL_NAME	TOGS 1.1.1								
Hexachlorobenzene	0.04	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Hexachlorobutadiene	0.5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Hexachlorocyclopentadiene	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Hexachloroethane	5	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Indeno[1,2,3-cd]pyrene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Isophorone	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Naphthalene	NC	0.5 U	**0.68**	0.5 U	0.5 U	0.51 U	0.5 U	**1**	**2.1**
Nitrobenzene	0.4	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
N-Nitroso-di-n-propylamine	NC	0.5 U	0.29 U	0.5 U	0.5 U	0.51 U	0.5 U	0.5 U	0.53 U
N-Nitrosodiphenylamine	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Pentachlorophenol	1	3.6 U	2.1 U	3.6 U	3.6 U	10 U	10 U	10 U	11 U
Phenanthrene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U
Phenol	**1**	2 U	1.2 U	2 U	2 U	**12**	2 U	2 U	**19**
Pyrene	NC	2 U	1.2 U	2 U	2 U	2 U	2 U	2 U	2.1 U

Notes:
1. All results are in ug/l.
2. Highlighted cells indicate exceedances of NYSDEC Groundwater Quality Standards (TOGS 1.1.1)
3. U = not detected at the reporting limit.
4. Bold values indicate detected results.
5. NC = no regulatory criteria

APPENDIX A

NYSDEC WORK PLAN APPROVAL CORRESPONDENCE

Schwetz, Edward .

From: Munteanu-Ramnic, Ioana (DEC) <ioana.munteanu-ramnic@dec.ny.gov>
Sent: Wednesday, February 01, 2017 4:34 PM
To: Mobyed, Kristin M
Cc: O'Halloran, Neil J; O'Connell, Jane H (DEC)
Subject: RE: North 1st Street Terminal - Parcel II Supplemental Remedial Investigation Summary & Schedule - REV 1/20/17 <External Sender>

Follow Up Flag: Follow up
Flag Status: Flagged

EXTERNAL SENDER. Do not click on links if sender is unknown and never provide user ID or passwo

Ms. Mobyed,

The NYSDEC has reviewed attached e-mail containing three proposed modifications to the SRIWP and found these modifications acceptable.

Thank you

From: Mobyed, Kristin M [mailto:MOBYEDK@coned.com]
Sent: Friday, January 20, 2017 12:47 PM
To: Munteanu-Ramnic, Ioana (DEC) <ioana.munteanu-ramnic@dec.ny.gov>
Cc: O'Halloran, Neil J <O'HALLORANN@coned.com>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>
Subject: North 1st Street Terminal - Parcel II Supplemental Remedial Investigation Summary & Schedule - REV 1/20/17

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Ms. Munteanu-Ramnic,

As a follow up to our conversation on Wednesday morning (1/18/17), please be advised that Con Edison completed a site walk on 1/12/17 in preparation for the upcoming investigation work planned at the NFST site located in Williamsburg, Brooklyn, New York. During the field walk an embankment (with a significant incline) was observed around the site perimeter where soil borings SB-D and SB-A/SMW-A are proposed in the approved Supplemental Remedial Investigation Work Plan North First Street MOSF – Parcel II Brooklyn, NY, dated November 11, 2016. The embankment is high and narrow, and appears to be filled with large rock material (~4"-8" diameter was observed), likely placed for erosion mitigation, which may obstruct the planned installation activities. Additionally, standing water and debris was observed across the low lying areas of the site in the locations where the remaining soil boring and monitoring well (SB-B and SB-C/SWM-C) locations are proposed, respectively.

All points are intended to be positioned with a minimum spacing of ~25ft between them. As indicated in the attached revised figure, the following proposed modifications to the approved locations are recommended:

- Sample existing well MW-10 in lieu of advancing the proposed boring SB-D, which is inaccessible due to the existing embankment
- Relocate soil boring SB-A/SMW-A to the north approximately 5 ft., at the foot of the existing incline; the point is currently located on the slope of the incline – making it infeasible for the rig to reach the location safely

- A contingent point (SB-B) is proposed approximately 25 ft. the west of SB-A; if impacts are identified during collection of boring SB-A, a step out boring and/or installation of a well downgradient, to the west between PZA-06 and PZA-09 will be considered
- No change to SB-C/SMW-C is proposed at this time

In accordance with the approved Supplemental Remedial Investigation Work Plan North First Street MOSF – Parcel II Brooklyn, NY, dated November 11, 2016, groundwater samples will also be collected from the two new wells SMW-A and SWM-B, existing wells PZ-06A and PZ-09A and updgradient wells MW- 4, MW-12 an MW-14 on the adjoining sidewalk of River Street to the east (upgradient) of wells PZ-06A and PZ-09A.

A revised schedule is provided below for your reference:

Task Name	Start	Finish	Duration (days)
FIELD PLANNING AND IMPLEMENTATION			
Schedule Fieldwork/Mobilization	1/19/17	1/27/2017	14
Site Walk/Inspection	1/27/2016	1/12/2017	complete
Develop HASP Addendum and Approval	1/9/17	1/20/2017	10
Geophysical Survey/Utility Mark-Out*	1/23/2017	1/24/2017	2
Vacuum Excavation Soil Boring/Gas Locations (to 5' bgs)	2/1/2017	2/3/2017	3
Soil Boring/MW Installation/Development	2/6/2017	2/10/2017	5
Groundwater Gauging/Sampling	2/21/2017	2/22/2017	2
REPORT PREPARATION			
Laboratory Analysis	2/23/2017	3/15/17	15
Draft Supplemental RI Report Preparation	3/6/17	3/31/17	20
Draft Supplemental RI Report review	4/3/17	4/14/17	10
NYDEC Review of Supplementary RI Report	4/17/17	5/12/17	20
Response to NYDEC Comments	5/12/17	5/26/17	10
Final RI Report	5/26/17	6/9/17	10

**Accelerated to be completed concurrent with the LBG sampling event on Parcel III of Con Edison's NFST station*
Red = revised

Thank you,

Kristin Mobyed

Engineer
EHS Remediation Programs & Legacy Sites
Con Edison of New York, Inc.

(718) 204-4186 [office]

APPENDIX B

SURFACE GEOPHYSICS UTILITY CLEARANCE FIGURES



FIGURE 1

SITE LOCATION MAP

NOVA

Geophysical Services

Subsurface Mapping Solutions

56-01 Marathon Pkwy, # 765, Douglaston, NY11362

(347) 556-7787 Fax (718) 261-1528

www.nova-gsi.com

SITE: **Commercial Property**
Metropolitan Avenue and River Street
Brooklyn, New York 11211

SCALE: See Map



1- All anomalies were marked in the field.

NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, PO Box 765
Douglaston, New York11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

GEOPHYSICAL SURVEY PLAN

SITE : **Commercial Property**
Metropolitan Avenue and River Street
Brooklyn, New York 11211

CLIENT: **LANGAN**
DATE: January 23, 2017
Scale: See Map

INFORMATION

- **Survey Area**
- **Water Line**
- **Sewer Line**
- **Electrical Line**
- **Gas Line**

75 ft.

GEOPHYSICAL IMAGES

Commercial Property
Metropolitan Avenue and River Street
Brooklyn, New York 11211
December 23rd, 2017









APPENDIX C
GEOLOGIC LOGS

GEOLOGIC BORING LOG

PROJECT NAME:	SUPPLEMENTAL SITE INVESTIGATION	**DRILLING CONTRACTOR:**		**DATE STARTED** 2/1/2017	**BORING ID:** SB/SMW-A
LOCATION:	No. 1ST STREET, BROOKLYN NY	AQUIFER DRILLING & TESTING (ADT)		**DATE COMPLETED** 2/2/2017	**TOTAL DEPTH** 15
CLIENT:	CONSOLIDATED EDISON	**DRILLER:** J. McGILL		**GROUNDWATER:**	**BORING LOCATION:**
CONTRACT:		**EQUIPMENT:** CME 55		**DEPTH:** 4.45 ft btoc	**X:**
ASSIGNMENT:		**METHOD:** H.S.A.		**DATE:** 2/3/2017	**Y:**
HDR PROJECT #:	10022128-257543-005	**BORE DIAM.:** 6"	**SAMPLER TYPE** MACROCORE	**METHOD:** PROBE IN INSTALLED MW	**COORDINATE SYSTEM:**
HDR INSPECTOR:	C. MILLS				

DEPTH (FT)	DRIVEN (FT)	RECOVERY (FT)	SAMPLE (Y/N)	MATRIX (SO/GW)	DRILL RATE (Sec/Ft) & NOTES	PID (ppm) BGRND	PID (ppm) SMPL	MATERIAL DESCRIPTION	REMARKS
0	NA				N/A	ND	ND	Brown silty fine to medium SAND, trace coarse sand	HAND CLEARED TO 5'
								gravel to cobble/boulder size. Fill (concrete, brick)	USING HAND TOOLS AND
									AIR BLADE
5	5	NA	Y	SO	N/A	ND	ND	Medium dark brown fine to medium SAND, some silt,	SAMPLE: SB-A (5-6)
						ND	ND	trace coarse sand to gravel. Moist starting approx	VOC, SVOC, %Moisture
						ND	ND	5 ft. No odor.	13:55 on 2/2/2017
						ND	ND		**DUP:** "SB-X (5-6)" collected
10						ND	ND	Fine sandy SILT, trace gravel. Moist. No odor.	w/time shown as 15:00
	5	NA	Y	SO	N/A	ND	ND	Dark gray-brown fine sand, little silt, trace coarse sand,	SAMPLE: SB-A (10-11)
						ND	ND	gravel. Moist. No odor.	VOC, SVOC, %Moisture
						ND	ND		13:45 on 2/2/2017
15						ND	ND		
						ND	ND		
					N/A			TERMINATED BOREHOLE AT 15 FT BELOW GRADE	
								Note: for both sampler returns the liner was stuck in the	
								macrocore sampler and an intact core was unable to be	
20								retrieved.	
25									
30									
35									

NOTES:

F - Fine and < 50%
M - Medium some 30% to 50%
C - Coarse little 10% to 30%
F - C (Fine to coarse; fine, medium, & coarse) trace 0% to 10%

PID - MiniRae 2000 calibrated to 100ppm Isobutylene.

GEOLOGIC BORING LOG

PROJECT NAME: SUPPLEMENTAL SITE INVESTIGATION	**DRILLING CONTRACTOR:**	**DATE STARTED** 2/1/2017	**BORING ID:** SB/SMW-C
LOCATION: No. 1ST STREET, BROOKLYN NY	AQUIFER DRILLING & TESTING (ADT)	**DATE COMPLETED** 2/2/2017	**TOTAL DEPTH** 18
CLIENT: CONSOLIDATED EDISON	**DRILLER:** J. McGILL	**GROUNDWATER:**	**BORING LOCATION:**
CONTRACT:	**EQUIPMENT:** CME 55	**DEPTH:** 3.68 ft btoc	**X:**
ASSIGNMENT:	**METHOD:** H.S.A.	**DATE:** 2/3/2017	**Y:**
HDR PROJECT #: 10022128-257543-005	**BORE DIAM.:** 6" / **SAMPLER TYPE** MACROCORE	**METHOD:** PROBE IN INSTALLED MW	**COORDINATE SYSTEM:**
HDR INSPECTOR: C. MILLS			

DEPTH (FT)	DRIVEN (FT)	RECOVERY (FT)	SAMPLE (Y/N)	MATRIX (SO/GW)	DRILL RATE (Sec/Ft) & NOTES	PID (ppm) BGRND	PID (ppm) SMPL	MATERIAL DESCRIPTION	REMARKS
0					N/A	ND	0.6	Brown silty fine to medium SAND, trace coarse sand	HAND CLEARED TO 5' - 1"
	NA							to cobbles. Slight odor toward bottom of hole.	USING HAND TOOLS AND
								PID in hole reading 0.6 ppm.	AIR BLADE
5			Y	SO	N/A	ND	1407	Brown silty fine SAND, trace gravel. Moderate odor.	SAMPLE: SB-C (5-6)
	5					ND	135	Moist starting at approximately 5' bgs. Slight stain	VOC, SVOC, %Moisture
						ND	45	at about 5.25 ft.	10:15 on 2/2/2017
						ND	20		
10						ND	23		
			Y	SO	N/A	ND	4.5	Brown fine SAND, some silt, trace coarse sand, fine	SAMPLE: SB-C (10-11)
	3	3				ND	192	gravel. Moderate Odor. Moist.	VOC, SVOC, %Moisture
						ND	14.5		09:55 on 2/2/2017
						ND	54	Brown silty fine SAND. Slight odor. Moist.	
15						ND	5	Brown fine SAND, and to some silt, trace coarse	
					N/A			sand. Slight odor. Moist.	
	5	5				ND	1		
								TERMINATED BOREHOLE AT 18 FT BELOW GRADE	
20									
25									
30									
35									

NOTES:

F - Fine and < 50%
M - Medium some 30% to 50%
C - Coarse little 10% to 30%
F - C (Fine to coarse; fine, medium, & coarse) trace 0% to 10%

PID - MiniRae 2000 calibrated to 100ppm Isobutylene.

ENGINEERS FIELD BORING LOG

Boring No. PZ A-06
SURFACE ELEV
DATUM
SHEET 1 **OF** 1

PROJECT NAME Con Edison - North First Street - Parcel II Investigation

BORING LOCATION PZ A-06 **DATE** 08/03/15 **DRILLER NAME / COMPANY** ADT/ Andrea
MONITORING INSTRUMENTATION PID **HDR FIELD INSPECTOR** Brian Montroy

Depth (ft.)	Sample No.	Sample Depth (ft)	Geoprobe Sample: Pocket Pen.	Geoprobe Sample: Recov. (ft.)	Geoprobe Sample: DTW	Geoprobe Sample: PID	Sample Description	Remarks	CGI
0	**1**	**0-5**	2.5 3 3.5	4	N/A	 986	0-2.0: Brown Fine to Medium Sand with some silt, fine to coarse gravel 2.0-2.5: Brown Clayey Silt with trace fine gravel 2.5-2.7: White Quartz 2.7-5.0: Brown Clayey Silt with trace fine gravel	Slight to medium odor noted at 5'	HC = O_2 = LEL = CO =
5	**2**	**5-10**	2.5 >4.5	4.5	5.5'	9568 9780 5653 2789	5.0-6.0: Silt, saturated with groundwater 6.0-6.5: Fine Sand, slight sheen, trace fine gravel 6.5-10.0: Brown Clayey Silt with trace fine gravel		HC = O_2 = LEL = CO =
10	**3**	**10-15**		4.5	Sat.	5633 587 >9990 5652	10.0-12.0: Brown Clayey Silt with trace gravel 12.0-15.0: Fine Brown Sand	Saturated Zone	HC = O_2 = LEL = CO =
15							End of Boring at 15' Set 12' Well 10' Screen with 4' Riser		HC = O_2 = LEL = CO =
20									HC = O_2 = LEL = CO =
25									HC = O_2 = LEL = CO =
30									HC = O_2 = LEL = CO =
35									HC = O_2 = LEL = CO =
40									HC = O_2 = LEL = CO =
45									HC = O_2 = LEL = CO =
50									

WOR - Weight of Rods
WOH - Weight of Hammer
BOH - Bottom of Hole
NS - No Split Spoon Sample
SS-___ - Split Spoon Sample
U-___ - Undisturbed Sample

Proportions
And - Equal
Sandy - 31 - 49%
Some - 13 - 30%
Trace - 1 - 12%

Blows per 1' Compaction
0 - 4 - V. Loose
5 - 10 - Loose
11 - 30 - Med. Dense
31 - 50 - Dense
> 50 - V. Dense
50/6" - Refusal

Pocket Pen. (Clays only)
< 2 - V. Soft
2 - 4 - Soft
4 - 8 - Medium Stiff
8 - 15 - Stiff
15 - 30 - Very Stiff
> 30 - Hard

Strata Descriptions
F - Fill
O - Organic Deposits
S - Predominantly Sand
M - Predominantly Silt
C - Predominantly Clay

Strata Descriptions (cont.)
V - Varved Silt and Clay Deposits
T - Glacial Till Deposits
D - Decomposed Rock
R - Rock

ENGINEERS FIELD BORING LOG

Boring No. PZ A-09
SURFACE ELEV
DATUM
SHEET 1 **OF** 1

PROJECT NAME Con Edison - North First Street - Parcel II Investigation

BORING LOCATION PZ A-09 **DATE** 08/03/15 **DRILLER NAME / COMPANY** ADT/ Andrea
MONITORING INSTRUMENTATION PID **HDR FIELD INSPECTOR** Brian Montroy

Depth (ft.)	Sample No.	Sample Depth (ft)	Geoprobe Sample: Pocket Pen.	Geoprobe Sample: Recov. (ft.)	Geoprobe Sample: DTW	Geoprobe Sample: PID	Sample Description	Remarks	CGI
0	**1**	**0-5**	N/A	4	N/A	ND	0-3.5: Brown Fine Sand with trace gravel 3.5-5.0: Brown Silt with trace gravel	No odors detected	HC = O_2 = LEL = CO =
5	**2**	**5-10**	N/A	5	6.5'	ND 108 79 ND	5.0-7.0: Brown Silt with trace gravel 7.0-8.0: Brown Fine Sand with trace silt 8.0-10.0: Brown Silt with trace gravel	Slight odor at 7' Duplicate taken here Sampled for VOC at 6.5'	HC = O_2 = LEL = CO =
10	**3**	**10-15**	N/A	5	Sat.	ND ND	10.0-12.0: Clayey Brown Silt with trace gravel 12.0-15.0: Brown Fine Sand	Saturated Zone. No odor detected	HC = O_2 = LEL = CO =
15							End of Boring at 15' Set 12' Well 10' Screen with 3' Riser		HC = O_2 = LEL = CO =
20									HC = O_2 = LEL = CO =
25									HC = O_2 = LEL = CO =
30									HC = O_2 = LEL = CO =
35									HC = O_2 = LEL = CO =
40									HC = O_2 = LEL = CO =
45									HC = O_2 = LEL = CO =
50									

WOR - Weight of Rods
WOH - Weight of Hammer
BOH - Bottom of Hole
NS - No Split Spoon Sample
SS-___ - Split Spoon Sample
U-___ - Undisturbed Sample

Proportions
And - Equal
Sandy - 31 - 49%
Some - 13 - 30%
Trace - 1 - 12%

Blows per 1' Compaction
0 - 4 - V. Loose
5 - 10 - Loose
11 - 30 - Med. Dense
31 - 50 - Dense
> 50 - V. Dense
50/6" - Refusal

Pocket Pen. (Clays only)
< 2 - V. Soft
2 - 4 - Soft
4 - 8 - Medium Stiff
8 - 15 - Stiff
15 - 30 - Very Stiff
> 30 - Hard

Strata Descriptions
F - Fill
O - Organic Deposits
S - Predominantly Sand
M - Predominantly Silt
C - Predominantly Clay

Strata Descriptions (cont.)
V - Varved Silt and Clay Deposits
T - Glacial Till Deposits
D - Decomposed Rock
R - Rock

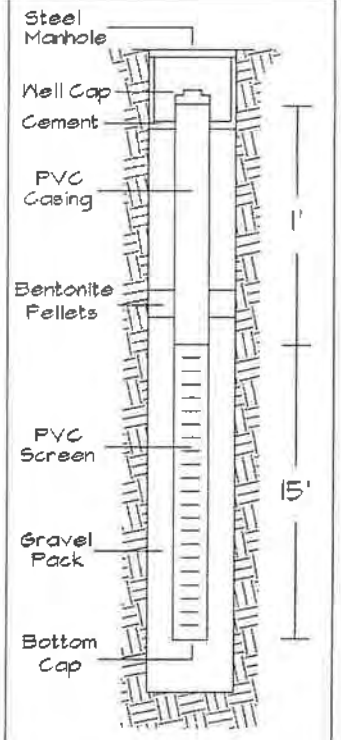
MILLER ENVIRONMENTAL GROUP, INC.
460 Edwards Avenue Calverton, New York 11933

Boring/Well No. MW-4 Page 1 of 1
Location NORTH FIRST STREET
Client CONSOLIDATED EDISON OF NY Date 9/2/92
Drilling Method HOLLOW STEM AUGER Driller K. KLAUS
Type of Sampling AUGER CUTTINGS Depth to Water ~4
Type of Casing PVC SCH 40 Diameter 4" Length 1'
Screen Type PVC 0.020" Diameter 4" Length 15'
Gravel Type MORIE #2 Seal BENTONITE PELLETS Backfill CLEAN SAND

Sample Depth	OVM ppm	Blows per 6"
4.0'	0	CUTTINGS

Soil Description	
0 - 0.5'	ASPHALT
0.5' - 1.0'	COBBLE STONES
1.0' - 1.5'	CONCRETE
1.5' - 4.0'	Fine, Silty, Black ASH/CINDERS, Wet at ~4'
4.0' - 20.0'	Soupy, Saturated, Black Material

Well Construction



Not To Scale

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Fyn Paint & Lacquer Co., Inc. **WELL NO.:** MW-10 **PAGE:** 1 **OF** 1 **PAGES**
SITE LOCATION: North side of North First Street adjacent to Tank 300	**SCREEN SIZE & TYPE:** 4-inch sch 40 PVC **SLOT NO.:** 20 **SETTING:** 9-29
DATE COMPLETED: July 21, 2003	**SAND PACK SIZE & TYPE:** #2 filter sand **SETTING:** 7-29
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	**CASING SIZE & TYPE:** 4-inch sch 40 PVC **SETTING:** 0-9
DRILLING METHOD: 6 1/4-inch hollow stem auger	
SAMPLING METHOD: Split spoon	**SEAL TYPE:** Bentonite **SETTING:** 3-7
OBSERVER: Michael De Felice	
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:** Sand
ELEVATION OF RP: ---	**STATIC WATER LEVEL:** NA
STICK-UP: NA	**DEVELOPMENT METHOD:** Surge and pump ~55 gallons
SURFACE COMPLETION: 2-foot by 2-foot raised 8-inch street-box (concrete)	**DURATION:** NA **YIELD:** NA
REMARKS: Spoons at 5-7, 10-12, 12-14 – drilled and dropped at 30 ft bg; * = Lab sample	
ABBREVIATIONS: **SS = split spoon W = wash C = cuttings G = grab ST = shelby tube** **REC = recovery PPM = parts per million**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
5	7	SS	11-11-8-6	1.75	0.2	Sand; medium to fine, trace silt, trace gravel/fill, brown/red color, dry, no odor.
10	12	SS	12-7-6-3	0.25	0.3	Sand; medium to fine, trace silt, trace gravel, moist, brown, no odor. Note: Very little recovery – voids in borehole.
12	14	SS	2-3-2-2	0.75	0.00*	Sand, medium to fine, some silt, saturated, brown, no odor. Note: Very little recovery – voids in borehole.
14	30	C	–	–	–	Auger to 30 ft bg, cuttings observed: Sand; medium to fine, trace silt, saturated, brown.
	30					End of boring.

1/ Units are ppm calibration gas equivalent

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Fyn Paint & Lacquer Co., Inc. **WELL NO.:** MW-12 **PAGE:** 1 **OF** 2 **PAGES**
SITE LOCATION: East side River Street, south of Metropolitan Greenpoint, Brooklyn	**SCREEN SIZE & TYPE:** 4-inch sch 40 PVC **SLOT NO.:** 20 **SETTING:** 9-24
DATE COMPLETED: July 24, 2003	**SAND PACK SIZE & TYPE:** #2 quartz **SETTING:** 7-24
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	**CASING SIZE & TYPE:** 4-inch sch 40 PVC **SETTING:** 0-9
DRILLING METHOD: Hollow stem auger	
SAMPLING METHOD: Split spoon	**SEAL TYPE:** Bentonite **SETTING:** 5-7
OBSERVER: Paul Woodell	
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:** Sand
ELEVATION OF RP: ---	**STATIC WATER LEVEL:**
STICK-UP: NA	**DEVELOPMENT METHOD:** Surge and pump ~50 gallons
SURFACE COMPLETION: 8-inch streetbox set in concrete	**DURATION:** **YIELD:**
REMARKS: * Sample sent to lab	
ABBREVIATIONS: **SS = split spoon W = wash C = cuttings G = grab ST = shelby tube** **REC = recovery PPM = parts per million**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
4	6	SS	4-2-4-4	0.6	0.0	Sand and gravel, some silt, brown, moist at top (rain water).
6	8	SS	4-6-4-3	1.2	0.4	Sand, medium to coarse and silt, brown, moist.
8	10	SS	4-4-2-2	Tip	0.1	Sand and gravel, some brick, moist, close to saturation. Cuttings at 10 feet have a higher clay content.
10	12	SS	3-1-1-2	1.0	26	Sand, fine and silt, some clay, brown, dark brown in tip, saturated bottom 0.5 foot slight odor in tip.
12	14	SS	6-8-7-8	0.4	>10K*	Sand, fine, and silt, brown, 0.2 foot band of black, free product, possible sheen, some odor.
14	16	SS	2-2-5-5	1.3	4,600	Sand, fine to coarse, and silt, some clay, brown, green band at 15.5 feet, strong solvent-like odor, becomes finer with depth.
16	18	SS	4-3-7-8	1.6	260	Silt, little clay, some fine sand at bottom half of spoon, olive brown, saturated.

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
18	20	SS		1.5	22	Sand, coarse to medium at top 0.5 foot, silt and sand; bottom 1.0 foot, broken schist, cobble, tight, moist.
20	22	SS		1.8	5.7	Sand and silt, trace gravel, trace clay, brown to rust, tight, moist.
						23-24 heavy drilling, water coming up augers.
						Auger refusal at 24 ft bg – set 15-foot screen 9 feet to 24 feet.

1/ Units are ppm calibration gas equivalent

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
18	20	SS		1.5	22	Sand, coarse to medium at top 0.5 foot, silt and sand; bottom 1.0 foot, broken schist, cobble, tight, moist.
20	22	SS		1.8	5.7	Sand and silt, trace gravel, trace clay, brown to rust, tight, moist.
						23-24 heavy drilling, water coming up augers.
						Auger refusal at 24 ft bg – set 15-foot screen 9 feet to 24 feet.

1/ Units are ppm calibration gas equivalent

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Fyn Paint & Lacquer Co., Inc. **WELL NO.:** MW-14 **PAGE:** 1 **OF** 1 **PAGES**
SITE LOCATION: Northwest corner of River Street and North First Street Greenpoint, Brooklyn	**SCREEN SIZE & TYPE:** 4-inch sch 40 PVC **SLOT NO.:** 20 **SETTING:** 8-28
DATE COMPLETED: July 30, 2003	**SAND PACK SIZE & TYPE:** #2 quartz sand **SETTING:** 6-28
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	**CASING SIZE & TYPE:** 4-inch sch 40 PVC **SETTING:**
DRILLING METHOD: 6 5/8-inch hollow stem auger	
SAMPLING METHOD: Split spoon	**SEAL TYPE:** Bentonite **SETTING:** 4-6
OBSERVER: Paul Woodell	
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:** Sand
ELEVATION OF RP: ---	**STATIC WATER LEVEL:**
STICK-UP: NA	**DEVELOPMENT METHOD:** Surge and pump ~50 gallons
SURFACE COMPLETION: 8-inch roadbox in concrete	**DURATION:** **YIELD:**
REMARKS: * Sample	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = recovery PPM = parts per million**	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
5	7	SS	2-1-1-2	0.3	0.0	Fill, sand, fine to coarse, some gravel, brown, moist.
7	9	SS	4-2-2-3	0.3	0.0	Fill, sand, fine to coarse, some gravel, brown, moist.
9	11	SS	5-8-8-10	0.6		Sand, medium to coarse and silt, trace gravel, brown, moist, compact.
11	13	SS	10-9-10-10	2.0	0.0*	Sand, fine to coarse, some silt, brown, saturated, sand is more coarse and compact at bottom 1.0 foot, no odor.
13	15	11	5-8-19-19	0.8	0.0	Sand, fine to coarse, some silt, brown, saturated.
15	17	11	4-9-15-16	2.0	0.1	Sand, fine to coarse, some silt, little gravel, 0.3 foot thick layer of coarse sand at 16 ft bg, brown, saturated, compact, no odor.
17	19	SS	18-16-60/2	2.0	0.1	Sand, medium to coarse, little silt, little gravel, more silt at bottom 1.0 foot, red sandstone broken cobble in tip, no odor.
19	21		High	1.5	0.2	Sand, medium to coarse and silt, 0.2 foot silt layer at 20.5 feet, broken cobble at 20.8 feet, brown, no odor.
	28					End of boring.

1/ Units are ppm calibration gas equivalent

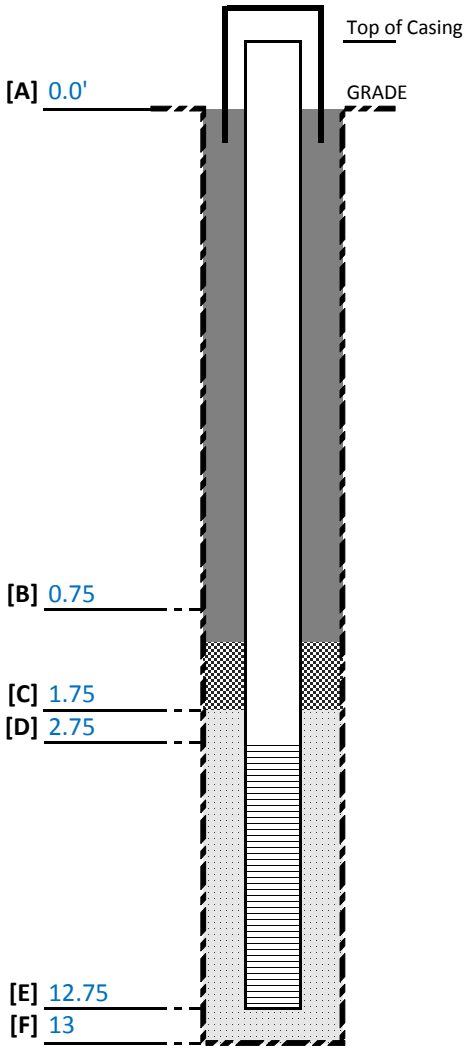
APPENDIX D
WELL CONSTRUCTION LOGS

MONITORING WELL CONSTRUCTION LOG

WELL ID: SMW-A

Project:	Supplemental Site Investigation	**Project Number:**	10022128-257543-005
Client:	Consolidated Edison	**Location:**	No. 1st Street, Brooklyn NY
Date Drilled:	2/2/2017	**Date Developed:**	2/3/2017
Date Completed:	2/3/2017	**Development Method:**	Purge
Cover Type:	Flush Mount	**Key ID or Socket Size:**	N/A
Casing Elevation:		**Coordinate System:**	
Grade Elevation:		**X:**	**Y:**

* NOT TO SCALE



KEY:

A - Grade
B - Top of Seal
C - Top of Sand Pack
D - Top of Screen
E - Bottom of Screen
F - Bottom of Borehole

GENERAL WELL INFO

Static Water Level:	4.45	**Date:**	2/3/2017
Measuring Point:	TOC		
Total Well Depth:	12.75		
Total Boring Depth:	13		
Drilling Contractor:	ADT		
Drilling Method:	H.S.A.		
Borehole Diameter:	6"		

RISER PIPE

Interval:	2.75 - Grade
Material:	SCH 40 PVC
Diameter:	2"
Joint Type:	THREAD

OUTER CASING

Interval:	
Steel Casing:	N/A
Diameter:	
Joint Type:	

SCREEN

Interval:	12.75 to 2.75
Material:	SCH 40 PVC
Diameter:	2"
Slot Size:	0.01

FILTER PACK

Interval:	13 - 2
Sand:	X
Gravel:	
Natural:	
Amount:	

SEAL

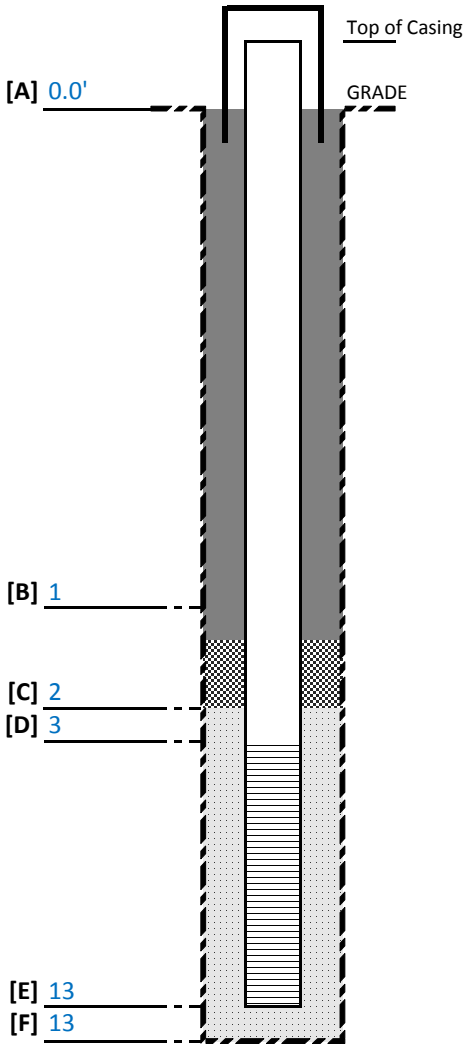
	(INTERVAL)		
Grout:	N/A	**QTY:**	
Concrete Mix:	0.75 - Grade	**QTY:**	
Bentonite Slurry:	N/A	**QTY:**	
Bentonite Pellets:	1.75 - 0.75	**QTY:**	
Other:	N/A	**QTY:**	

MONITORING WELL CONSTRUCTION LOG

WELL ID: SMW-C

Project:	Supplemental Site Investigation	**Project Number:**	10022128-257543-005
Client:	Consolidated Edison	**Location:**	No. 1st Street, Brooklyn NY
Date Drilled:	2/2/2017	**Date Developed:**	2/3/2017
Date Completed:	2/2/2017	**Development Method:**	Purge
Cover Type:	Flush Mount	**Key ID or Socket Size:**	N/A
Casing Elevation:	TO BE SURVEYED	**Coordinate System:**	
Grade Elevation:	TO BE SURVEYED	**X:**	**Y:**

* NOT TO SCALE



KEY:

A - Grade
B - Top of Seal
C - Top of Sand Pack
D - Top of Screen
E - Bottom of Screen
F - Bottom of Borehole

GENERAL WELL INFO

Static Water Level:	3.68	**Date:**	2/3/2017
Measuring Point:	TOC		
Total Well Depth:	13.05		
Total Boring Depth:	18		
Drilling Contractor:	ADT		
Drilling Method:	H.S.A.		
Borehole Diameter:	6"		

RISER PIPE

Interval:	
Material:	SCH 40 PVC
Diameter:	2"
Joint Type:	THREAD

OUTER CASING

Interval:	
Steel Casing:	N/A
Diameter:	
Joint Type:	

SCREEN

Interval:	13 - 3
Material:	SCH 40 PVC
Diameter:	2"
Slot Size:	0.01

FILTER PACK

Interval:	13 - 2
Sand:	X
Gravel:	N/A
Natural:	N/A
Amount:	N/A

SEAL

	(INTERVAL)		
Grout:	N/A	**QTY:**	
Concrete Mix:	1 - Grade	**QTY:**	
Bentonite Slurry:	N/A	**QTY:**	
Bentonite Pellets:	2 - 1	**QTY:**	
Other:	N/A	**QTY:**	

MONITORING WELL COMPLETION LOG

PROJECT NUMBER: 147_257543

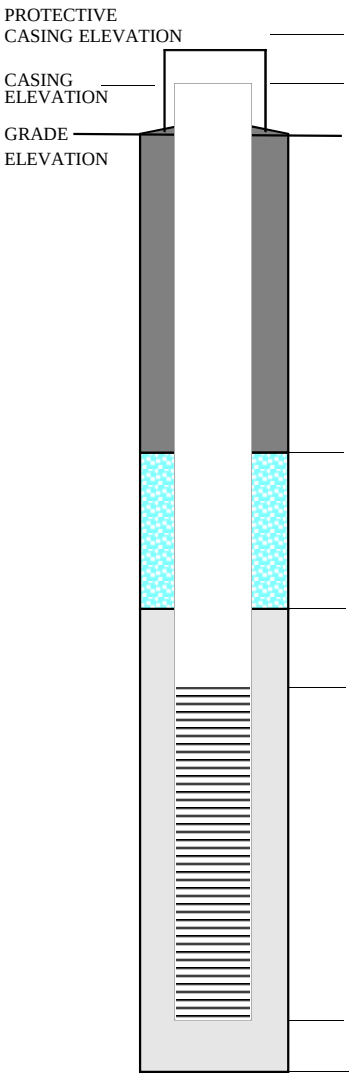
PROJECT NAME: Con Edison - North First Street - Parcel II Investigation

WELL ID:: PZ A-06

CLIENT: Con Edison

DATE DRILLED:	DATE DEVELOPED:	WELL CONSTRUCTION COMPLETED:
8/3/2015	8/5/2015	8/3/2015

DEVELOPING METHOD: Purge



NOT TO SCALE

INSPECTOR: Brian Montroy

DRILLING CONTRACTOR: ADT

TYPE OF WELL: Stick Up

STATIC WATER LEVEL: 5.96 DATE:

MEASURING POINT: TOC

TOTAL DEPTH OF WELL: 12'

TOTAL DEPTH OF BORING: 15'

DRILLING METHOD

TYPE: Direct Push Geoprobe

DIAMETER:

CASING:

SAMPLING METHOD

TYPE:

DIAMETER:

WEIGHT:

FALL:

INTERVAL:

RISER PIPE LEFT IN PLACE

MATERIAL:

DIAMETER:

LENGTH: 4'

JOINT TYPE:

SCREEN

MATERIAL: PVC

INTERVAL: 2'-12'

DIAMETER: 1"

STRATIGRAPHIC UNITS SCREENED:

SLOT SIZE: 0.01"

FILTER PACK

GRADE: Well

SAND: Yes

GRAVEL:

NATURAL:

AMOUNT:

INTERVAL:

SEAL(s)

Portland Cement	INTERVAL:	AMOUNT:
Bentonite Slurry	INTERVAL:	AMOUNT:
Bentonite Pellets	INTERVAL:	AMOUNT:
Other:	INTERVAL:	AMOUNT:

NOTES:

LOCKING CASING: ☐ YES ☐ NO KEY NO:

MONITORING WELL COMPLETION LOG

PROJECT NUMBER: 147_257543

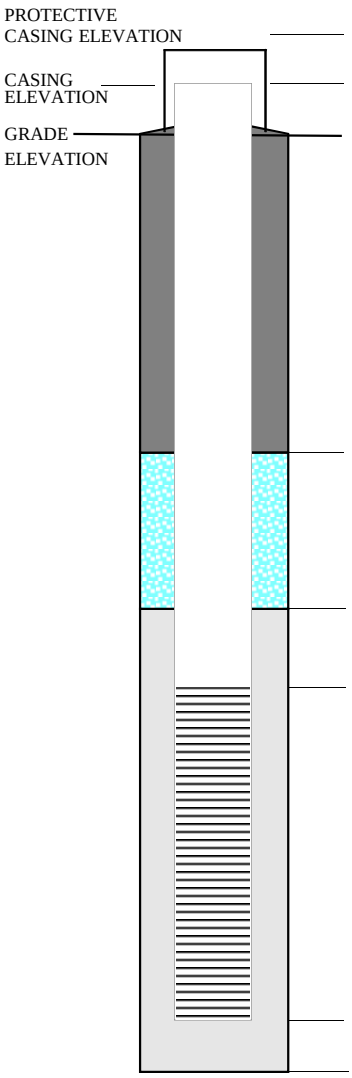
PROJECT NAME: Con Edison - North First Street - Parcel II Investigation

WELL ID:: PZ A-09

CLIENT: Con Edison

DATE DRILLED:	DATE DEVELOPED:	WELL CONSTRUCTION COMPLETED:
8/3/2015	8/5/2015	8/3/2015

DEVELOPING METHOD: Purge



NOT TO SCALE

INSPECTOR: Brian Montroy

DRILLING CONTRACTOR: ADT

TYPE OF WELL: Stick Up

STATIC WATER LEVEL: 4.66 DATE:

MEASURING POINT: TOC

TOTAL DEPTH OF WELL: 12'

TOTAL DEPTH OF BORING: 15'

DRILLING METHOD

TYPE: Direct Push Geoprobe

DIAMETER:

CASING:

SAMPLING METHOD

TYPE:

DIAMETER:

WEIGHT:

FALL:

INTERVAL:

RISER PIPE LEFT IN PLACE

MATERIAL:

DIAMETER:

LENGTH: 3'

JOINT TYPE:

SCREEN

MATERIAL: PVC

INTERVAL: 2'-12'

DIAMETER: 1"

STRATIGRAPHIC UNITS SCREENED:

SLOT SIZE: 0.01"

FILTER PACK

GRADE: Well

SAND: Yes

GRAVEL:

NATURAL:

AMOUNT:

INTERVAL:

SEAL(s)

NOTES:

Portland Cement	INTERVAL:	AMOUNT:
Bentonite Slurry	INTERVAL:	AMOUNT:
Bentonite Pellets	INTERVAL:	AMOUNT:
Other:	INTERVAL:	AMOUNT:

LOCKING CASING: ☐ YES ☐ NO KEY NO:

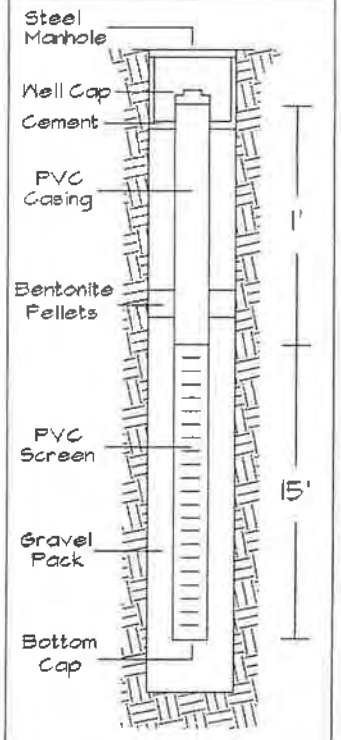
MILLER ENVIRONMENTAL GROUP, INC.
460 Edwards Avenue Calverton, New York 11933

Boring/Well No. MW-4 Page 1 of 1
Location NORTH FIRST STREET
Client CONSOLIDATED EDISON OF NY Date 9/2/92
Drilling Method HOLLOW STEM AUGER Driller K. KLAUS
Type of Sampling AUGER CUTTINGS Depth to Water ~4
Type of Casing PVC SCH 40 Diameter 4" Length 1'
Screen Type PVC 0.020" Diameter 4" Length 15'
Gravel Type MORIE #2 Seal BENTONITE PELLETS Backfill CLEAN SAND

Sample Depth	OVM ppm	Blows per 6"
4.0'	0	CUTTINGS

Soil Description	
0 - 0.5'	ASPHALT
0.5' - 1.0'	COBBLE STONES
1.0' - 1.5'	CONCRETE
1.5' - 4.0'	Fine, Silty, Black ASH/CINDERS, Wet at ~4'
4.0' - 20.0'	Soupy, Saturated, Black Material

Well Construction



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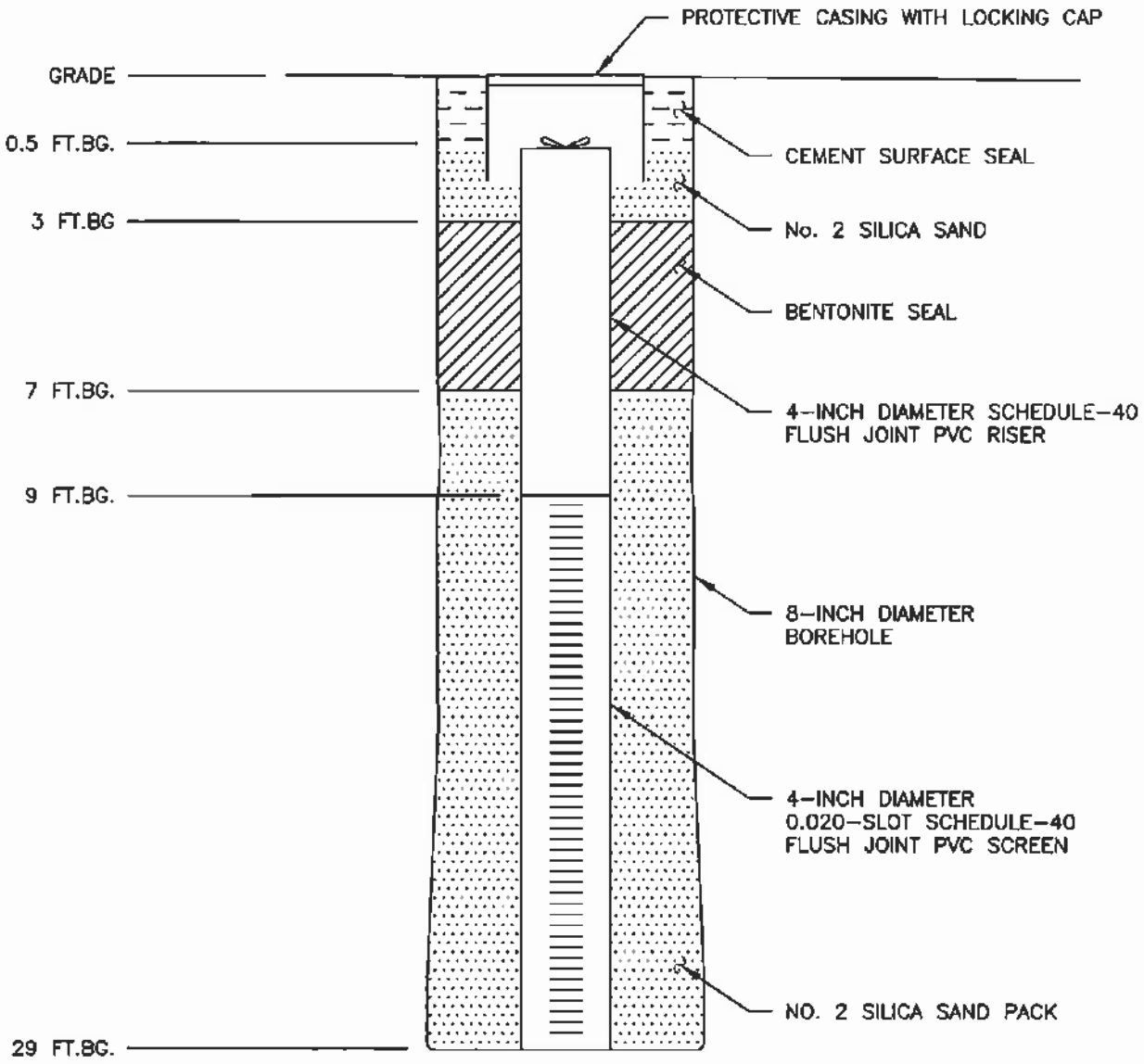


NOTE:
TOP OF CASING ELEVATION = 11.57'

NOT TO SCALE

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

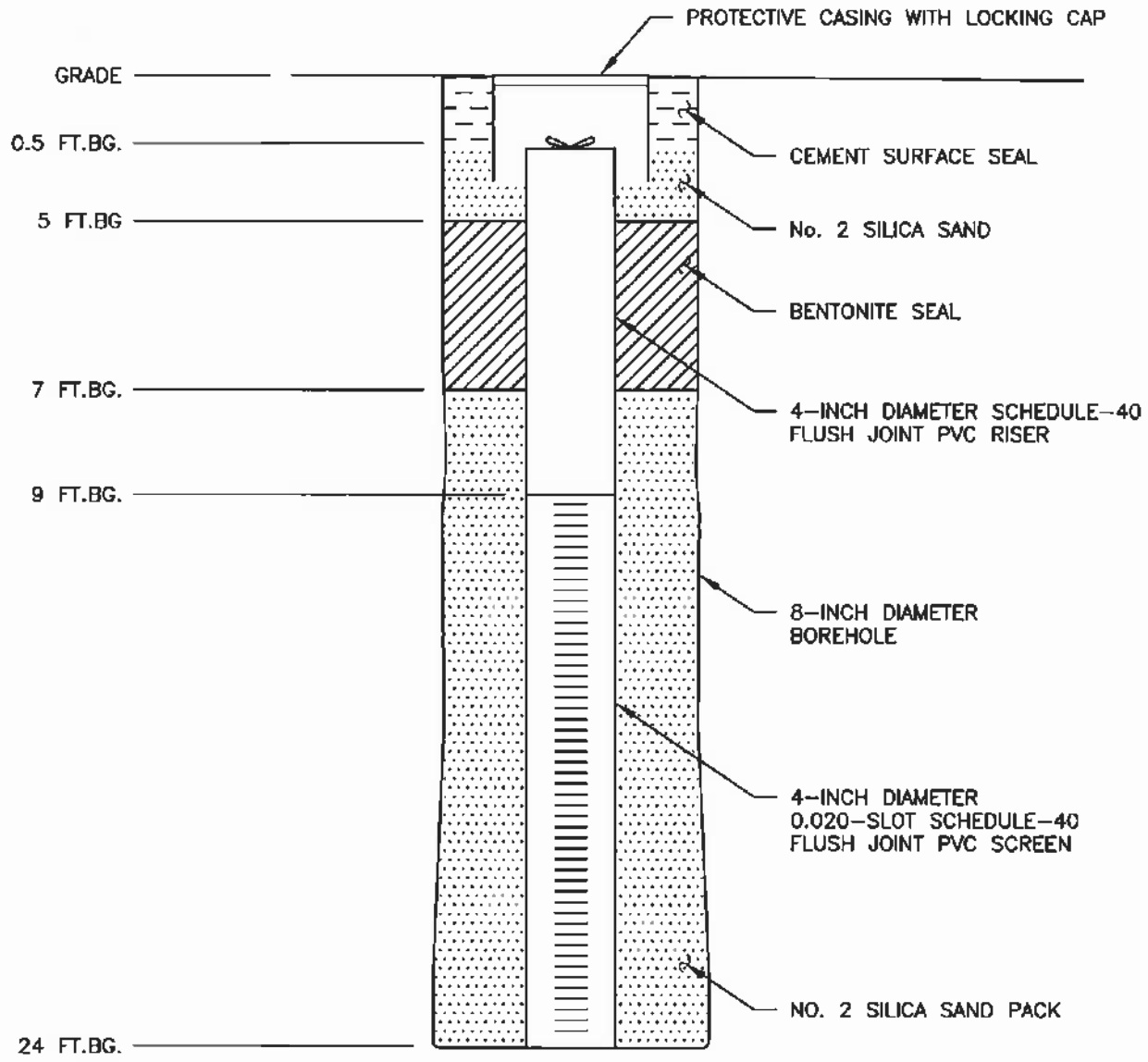
WELL CONSTRUCTION DIAGRAM OF MW-10

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	03/04/04	FIGURE:	-



NOTE:
TOP OF CASING ELEVATION = 12.38'

NOT TO SCALE

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

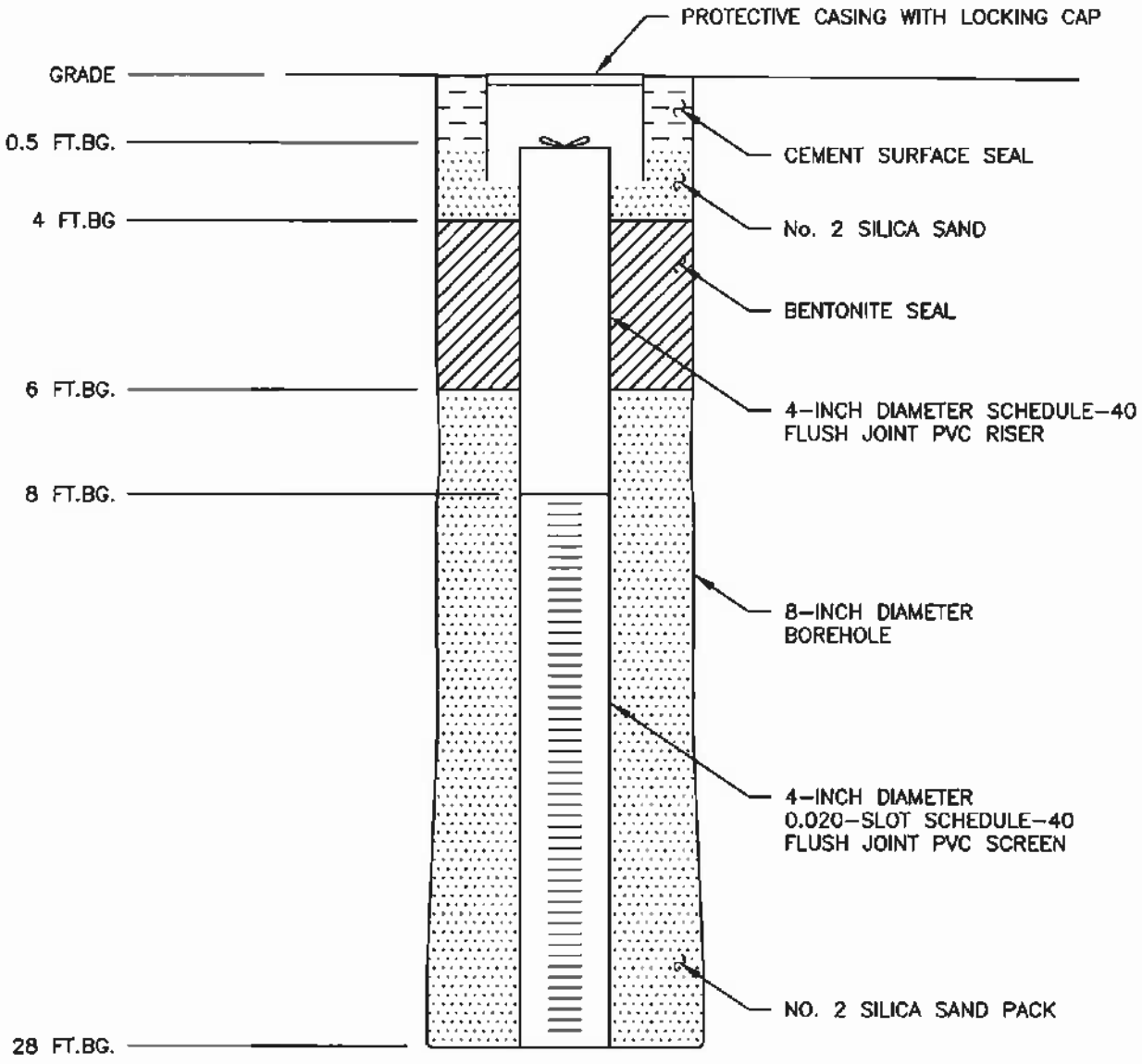
WELL CONSTRUCTION DIAGRAM OF MW-12

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	03/04/04	FIGURE:	-



NOTE:
TOP OF CASING ELEVATION = 13.48'

NOT TO SCALE

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF MW-14

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	03/04/04	FIGURE:	-

APPENDIX E
GROUNDWATER SAMPLING LOGS

Well Sampling Log

Well ID No.: MW-4

Well Casing Type: PVC
Well Depth:** 26.4
Screened Interval: 10-30
Well Elevation:**
Well Diameter (in.) 4"
Well Condition: Good
Weather Conditions: 36, calm, cloudy

Start SWL: 12.44
Water Column Ht.: 17.56
Well Volume (gallons):
SWL During Sampling: 12.61
Sample Time: 0955
Sample Method: Low Flow/Peri Pump
Sample Analyses: VOCs, SVOCs

Project: 10053818
Date: 2/15/2017
Crew: MTP/MVP
Pump Intake (ft) 21
Meters Used: Horiba U-52, MultiRAE
PID Head Space (ppm): 0%LEL,0 Voc, 20.4 O_2, 0.0H_2S, 0 CO
Sample ID: MW-4

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
0905	0	0.2	12	2.2	7	1.3	6.4	1.4	1.1	82	12.5	0900 began purging, first reading taken at 0905
0910	1	0.14	12.4	2.2	16	0.8	6.4	1.4	1.1	65	12.6	Flow rate reduced
0915	1.7	0.14	12.4	2.2	17	0.7	6.4	1.4	1.1	52	12.62	
0920	2.4	0.14	12.4	2.2	17	0.6	6.4	1.4	1.1	48	12.59	
0925	3.1	0.14	12.7	2.2	17	0.6	6.4	1.4	1.1	40	12.61	
0930	3.8	0.14	12.8	2.2	17	0.5	6.4	1.4	1.1	36	12.63	
0935	4.5	0.14	12.8	2.2	18	0.5	6.4	1.4	1.1	34	12.61	
0940	5.2	0.14	12.6	2.2	17	0.5	6.4	1.4	1.1	28	12.59	
0945	5.9	0.14	12.4	2.2	18	0.5	6.4	1.4	1.1	27	12.6	
0950	6.6	0.14	12.5	2.2	17	0.5	6.4	1.4	1.1	26	12.61	Stable, began sampling
	7.3											

Comments:

Notes: * - Measurement taken from top of well casing

Well Sampling Log

Well ID No.: MW-10

Well Casing Type: PVC
Well Depth:** 29
Screened Interval: 9-29
Well Elevation:**
Well Diameter (in.) 4"
Well Condition: good
Weather Conditions: 39, overcast, calm

Start SWL: 11.35
Water Column Ht.: 17.65
Well Volume (gallons): 11.52
SWL During Sampling: 11.56
Sample Time: 1455
Sample Method: Low Flow/Peri Pump
Sample Analyses: VOCs, SVOCs

Project: 10053818
Date: 2/14/2017
Crew: MTP/MVP
Pump Intake (ft) 19
Meters Used: Horiba U-52, MultiRAE
PID Head Space (ppm): 0%LEL,81.6 Voc, 20.6 O_2, 0.0H_2S, 3 CO
Sample ID: MW-10

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
1425	0	0.4	11.8	1.2	100	1.9	7.4	0.77	0.6	7	11.51	
1430	2	0.25	12.5	1.2	104	1.6	6.9	0.78	0.6	1	11.54	
1435	3.25	0.25	12.3	1.2	110	1.4	6.8	0.78	0.6	0	11.54	
1440	4.5	0.25	12.5	1.2	113	1.3	6.8	0.78	0.6	0	11.54	
1445	5.75	0.25	12.5	1.2	115	1.2	6.8	0.78	0.6	0	11.54	
1450	7	0.25	12.3	1.2	117	1.2	6.8	0.78	0.6	0	11.56	
1455	8.25	0.25	12.6	1.2	119	1.1	6.8	0.78	0.6	0	11.56	Sampling at 1455
	9.5											

Comments:

Notes: * - Measurement taken from top of well casing

Well Sampling Log

Well ID No.: MW-12

Well Casing Type: PVC
Well Depth:** 24
Screened Interval: 9-24
Well Elevation:**
Well Diameter (in.) 4"
Well Condition: Good
Weather Conditions: 36, calm, cloudy

Start SWL: 10.92
Water Column Ht.: 13.08
Well Volume (gallons):
SWL During Sampling: 11.95
Sample Time: 0835
Sample Method: Low Flow/Peri Pump
Sample Analyses: VOCs, SVOCs

Project: 10053818
Date: 2/15/2017
Crew: MTP/MVP
Pump Intake (ft) 17.5
Meters Used: Horiba U-52, MultiRAE
PID Head Space (ppm): 0%LEL,119.3 Voc, 16.8 O_2, 0.0H_2S, 0 CO
Sample ID: MW-12

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C^o)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
0745	0	0.152	11.5	3.1	83	2.1	5.7	2	1.6	7	10.96	0742 began purging, took first reading at 0745
0750	0.76	0.15	11.6	3.1	-117	1	6.4	2	1.6	5	10.96	Has a petrol odor.
0755	1.51	0.15	11.8	3.1	-123	0.9	6.4	2	1.6	5	10.96	
0800	2.26	0.15	11.8	3.1	-125	0.8	6.4	2	1.6	4	10.96	
0805	3.01	0.15	11.8	3.2	-125	0.8	6.5	2	1.6	4	11.12	
0810	3.76	0.13	11.6	3.2	-123	0.8	6.4	2	1.6	3	11.23	
0815	4.41	0.13	11.4	3.2	-121	0.9	6.8	2	1.7	4	11.35	
0820	5.06	0.12	11.3	3.2	-117	0.9	6.5	2.1	1.7	3	11.72	
0825	5.66	0.1	11.1	3.2	-115	0.9	6.5	2.1	1.7	4	11.82	
0830	6.16	0.1	11	3.2	-116	0.9	6.5	2.1	1.7	4	11.95	Stable, Sampling
	6.66											

Comments:

Notes: * - Measurement taken from top of well casing

Well Sampling Log

Well ID No.: MW-14

Well Casing Type: PVC
Well Depth:** 28
Screened Interval: 8-28
Well Elevation:**
Well Diameter (in.) 4"
Well Condition: Good
Weather Conditions: 36, calm, cloudy

Start SWL: 13.20
Water Column Ht.: 14.80
Well Volume (gallons):
SWL During Sampling: 13.25
Sample Time: 1055
Sample Method: Low Flow/Peri Pump
Sample Analyses: VOCs, SVOCs

Project: 10053818
Date: 2/15/2017
Crew: MTP/MVP
Pump Intake (ft) 20'
Meters Used: Horiba U-52, MultiRAE
PID Head Space (ppm): 0%LEL,0 Voc, 20.2 O_2, 0.0H_2S, 0 CO
Sample ID: MW-14

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
1020	0	0.21	11.9	2.8	112	3.4	6.6	1.8	1.4	4.8	13.25	Start purge at 1016
1025	1.05	0.21	12.3	2.8	120	3.2	6.6	1.8	1.5	2.8	13.25	
1030	2.1	0.21	12.1	2.8	128	3.7	6.6	1.8	1.5	2.6	13.25	
1035	3.15	0.21	12.2	2.8	130	3.3	6.6	1.8	1.5	1.7	13.25	
1040	4.2	0.21	12.3	2.8	134	3.3	6.6	1.8	1.5	1.4	13.25	
1045	5.25	0.21	12.4	2.8	139	3.2	6.6	1.8	1.5	1.8	13.25	
1050	6.3	0.21	12.4	2.8	140	3.2	6.6	1.8	1.5	1.8	13.25	Stable, Sampling
	7.35											
Comments:												

Notes: * - Measurement taken from top of well casing

Well Sampling Log

Well ID No.: SMW-A

Well Casing Type: PVC
Well Depth:** 12.75
Screened Interval: 2.75-12.75
Well Elevation:**
Well Diameter (in.) 2"
Well Condition: good
Weather Conditions: 39, overcast, calm

Start SWL: 4.45
Water Column Ht.: 8.30
Well Volume (gallons): 1.35
SWL During Sampling: 4.54
Sample Time: 12.15
Sample Method: Low Flow/Peri Pump
Sample Analyses: VOCs, SVOCs

Project: 10053818
Date: 2/14/2017
Crew: MTP/MVP
Pump Intake (ft) 9'
Meters Used: Horiba U-52, MultiRAE
PID Head Space (ppm): 30%LEL,8.9 Voc, 14.9O_2, 0.0H_2S, 46 CO
Sample ID: SMW-A

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C^o)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
1120	0.5	0.2	7.7	1.8	-122	1.7	6.9	1.1	0.9	1	4.54	pump started at 1118
1125	1	0.2	8.5	1.9	-133	8.5	7	1.2	0.9	0.3	4.54	
1130	2	0.2	8.6	1.9	-139	6.9	7	1.2	0.9	1.4	4.54	
1135	3	0.2	8.8	1.9	-141	6.6	7	1.2	0.9	0.1	4.54	
1140	4	0.2	8.9	1.9	-142	5.8	7	1.2	0.9	0	4.55	
1145	5	0.2	9	1.9	-145	5.3	7	1.2	0.9	0	4.54	
1150	6	0.2	9.1	1.9	-144	5	7	1.2	0.9	0	4.54	
1155	7	0.2	9.1	1.9	-144	4.5	7	1.2	0.9	0	4.54	
1200	8	0.2	9.2	1.9	-145	4.3	7	1.2	0.9	0	4.54	
1205	9	0.2	9.1	1.9	-146	3.6	7	1.2	0.9	0	4.54	
1210	10	0.2	9.2	1.9	-146	3.4	7	1.2	0.9	0	4.54	
1215	11	0.2	9.2	1.9	-146	3.3	7	1.2	0.9	0	4.54	
	12											

Comments Blind Duplicate BD-20170214 taken at this location at 1225.

Notes: * - Measurement taken from top of well casing

Well Sampling Log

Well ID No.: SMW-C

Well Casing Type: PVC
Well Depth:** 13.05
Screened Interval: 3.05-13.05
Well Elevation:**
Well Diameter (in.) 2"
Well Condition: good
Weather Conditions: 39, overcast, calm

Start SWL: 3.54
Water Column Ht.: 9.51
Well Volume (gallons): 1.55
SWL During Sampling: 9.75
Sample Time: 0925
Sample Method: Low Flow/Peri Pump
Sample Analyses: VOCs, SVOCs

Project: 10053818
Date: 2/14/2017
Crew: MTP/MVP
Pump Intake (ft) 9'
Meters Used: Horiba U-52, MultiRAE
PID Head Space (ppm): 100%LEL,18.7 Voc, 13.2 O_2, 1.1H_2S, 152 CO
Sample ID: SMW-C

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C^o)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
0842	0	0.25	8.71	2.16	-79	0.47	6.41	1.38	1.1	22.9	3.59	
0847	1.25	0.25	8.99	2.15	-114	0	6.84	1.38	1.1	20.1	3.53	
0852	2.5	0.25	7.38	2.39	-107	2.3	6.93	1.53	1.2	1.9	3.68	
8057	3.75	0.2	7.42	2.39	-110	2.18	6.99	1.53	1.2	2.11	3.67	
0902	4.75	0.2	7.56	2.38	-116	2.04	7.06	1.53	1.2	0.1	3.6	
0907	5.75	0.2	7.6	2.4	-116	2	7.1	1.5	1.2	6.2	3.69	pump shut down dead battery
0912	6.75	0.2	7.9	2.4	-117	1.7	7.1	1.5	1.2	3	3.72	
0917	7.75	0.25	7.6	2.4	-115	1.7	7.1	1.5	1.2	2	3.71	
0922	9	0.25	7.4	2.4	-112	1.6	7.1	1.5	1.2	1	3.75	sampling
	10.25											

Comments Strong solvent-like odor.

Notes: * - Measurement taken from top of well casing

Well Sampling Log

Well ID No.: PZA-06

Well Casing Type: PVC
Well Depth:** 12
Screened Interval: 2-12
Well Elevation:**
Well Diameter (in.) 1"
Well Condition: good
Weather Conditions: 39, overcast, calm

Start SWL: 6.24
Water Column Ht.: 5.76
Well Volume (gallons): 0.233
SWL During Sampling: -
Sample Time: 1110
Sample Method: Low Flow/Peri Pump
Sample Analyses: VOCs, SVOCs

Project: 10053818
Date: 2/14/2017
Crew: MTP/MVP
Pump Intake (ft) 9'
Meters Used: Horiba U-52, MultiRAE
PID Head Space (ppm): 4%LEL,8.3 Voc, 18.8 O_2, 0.0H_2S, 2 CO
Sample ID: PZA-06

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
0950	0	0.25	6.2	0.72	-94	6.6	7.3	0.45	0.3	36	-	1" pz does not accommodate tubing and swl
0955	1.25	0.25	7.1	0.55	-32	3.3	7.4	0.35	0.3	10	-	dtw will not be recorded.
1000	2.5	0.25	7.4	0.52	-28	2.5	7.4	0.33	0.2	1	-	
1005	3.75	0.3	7.6	0.51	-36	2	7.4	0.32	0.2	0	-	
1010	5.25	0.3	7.7	0.51	-45	1.7	7.3	0.33	0.2	0	-	
1015	6.75	0.3	7.8	0.53	-51	1.7	7.3	0.35	0.2	0	-	
1020	8.25	0.3	7.8	0.55	-54	1.7	7.3	0.35	0.3	0	-	
1025	9.75	0.3	7.8	0.56	-58	1.5	7.3	0.36	0.3	0	-	
1030	11.25	0.3	7.9	0.59	-60	1.4	7.3	0.38	0.3	0	-	
1035	12.75	0.25	8	0.61	-58	1.3	7.3	0.39	0.3	0	-	
1040	14	0.35	8	0.64	-57	1.3	7.3	0.41	0.3	0		
1045	15.75	0.35	7.9	0.66	-57	1.26	7.3	0.42	0.3	0		
1050	17.5	0.35	8	0.68	-57	1.2	7.2	0.43	0.3	0		
1055	19.25	0.25	7.8	0.69	-56	1.3	7.2	0.44	0.3	0		
1100	20.5	0.3	7.8	0.71	-54	1.3	7.2	0.45	0.3	0		
1105	22	0.25	7.7	0.71	-51	1.4	7.2	0.45	0.3	0		Stable, Sampleing
	23.25											

Comments Equipment blank EB-20120214 taken at this locatation at 0935.

Notes: * - Measurement taken from top of well casing

Well Sampling Log

Well ID No.: PZA-09

Well Casing Type: PVC
Well Depth:** 12
Screened Interval: 2-12
Well Elevation:**
Well Diameter (in.) 1"
Well Condition: good
Weather Conditions: 39, overcast, calm

Start SWL: 4.59
Water Column Ht.: 7.41
Well Volume (gallons): 0.3
SWL During Sampling: -
Sample Time: 1335
Sample Method: Low Flow/Peri Pump
Sample Analyses: VOCs, SVOCs

Project: 10053818
Date: 2/14/2017
Crew: MTP/MVP
Pump Intake (ft) 8.5'
Meters Used: Horiba U-52, MultiRAE
PID Head Space (ppm): 0%LEL,0.0 Voc, 19.2 O_2, 0.0 H_2S, 0 CO
Sample ID: PZA-09

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C^o)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
1240	0	0.3	6.5	0.65	-220	2.7	9.4	0.41	0.3	227		1239 got water, began readings at 1240
1245	1.5	0.3	8.1	0.61	-198	1.8	9.8	0.39	0.3	465		no swl during purging because of well diameter.
1250	3	0.3	9.5	0.62	-160	2.3	10	0.4	0.3	69		
1255	4.5	0.3	9.6	0.65	-132	1.9	10	0.41	0.3	19		
1300	6	0.3	9.6	0.67	-111	1.8	10	0.43	0.3	13		
1305	7.5	0.3	9.7	0.71	-91	2.1	10	0.45	0.3	6		
1310	9	0.3	9.7	0.74	-85	1.8	9.9	0.47	0.3	1		
1315	10.5	0.3	9.7	0.76	-75	1.7	9.9	0.49	0.4	0		
1320	12	0.3	9.6	0.81	-63	1.6	9.9	0.51	0.4	0		
1325	13.5	0.25	9.3	0.82	-58	1.6	9.9	0.53	0.4	0		
1330	14.75	0.25	9.1	0.83	-56	1.7	9.9	0.53	0.4	0		Stabilized, Sampling
	16											

Comments:

Notes: * - Measurement taken from top of well casing

APPENDIX F
SOIL SAMPLE ANALYTICAL REPORT

Hampton-Clarke Report Of Analysis

Client: HDR **HC Project #:** 7020318

Project: ConEdison North

Sample ID: TB-20170202 **Collection Date: 2/2/2017**
Lab#: AC96047-001 **Receipt Date: 2/3/2017**
Matrix: Aqueous

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.91	30	79	111	93	
Dibromofluoromethane	36.73	30	73	131	122	
Bromofluorobenzene	29.35	30	82	112	98	
1,2-Dichloroethane-d4	31.61	30	78	128	105	

Sample ID: TB-20170202
Lab#: AC96047-001
Matrix: Aqueous

Collection Date: 2/2/2017
Receipt Date: 2/3/2017

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: SB-C(10-11) | **Collection Date: 2/2/2017**
Lab#: AC96047-002 | **Receipt Date: 2/3/2017**
Matrix: Soil/Encore

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	**1**	**percent**		**88**

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.038	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.038	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.038	ND
2,4,5-Trichlorophenol	1	mg/kg	0.038	ND
2,4,6-Trichlorophenol	1	mg/kg	0.038	ND
2,4-Dichlorophenol	1	mg/kg	0.0095	ND
2,4-Dimethylphenol	**1**	**mg/kg**	**0.0095**	**0.29**
2,4-Dinitrophenol	1	mg/kg	0.19	ND
2,4-Dinitrotoluene	1	mg/kg	0.038	ND
2,6-Dinitrotoluene	1	mg/kg	0.038	ND
2-Chloronaphthalene	1	mg/kg	0.038	ND
2-Chlorophenol	1	mg/kg	0.038	ND
2-Methylnaphthalene	1	mg/kg	0.038	ND
2-Methylphenol	1	mg/kg	0.0095	ND
2-Nitroaniline	1	mg/kg	0.038	ND
2-Nitrophenol	1	mg/kg	0.038	ND
3&4-Methylphenol	**1**	**mg/kg**	**0.0095**	**0.015**
3,3'-Dichlorobenzidine	1	mg/kg	0.038	ND
3-Nitroaniline	1	mg/kg	0.038	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.19	ND
4-Bromophenyl-phenylether	1	mg/kg	0.0095	ND
4-Chloro-3-methylphenol	1	mg/kg	0.038	ND
4-Chloroaniline	1	mg/kg	0.0095	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.038	ND
4-Nitroaniline	1	mg/kg	0.038	ND
4-Nitrophenol	1	mg/kg	0.038	ND
Acenaphthene	1	mg/kg	0.038	ND
Acenaphthylene	1	mg/kg	0.038	ND
Acetophenone	1	mg/kg	0.038	ND
Anthracene	1	mg/kg	0.038	ND
Atrazine	1	mg/kg	0.038	ND
Benzaldehyde	1	mg/kg	0.038	ND
Benzo[a]anthracene	1	mg/kg	0.038	ND
Benzo[a]pyrene	1	mg/kg	0.038	ND
Benzo[b]fluoranthene	1	mg/kg	0.038	ND
Benzo[g,h,i]perylene	1	mg/kg	0.038	ND
Benzo[k]fluoranthene	1	mg/kg	0.038	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.038	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.0095	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.038	ND
bis(2-Ethylhexyl)phthalate	**1**	**mg/kg**	**0.038**	**0.097**
Butylbenzylphthalate	1	mg/kg	0.038	ND
Caprolactam	1	mg/kg	0.038	ND
Carbazole	1	mg/kg	0.038	ND
Chrysene	1	mg/kg	0.038	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.038	ND
Dibenzofuran	1	mg/kg	0.0095	ND
Diethylphthalate	1	mg/kg	0.038	ND
Dimethylphthalate	1	mg/kg	0.038	ND
Di-n-butylphthalate	1	mg/kg	0.0095	ND
Di-n-octylphthalate	1	mg/kg	0.038	ND
Fluoranthene	**1**	**mg/kg**	**0.038**	**0.047**
Fluorene	1	mg/kg	0.038	ND
Hexachlorobenzene	1	mg/kg	0.038	ND
Hexachlorobutadiene	1	mg/kg	0.038	ND
Hexachlorocyclopentadiene	1	mg/kg	0.089	ND
Hexachloroethane	1	mg/kg	0.038	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.038	ND
Isophorone	1	mg/kg	0.038	ND
Naphthalene	1	mg/kg	0.0095	ND
Nitrobenzene	1	mg/kg	0.038	ND

N-Nitroso-di-n-propylamine	1	mg/kg	0.0095	ND	
N-Nitrosodiphenylamine	1	mg/kg	0.038	ND	
Pentachlorophenol	1	mg/kg	0.19	ND	
Phenanthrene	**1**	**mg/kg**	**0.038**	**0.089**	
Phenol	1	mg/kg	0.038	ND	
Pyrene	**1**	**mg/kg**	**0.038**	**0.065**	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	41.28	50	58	148	83	
Phenol-d5	72.77	100	49	129	73	
Nitrobenzene-d5	38.72	50	52	129	77	
2-Fluorophenol	74.34	100	43	128	74	
2-Fluorobiphenyl	36.69	50	58	125	73	
2,4,6-Tribromophenol	71.55	100	54	145	72	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
Hexadecane, 2,6,10,14-tetramethyl-	**1**	**mg/kg**	**10.91**	**0.12J**
Phenanthrene, 2,7-dimethyl-	**1**	**mg/kg**	**10.97**	**0.23J**
Pentacosane	**1**	**mg/kg**	**11.04**	**0.14J**
10-Methoxybenz[a]azulen-1,4-dione	**1**	**mg/kg**	**11.21**	**0.18J**
unknown	**1**	**mg/kg**	**13.42**	**0.13J**
15-Chloroxeniaphylla-4,8(19)-dien-14-ol	**1**	**mg/kg**	**14.28**	**0.44J**
Eicosane	**1**	**mg/kg**	**14.99**	**0.14J**
1,2-Propanediol	**1**	**mg/kg**	**3.08**	**0.78JB**
unknown	**1**	**mg/kg**	**4.08**	**1.6JB**
2-Pentanone, 4-hydroxy-4-methyl-	**1**	**mg/kg**	**4.41**	**57JAB**
Benzene, ethyl-	**1**	**mg/kg**	**4.58**	**0.17J**
Benzene, 1,2-dimethyl-	**1**	**mg/kg**	**4.9**	**0.14J**
unknown	**1**	**mg/kg**	**5.07**	**0.38JB**
Naphthalene, 1,8-dimethyl-	**1**	**mg/kg**	**7.94**	**0.12J**
Naphthalene, 1,4-dimethyl-	**1**	**mg/kg**	**8.01**	**0.15J**
Hexane, 3,3-dimethyl-	**1**	**mg/kg**	**8.05**	**0.17J**
Dodecane	**1**	**mg/kg**	**8.7**	**0.15J**
Undecane, 4,6-dimethyl-	**1**	**mg/kg**	**8.92**	**0.21J**
Pentadecane, 2,6,10,14-tetramethyl-	**1**	**mg/kg**	**9.18**	**0.38J**
Tridecane	**1**	**mg/kg**	**9.68**	**0.26J**
TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**63J**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	828	mg/kg	0.94	ND
1,1,2,2-Tetrachloroethane	828	mg/kg	0.94	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	828	mg/kg	0.94	ND
1,1,2-Trichloroethane	828	mg/kg	0.94	ND
1,1-Dichloroethane	828	mg/kg	0.94	ND
1,1-Dichloroethene	828	mg/kg	0.94	ND
1,2,3-Trichlorobenzene	828	mg/kg	0.94	ND
1,2,4-Trichlorobenzene	828	mg/kg	0.94	ND
1,2-Dibromo-3-chloropropane	828	mg/kg	0.94	ND
1,2-Dibromoethane	828	mg/kg	0.94	ND
1,2-Dichlorobenzene	828	mg/kg	0.94	ND
1,2-Dichloroethane	828	mg/kg	0.47	ND
1,2-Dichloropropane	828	mg/kg	0.94	ND
1,3-Dichlorobenzene	828	mg/kg	0.94	ND
1,4-Dichlorobenzene	828	mg/kg	0.94	ND
1,4-Dioxane	828	mg/kg	47	ND
2-Butanone	828	mg/kg	0.94	ND
2-Hexanone	828	mg/kg	0.94	ND
4-Methyl-2-pentanone	828	mg/kg	0.94	ND
Acetone	828	mg/kg	4.7	ND
Benzene	828	mg/kg	0.47	ND
Bromochloromethane	828	mg/kg	0.94	ND
Bromodichloromethane	828	mg/kg	0.94	ND
Bromoform	828	mg/kg	0.94	ND
Bromomethane	828	mg/kg	0.94	ND
Carbon disulfide	828	mg/kg	0.94	ND
Carbon tetrachloride	828	mg/kg	0.94	ND
Chlorobenzene	828	mg/kg	0.94	ND

Sample ID: SB-C(10-11) **Collection Date: 2/2/2017**
Lab#: AC96047-002 **Receipt Date: 2/3/2017**
Matrix: Soil/Encore

Chloroethane	828	mg/kg	0.94		ND
Chloroform	828	mg/kg	0.94		ND
Chloromethane	828	mg/kg	0.94		ND
cis-1,2-Dichloroethene	828	mg/kg	0.94		ND
cis-1,3-Dichloropropene	828	mg/kg	0.94		ND
Cyclohexane	828	mg/kg	0.94		ND
Dibromochloromethane	828	mg/kg	0.94		ND
Dichlorodifluoromethane	828	mg/kg	0.94		ND
Ethylbenzene	**828**	**mg/kg**	**0.94**		**34**
Isopropylbenzene	**828**	**mg/kg**	**0.94**		**1.4**
m&p-Xylenes	**828**	**mg/kg**	**0.94**		**160**
Methyl Acetate	828	mg/kg	0.94		ND
Methylcyclohexane	828	mg/kg	0.94		ND
Methylene chloride	828	mg/kg	0.94		ND
Methyl-t-butyl ether	828	mg/kg	0.47		ND
o-Xylene	**828**	**mg/kg**	**0.94**		**23**
Styrene	828	mg/kg	0.94		ND
Tetrachloroethene	828	mg/kg	0.94		ND
Toluene	**828**	**mg/kg**	**0.94**		**3.6**
trans-1,2-Dichloroethene	828	mg/kg	0.94		ND
trans-1,3-Dichloropropene	828	mg/kg	0.94		ND
Trichloroethene	828	mg/kg	0.94		ND
Trichlorofluoromethane	828	mg/kg	0.94		ND
Vinyl chloride	828	mg/kg	0.94		ND
Xylenes (Total)	**828**	**mg/kg**	**0.94**		**180**

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	28.13	30	68	122	94	
Dibromofluoromethane	30.49	30	63	140	102	
Bromofluorobenzene	28.20	30	64	129	94	
1,2-Dichloroethane-d4	30.79	30	63	143	103	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	828	mg/kg	NA	ND
TotalVolatileTic	828	mg/kg	NA	ND

Sample ID: SB-C(5-6) | **Collection Date:** 2/2/2017
Lab#: AC96047-003 | **Receipt Date:** 2/3/2017
Matrix: Soil/Encore

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	**1**	**percent**		**88**

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.038	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.038	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.038	ND
2,4,5-Trichlorophenol	1	mg/kg	0.038	ND
2,4,6-Trichlorophenol	1	mg/kg	0.038	ND
2,4-Dichlorophenol	1	mg/kg	0.0095	ND
2,4-Dimethylphenol	**1**	**mg/kg**	**0.0095**	**0.086**
2,4-Dinitrophenol	1	mg/kg	0.19	ND
2,4-Dinitrotoluene	1	mg/kg	0.038	ND
2,6-Dinitrotoluene	1	mg/kg	0.038	ND
2-Chloronaphthalene	1	mg/kg	0.038	ND
2-Chlorophenol	1	mg/kg	0.038	ND
2-Methylnaphthalene	1	mg/kg	0.038	ND
2-Methylphenol	1	mg/kg	0.0095	ND
2-Nitroaniline	1	mg/kg	0.038	ND
2-Nitrophenol	1	mg/kg	0.038	ND
3&4-Methylphenol	1	mg/kg	0.0095	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.038	ND
3-Nitroaniline	1	mg/kg	0.038	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.19	ND
4-Bromophenyl-phenylether	1	mg/kg	0.0095	ND
4-Chloro-3-methylphenol	1	mg/kg	0.038	ND
4-Chloroaniline	1	mg/kg	0.0095	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.038	ND
4-Nitroaniline	1	mg/kg	0.038	ND
4-Nitrophenol	1	mg/kg	0.038	ND
Acenaphthene	1	mg/kg	0.038	ND
Acenaphthylene	1	mg/kg	0.038	ND
Acetophenone	1	mg/kg	0.038	ND
Anthracene	1	mg/kg	0.038	ND
Atrazine	1	mg/kg	0.038	ND
Benzaldehyde	1	mg/kg	0.038	ND
Benzo[a]anthracene	**1**	**mg/kg**	**0.038**	**0.076**
Benzo[a]pyrene	**1**	**mg/kg**	**0.038**	**0.061**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.038**	**0.087**
Benzo[g,h,i]perylene	**1**	**mg/kg**	**0.038**	**0.045**
Benzo[k]fluoranthene	1	mg/kg	0.038	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.038	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.0095	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.038	ND
bis(2-Ethylhexyl)phthalate	**1**	**mg/kg**	**0.038**	**0.11**
Butylbenzylphthalate	1	mg/kg	0.038	ND
Caprolactam	1	mg/kg	0.038	ND
Carbazole	1	mg/kg	0.038	ND
Chrysene	**1**	**mg/kg**	**0.038**	**0.071**
Dibenzo[a,h]anthracene	1	mg/kg	0.038	ND
Dibenzofuran	**1**	**mg/kg**	**0.0095**	**0.010**
Diethylphthalate	1	mg/kg	0.038	ND
Dimethylphthalate	1	mg/kg	0.038	ND
Di-n-butylphthalate	1	mg/kg	0.0095	ND
Di-n-octylphthalate	1	mg/kg	0.038	ND
Fluoranthene	**1**	**mg/kg**	**0.038**	**0.14**
Fluorene	1	mg/kg	0.038	ND
Hexachlorobenzene	1	mg/kg	0.038	ND
Hexachlorobutadiene	1	mg/kg	0.038	ND
Hexachlorocyclopentadiene	1	mg/kg	0.089	ND
Hexachloroethane	1	mg/kg	0.038	ND
Indeno[1,2,3-cd]pyrene	**1**	**mg/kg**	**0.038**	**0.041**
Isophorone	1	mg/kg	0.038	ND
Naphthalene	1	mg/kg	0.0095	ND
Nitrobenzene	1	mg/kg	0.038	ND

Sample ID: SB-C(5-6) **Collection Date: 2/2/2017**
Lab#: AC96047-003 **Receipt Date: 2/3/2017**
Matrix: Soil/Encore

N-Nitroso-di-n-propylamine	1	mg/kg	0.0095	ND	
N-Nitrosodiphenylamine	1	mg/kg	0.038	ND	
Pentachlorophenol	1	mg/kg	0.19	ND	
Phenanthrene	**1**	**mg/kg**	**0.038**	**0.14**	
Phenol	1	mg/kg	0.038	ND	
Pyrene	**1**	**mg/kg**	**0.038**	**0.16**	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	40.84	50	58	148	82	
Phenol-d5	71.49	100	49	129	71	
Nitrobenzene-d5	38.64	50	52	129	77	
2-Fluorophenol	72.43	100	43	128	72	
2-Fluorobiphenyl	37.36	50	58	125	75	
2,4,6-Tribromophenol	65.88	100	54	145	66	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
unknown	**1**	**mg/kg**	**10.59**	**0.14J**
unknown	**1**	**mg/kg**	**10.76**	**0.14J**
1,7,7-Trimethyl-8-(1-methylethylidene)b	**1**	**mg/kg**	**10.85**	**0.099J**
Dodecane	**1**	**mg/kg**	**11.04**	**0.090J**
unknown	**1**	**mg/kg**	**11.21**	**0.16J**
Phenanthrene, 3,4,5,6-tetramethyl-	**1**	**mg/kg**	**11.76**	**0.19J**
Octacosane	**1**	**mg/kg**	**14.99**	**0.12J**
unknown	**1**	**mg/kg**	**15.16**	**0.14J**
1,2-Propanediol	**1**	**mg/kg**	**3.09**	**0.46JB**
unknown	**1**	**mg/kg**	**4.09**	**1.7JB**
2-Pentanone, 4-hydroxy-4-methyl-	**1**	**mg/kg**	**4.42**	**58JAB**
Benzene, ethyl-	**1**	**mg/kg**	**4.58**	**0.11J**
Benzene, 1,2-dimethyl-	**1**	**mg/kg**	**4.9**	**0.092J**
unknown	**1**	**mg/kg**	**5.07**	**0.39JB**
Benzene, 1,2,4-trimethyl-	**1**	**mg/kg**	**5.72**	**0.13J**
Naphthalene, 2,3-dimethyl-	**1**	**mg/kg**	**8.01**	**0.12J**
Undecane, 3,6-dimethyl-	**1**	**mg/kg**	**8.92**	**0.13J**
Pentadecane, 2,6,10,14-tetramethyl-	**1**	**mg/kg**	**9.18**	**0.29J**
Pentadecane	**1**	**mg/kg**	**9.64**	**0.094J**
Tridecane	**1**	**mg/kg**	**9.68**	**0.18J**
TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**63J**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	776	mg/kg	0.88	ND
1,1,2,2-Tetrachloroethane	776	mg/kg	0.88	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	776	mg/kg	0.88	ND
1,1,2-Trichloroethane	776	mg/kg	0.88	ND
1,1-Dichloroethane	776	mg/kg	0.88	ND
1,1-Dichloroethene	776	mg/kg	0.88	ND
1,2,3-Trichlorobenzene	776	mg/kg	0.88	ND
1,2,4-Trichlorobenzene	776	mg/kg	0.88	ND
1,2-Dibromo-3-chloropropane	776	mg/kg	0.88	ND
1,2-Dibromoethane	776	mg/kg	0.88	ND
1,2-Dichlorobenzene	776	mg/kg	0.88	ND
1,2-Dichloroethane	776	mg/kg	0.44	ND
1,2-Dichloropropane	776	mg/kg	0.88	ND
1,3-Dichlorobenzene	776	mg/kg	0.88	ND
1,4-Dichlorobenzene	776	mg/kg	0.88	ND
1,4-Dioxane	776	mg/kg	44	ND
2-Butanone	776	mg/kg	0.88	ND
2-Hexanone	776	mg/kg	0.88	ND
4-Methyl-2-pentanone	776	mg/kg	0.88	ND
Acetone	776	mg/kg	4.4	ND
Benzene	776	mg/kg	0.44	ND
Bromochloromethane	776	mg/kg	0.88	ND
Bromodichloromethane	776	mg/kg	0.88	ND
Bromoform	776	mg/kg	0.88	ND
Bromomethane	776	mg/kg	0.88	ND
Carbon disulfide	776	mg/kg	0.88	ND
Carbon tetrachloride	776	mg/kg	0.88	ND
Chlorobenzene	776	mg/kg	0.88	ND

Sample ID: SB-C(5-6) **Collection Date: 2/2/2017**
Lab#: AC96047-003 **Receipt Date: 2/3/2017**
Matrix: Soil/Encore

Chloroethane	776	mg/kg	0.88		ND
Chloroform	776	mg/kg	0.88		ND
Chloromethane	776	mg/kg	0.88		ND
cis-1,2-Dichloroethene	776	mg/kg	0.88		ND
cis-1,3-Dichloropropene	776	mg/kg	0.88		ND
Cyclohexane	776	mg/kg	0.88		ND
Dibromochloromethane	776	mg/kg	0.88		ND
Dichlorodifluoromethane	776	mg/kg	0.88		ND
Ethylbenzene	**776**	**mg/kg**	**0.88**		**170**
Isopropylbenzene	**776**	**mg/kg**	**0.88**		**14**
m&p-Xylenes	**776**	**mg/kg**	**0.88**		**660**
Methyl Acetate	776	mg/kg	0.88		ND
Methylcyclohexane	**776**	**mg/kg**	**0.88**		**5.1**
Methylene chloride	776	mg/kg	0.88		ND
Methyl-t-butyl ether	776	mg/kg	0.44		ND
o-Xylene	**776**	**mg/kg**	**0.88**		**92**
Styrene	776	mg/kg	0.88		ND
Tetrachloroethene	776	mg/kg	0.88		ND
Toluene	**776**	**mg/kg**	**0.88**		**22**
trans-1,2-Dichloroethene	776	mg/kg	0.88		ND
trans-1,3-Dichloropropene	776	mg/kg	0.88		ND
Trichloroethene	776	mg/kg	0.88		ND
Trichlorofluoromethane	776	mg/kg	0.88		ND
Vinyl chloride	776	mg/kg	0.88		ND
Xylenes (Total)	**776**	**mg/kg**	**0.88**		**750**

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.19	30	68	122	91	
Dibromofluoromethane	28.28	30	63	140	94	
Bromofluorobenzene	30.72	30	64	129	102	
1,2-Dichloroethane-d4	30.62	30	63	143	102	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
Benzene, propyl-	**776**	**mg/kg**	**7.05**	**3.3J**
Benzene, (1-methylethyl)-	**776**	**mg/kg**	**7.09**	**8.7J**
Benzene, 1-ethyl-2-methyl-	**776**	**mg/kg**	**7.14**	**6.4J**
Benzene, 1,2,4-trimethyl-	**776**	**mg/kg**	**7.38**	**7.5J**
TotalVolatileTic	**776**	**mg/kg**	**NA**	**26J**

Sample ID: SB-A(10-11) **Collection Date: 2/2/2017**
Lab#: AC96047-004 **Receipt Date: 2/3/2017**
Matrix: Soil/Encore

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**87**

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.038	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.038	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.038	ND
2,4,5-Trichlorophenol	1	mg/kg	0.038	ND
2,4,6-Trichlorophenol	1	mg/kg	0.038	ND
2,4-Dichlorophenol	1	mg/kg	0.0096	ND
2,4-Dimethylphenol	**1**	**mg/kg**	**0.0096**	**0.013**
2,4-Dinitrophenol	1	mg/kg	0.19	ND
2,4-Dinitrotoluene	1	mg/kg	0.038	ND
2,6-Dinitrotoluene	1	mg/kg	0.038	ND
2-Chloronaphthalene	1	mg/kg	0.038	ND
2-Chlorophenol	1	mg/kg	0.038	ND
2-Methylnaphthalene	1	mg/kg	0.038	ND
2-Methylphenol	1	mg/kg	0.0096	ND
2-Nitroaniline	1	mg/kg	0.038	ND
2-Nitrophenol	1	mg/kg	0.038	ND
3&4-Methylphenol	1	mg/kg	0.0096	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.038	ND
3-Nitroaniline	1	mg/kg	0.038	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.19	ND
4-Bromophenyl-phenylether	1	mg/kg	0.0096	ND
4-Chloro-3-methylphenol	1	mg/kg	0.038	ND
4-Chloroaniline	1	mg/kg	0.0096	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.038	ND
4-Nitroaniline	1	mg/kg	0.038	ND
4-Nitrophenol	1	mg/kg	0.038	ND
Acenaphthene	1	mg/kg	0.038	ND
Acenaphthylene	1	mg/kg	0.038	ND
Acetophenone	1	mg/kg	0.038	ND
Anthracene	1	mg/kg	0.038	ND
Atrazine	1	mg/kg	0.038	ND
Benzaldehyde	1	mg/kg	0.038	ND
Benzo[a]anthracene	1	mg/kg	0.038	ND
Benzo[a]pyrene	1	mg/kg	0.038	ND
Benzo[b]fluoranthene	1	mg/kg	0.038	ND
Benzo[g,h,i]perylene	1	mg/kg	0.038	ND
Benzo[k]fluoranthene	1	mg/kg	0.038	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.038	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.0096	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.038	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.038	ND
Butylbenzylphthalate	1	mg/kg	0.038	ND
Caprolactam	1	mg/kg	0.038	ND
Carbazole	1	mg/kg	0.038	ND
Chrysene	1	mg/kg	0.038	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.038	ND
Dibenzofuran	1	mg/kg	0.0096	ND
Diethylphthalate	1	mg/kg	0.038	ND
Dimethylphthalate	1	mg/kg	0.038	ND
Di-n-butylphthalate	1	mg/kg	0.0096	ND
Di-n-octylphthalate	1	mg/kg	0.038	ND
Fluoranthene	1	mg/kg	0.038	ND
Fluorene	1	mg/kg	0.038	ND
Hexachlorobenzene	1	mg/kg	0.038	ND
Hexachlorobutadiene	1	mg/kg	0.038	ND
Hexachlorocyclopentadiene	1	mg/kg	0.090	ND
Hexachloroethane	1	mg/kg	0.038	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.038	ND
Isophorone	1	mg/kg	0.038	ND
Naphthalene	1	mg/kg	0.0096	ND
Nitrobenzene	1	mg/kg	0.038	ND

N-Nitroso-di-n-propylamine	1	mg/kg	0.0096	ND	
N-Nitrosodiphenylamine	1	mg/kg	0.038	ND	
Pentachlorophenol	1	mg/kg	0.19	ND	
Phenanthrene	1	mg/kg	0.038	ND	
Phenol	1	mg/kg	0.038	ND	
Pyrene	1	mg/kg	0.038	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	40.39	50	58	148	81	
Phenol-d5	73.32	100	49	129	73	
Nitrobenzene-d5	40.42	50	52	129	81	
2-Fluorophenol	74.48	100	43	128	74	
2-Fluorobiphenyl	38.49	50	58	125	77	
2,4,6-Tribromophenol	69.85	100	54	145	70	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
1,2-Propanediol	**1**	**mg/kg**	**3.08**	**0.52JB**
unknown	**1**	**mg/kg**	**4.08**	**1.5JB**
2-Pentanone, 4-hydroxy-4-methyl-	**1**	**mg/kg**	**4.41**	**54JAB**
unknown	**1**	**mg/kg**	**5.07**	**0.35JB**
Octane, 3-ethyl-	**1**	**mg/kg**	**7.94**	**0.13J**
TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**56J**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	88	mg/kg	0.10	ND
1,1,2,2-Tetrachloroethane	88	mg/kg	0.10	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	88	mg/kg	0.10	ND
1,1,2-Trichloroethane	88	mg/kg	0.10	ND
1,1-Dichloroethane	88	mg/kg	0.10	ND
1,1-Dichloroethene	88	mg/kg	0.10	ND
1,2,3-Trichlorobenzene	88	mg/kg	0.10	ND
1,2,4-Trichlorobenzene	88	mg/kg	0.10	ND
1,2-Dibromo-3-chloropropane	88	mg/kg	0.10	ND
1,2-Dibromoethane	88	mg/kg	0.10	ND
1,2-Dichlorobenzene	88	mg/kg	0.10	ND
1,2-Dichloroethane	88	mg/kg	0.051	ND
1,2-Dichloropropane	88	mg/kg	0.10	ND
1,3-Dichlorobenzene	88	mg/kg	0.10	ND
1,4-Dichlorobenzene	88	mg/kg	0.10	ND
1,4-Dioxane	88	mg/kg	5.1	ND
2-Butanone	88	mg/kg	0.10	ND
2-Hexanone	88	mg/kg	0.10	ND
4-Methyl-2-pentanone	88	mg/kg	0.10	ND
Acetone	88	mg/kg	0.51	ND
Benzene	88	mg/kg	0.051	ND
Bromochloromethane	88	mg/kg	0.10	ND
Bromodichloromethane	88	mg/kg	0.10	ND
Bromoform	88	mg/kg	0.10	ND
Bromomethane	88	mg/kg	0.10	ND
Carbon disulfide	88	mg/kg	0.10	ND
Carbon tetrachloride	88	mg/kg	0.10	ND
Chlorobenzene	88	mg/kg	0.10	ND
Chloroethane	88	mg/kg	0.10	ND
Chloroform	88	mg/kg	0.10	ND
Chloromethane	88	mg/kg	0.10	ND
cis-1,2-Dichloroethene	88	mg/kg	0.10	ND
cis-1,3-Dichloropropene	88	mg/kg	0.10	ND
Cyclohexane	88	mg/kg	0.10	ND
Dibromochloromethane	88	mg/kg	0.10	ND
Dichlorodifluoromethane	88	mg/kg	0.10	ND
Ethylbenzene	**88**	**mg/kg**	**0.10**	**0.54**
Isopropylbenzene	88	mg/kg	0.10	ND
m&p-Xylenes	**88**	**mg/kg**	**0.10**	**2.3**
Methyl Acetate	88	mg/kg	0.10	ND
Methylcyclohexane	88	mg/kg	0.10	ND
Methylene chloride	88	mg/kg	0.10	ND
Methyl-t-butyl ether	88	mg/kg	0.051	ND

Sample ID: SB-A(10-11) **Collection Date: 2/2/2017**
Lab#: AC96047-004 **Receipt Date: 2/3/2017**
Matrix: Soil/Encore

o-Xylene	**88**	**mg/kg**	**0.10**		**0.25**
Styrene	88	mg/kg	0.10		ND
Tetrachloroethene	88	mg/kg	0.10		ND
Toluene	88	mg/kg	0.10		ND
trans-1,2-Dichloroethene	88	mg/kg	0.10		ND
trans-1,3-Dichloropropene	88	mg/kg	0.10		ND
Trichloroethene	88	mg/kg	0.10		ND
Trichlorofluoromethane	88	mg/kg	0.10		ND
Vinyl chloride	88	mg/kg	0.10		ND
Xylenes (Total)	**88**	**mg/kg**	**0.10**		**2.6**

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	28.13	30	68	122	94	
Dibromofluoromethane	28.02	30	63	140	93	
Bromofluorobenzene	32.94	30	64	129	110	
1,2-Dichloroethane-d4	30.75	30	63	143	102	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	88	mg/kg	NA	ND
TotalVolatileTic	88	mg/kg	NA	ND

Sample ID: SB-A(5-6) **Collection Date: 2/2/2017**
Lab#: AC96047-005 **Receipt Date: 2/3/2017**
Matrix: Soil/Encore

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	**1**	**percent**		**87**

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.038	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.038	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.038	ND
2,4,5-Trichlorophenol	1	mg/kg	0.038	ND
2,4,6-Trichlorophenol	1	mg/kg	0.038	ND
2,4-Dichlorophenol	1	mg/kg	0.0096	ND
2,4-Dimethylphenol	1	mg/kg	0.0096	ND
2,4-Dinitrophenol	1	mg/kg	0.19	ND
2,4-Dinitrotoluene	1	mg/kg	0.038	ND
2,6-Dinitrotoluene	1	mg/kg	0.038	ND
2-Chloronaphthalene	1	mg/kg	0.038	ND
2-Chlorophenol	1	mg/kg	0.038	ND
2-Methylnaphthalene	1	mg/kg	0.038	ND
2-Methylphenol	1	mg/kg	0.0096	ND
2-Nitroaniline	1	mg/kg	0.038	ND
2-Nitrophenol	1	mg/kg	0.038	ND
3&4-Methylphenol	1	mg/kg	0.0096	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.038	ND
3-Nitroaniline	1	mg/kg	0.038	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.19	ND
4-Bromophenyl-phenylether	1	mg/kg	0.0096	ND
4-Chloro-3-methylphenol	1	mg/kg	0.038	ND
4-Chloroaniline	1	mg/kg	0.0096	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.038	ND
4-Nitroaniline	1	mg/kg	0.038	ND
4-Nitrophenol	1	mg/kg	0.038	ND
Acenaphthene	1	mg/kg	0.038	ND
Acenaphthylene	1	mg/kg	0.038	ND
Acetophenone	1	mg/kg	0.038	ND
Anthracene	1	mg/kg	0.038	ND
Atrazine	1	mg/kg	0.038	ND
Benzaldehyde	1	mg/kg	0.038	ND
Benzo[a]anthracene	**1**	**mg/kg**	**0.038**	**0.038**
Benzo[a]pyrene	1	mg/kg	0.038	ND
Benzo[b]fluoranthene	1	mg/kg	0.038	ND
Benzo[g,h,i]perylene	1	mg/kg	0.038	ND
Benzo[k]fluoranthene	1	mg/kg	0.038	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.038	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.0096	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.038	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.038	ND
Butylbenzylphthalate	1	mg/kg	0.038	ND
Caprolactam	1	mg/kg	0.038	ND
Carbazole	1	mg/kg	0.038	ND
Chrysene	1	mg/kg	0.038	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.038	ND
Dibenzofuran	1	mg/kg	0.0096	ND
Diethylphthalate	1	mg/kg	0.038	ND
Dimethylphthalate	1	mg/kg	0.038	ND
Di-n-butylphthalate	1	mg/kg	0.0096	ND
Di-n-octylphthalate	1	mg/kg	0.038	ND
Fluoranthene	**1**	**mg/kg**	**0.038**	**0.063**
Fluorene	1	mg/kg	0.038	ND
Hexachlorobenzene	1	mg/kg	0.038	ND
Hexachlorobutadiene	1	mg/kg	0.038	ND
Hexachlorocyclopentadiene	1	mg/kg	0.090	ND
Hexachloroethane	1	mg/kg	0.038	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.038	ND
Isophorone	1	mg/kg	0.038	ND
Naphthalene	1	mg/kg	0.0096	ND
Nitrobenzene	1	mg/kg	0.038	ND

N-Nitroso-di-n-propylamine	1	mg/kg	0.0096	ND	
N-Nitrosodiphenylamine	1	mg/kg	0.038	ND	
Pentachlorophenol	1	mg/kg	0.19	ND	
Phenanthrene	1	mg/kg	0.038	ND	
Phenol	1	mg/kg	0.038	ND	
Pyrene	**1**	**mg/kg**	**0.038**	**0.061**	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	33.25	50	58	148	67	
Phenol-d5	62.00	100	49	129	62	
Nitrobenzene-d5	33.11	50	52	129	66	
2-Fluorophenol	62.38	100	43	128	62	
2-Fluorobiphenyl	31.94	50	58	125	64	
2,4,6-Tribromophenol	53.89	100	54	145	54	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
1,2-Propanediol	**1**	**mg/kg**	**3.08**	**0.31JB**
unknown	**1**	**mg/kg**	**4.08**	**1.4JB**
2-Pentanone, 4-hydroxy-4-methyl-	**1**	**mg/kg**	**4.41**	**48JAB**
unknown	**1**	**mg/kg**	**5.07**	**0.32JB**
Tridecane	**1**	**mg/kg**	**9.18**	**0.081J**
TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**50J**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	79.2	mg/kg	0.091	ND
1,1,2,2-Tetrachloroethane	79.2	mg/kg	0.091	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	79.2	mg/kg	0.091	ND
1,1,2-Trichloroethane	79.2	mg/kg	0.091	ND
1,1-Dichloroethane	79.2	mg/kg	0.091	ND
1,1-Dichloroethene	79.2	mg/kg	0.091	ND
1,2,3-Trichlorobenzene	79.2	mg/kg	0.091	ND
1,2,4-Trichlorobenzene	79.2	mg/kg	0.091	ND
1,2-Dibromo-3-chloropropane	79.2	mg/kg	0.091	ND
1,2-Dibromoethane	79.2	mg/kg	0.091	ND
1,2-Dichlorobenzene	79.2	mg/kg	0.091	ND
1,2-Dichloroethane	79.2	mg/kg	0.046	ND
1,2-Dichloropropane	79.2	mg/kg	0.091	ND
1,3-Dichlorobenzene	79.2	mg/kg	0.091	ND
1,4-Dichlorobenzene	79.2	mg/kg	0.091	ND
1,4-Dioxane	79.2	mg/kg	4.6	ND
2-Butanone	79.2	mg/kg	0.091	ND
2-Hexanone	79.2	mg/kg	0.091	ND
4-Methyl-2-pentanone	79.2	mg/kg	0.091	ND
Acetone	79.2	mg/kg	0.46	ND
Benzene	79.2	mg/kg	0.046	ND
Bromochloromethane	79.2	mg/kg	0.091	ND
Bromodichloromethane	79.2	mg/kg	0.091	ND
Bromoform	79.2	mg/kg	0.091	ND
Bromomethane	79.2	mg/kg	0.091	ND
Carbon disulfide	79.2	mg/kg	0.091	ND
Carbon tetrachloride	79.2	mg/kg	0.091	ND
Chlorobenzene	79.2	mg/kg	0.091	ND
Chloroethane	79.2	mg/kg	0.091	ND
Chloroform	79.2	mg/kg	0.091	ND
Chloromethane	79.2	mg/kg	0.091	ND
cis-1,2-Dichloroethene	79.2	mg/kg	0.091	ND
cis-1,3-Dichloropropene	79.2	mg/kg	0.091	ND
Cyclohexane	79.2	mg/kg	0.091	ND
Dibromochloromethane	79.2	mg/kg	0.091	ND
Dichlorodifluoromethane	79.2	mg/kg	0.091	ND
Ethylbenzene	**79.2**	**mg/kg**	**0.091**	**0.19**
Isopropylbenzene	79.2	mg/kg	0.091	ND
m&p-Xylenes	**79.2**	**mg/kg**	**0.091**	**1.8**
Methyl Acetate	79.2	mg/kg	0.091	ND
Methylcyclohexane	79.2	mg/kg	0.091	ND
Methylene chloride	79.2	mg/kg	0.091	ND
Methyl-t-butyl ether	79.2	mg/kg	0.046	ND

Sample ID: SB-A(5-6) **Collection Date: 2/2/2017**
Lab#: AC96047-005 **Receipt Date: 2/3/2017**
Matrix: Soil/Encore

o-Xylene	79.2	mg/kg	0.091	ND
Styrene	79.2	mg/kg	0.091	ND
Tetrachloroethene	79.2	mg/kg	0.091	ND
Toluene	79.2	mg/kg	0.091	ND
trans-1,2-Dichloroethene	79.2	mg/kg	0.091	ND
trans-1,3-Dichloropropene	79.2	mg/kg	0.091	ND
Trichloroethene	79.2	mg/kg	0.091	ND
Trichlorofluoromethane	79.2	mg/kg	0.091	ND
Vinyl chloride	79.2	mg/kg	0.091	ND
Xylenes (Total)	**79.2**	**mg/kg**	**0.091**	**1.8**

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.70	30	68	122	99	
Dibromofluoromethane	29.10	30	63	140	97	
Bromofluorobenzene	31.54	30	64	129	105	
1,2-Dichloroethane-d4	27.13	30	63	143	90	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	79.2	mg/kg	NA	ND
TotalVolatileTic	79.2	mg/kg	NA	ND

Sample ID: FB-20170202 **Collection Date: 2/2/2017**
Lab#: AC96047-006 **Receipt Date: 2/3/2017**
Matrix: Aqueous

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.80	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND

Sample ID: FB-20170202 **Collection Date: 2/2/2017**
Lab#: AC96047-006 **Receipt Date: 2/3/2017**
Matrix: Aqueous

Pyrene	1	ug/l	2.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	50.99	50	55	146	102	
Phenol-d5	17.69	100	27	115	18	Sa8
Nitrobenzene-d5	41.44	50	51	139	83	
2-Fluorophenol	30.18	100	29	113	30	
2-Fluorobiphenyl	44.81	50	53	129	90	
2,4,6-Tribromophenol	67.79	100	54	149	68	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalSemiVolatileTic	1	ug/l	NA	ND

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND

Sample ID: FB-20170202 **Collection Date: 2/2/2017**
Lab#: AC96047-006 **Receipt Date: 2/3/2017**
Matrix: Aqueous

Xylenes (Total)	1	ug/l	1.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.69	30	79	111	92	
Dibromofluoromethane	36.17	30	73	131	121	
Bromofluorobenzene	28.23	30	82	112	94	
1,2-Dichloroethane-d4	37.01	30	78	128	123	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: SB-X(5-6) **Collection Date: 2/2/2017**
Lab#: AC96047-007 **Receipt Date: 2/3/2017**
Matrix: Soil/Encore

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**85**

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.039	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.039	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.039	ND
2,4,5-Trichlorophenol	1	mg/kg	0.039	ND
2,4,6-Trichlorophenol	1	mg/kg	0.039	ND
2,4-Dichlorophenol	1	mg/kg	0.0098	ND
2,4-Dimethylphenol	1	mg/kg	0.0098	ND
2,4-Dinitrophenol	1	mg/kg	0.20	ND
2,4-Dinitrotoluene	1	mg/kg	0.039	ND
2,6-Dinitrotoluene	1	mg/kg	0.039	ND
2-Chloronaphthalene	1	mg/kg	0.039	ND
2-Chlorophenol	1	mg/kg	0.039	ND
2-Methylnaphthalene	1	mg/kg	0.039	ND
2-Methylphenol	1	mg/kg	0.0098	ND
2-Nitroaniline	1	mg/kg	0.039	ND
2-Nitrophenol	1	mg/kg	0.039	ND
3&4-Methylphenol	1	mg/kg	0.0098	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.039	ND
3-Nitroaniline	1	mg/kg	0.039	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.20	ND
4-Bromophenyl-phenylether	1	mg/kg	0.0098	ND
4-Chloro-3-methylphenol	1	mg/kg	0.039	ND
4-Chloroaniline	1	mg/kg	0.0098	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.039	ND
4-Nitroaniline	1	mg/kg	0.039	ND
4-Nitrophenol	1	mg/kg	0.039	ND
Acenaphthene	1	mg/kg	0.039	ND
Acenaphthylene	1	mg/kg	0.039	ND
Acetophenone	1	mg/kg	0.039	ND
Anthracene	1	mg/kg	0.039	ND
Atrazine	1	mg/kg	0.039	ND
Benzaldehyde	1	mg/kg	0.039	ND
Benzo[a]anthracene	1	mg/kg	0.039	ND
Benzo[a]pyrene	1	mg/kg	0.039	ND
Benzo[b]fluoranthene	1	mg/kg	0.039	ND
Benzo[g,h,i]perylene	1	mg/kg	0.039	ND
Benzo[k]fluoranthene	1	mg/kg	0.039	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.039	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.0098	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.039	ND
bis(2-Ethylhexyl)phthalate	**1**	**mg/kg**	**0.039**	**0.041**
Butylbenzylphthalate	1	mg/kg	0.039	ND
Caprolactam	1	mg/kg	0.039	ND
Carbazole	1	mg/kg	0.039	ND
Chrysene	1	mg/kg	0.039	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.039	ND
Dibenzofuran	1	mg/kg	0.0098	ND
Diethylphthalate	1	mg/kg	0.039	ND
Dimethylphthalate	1	mg/kg	0.039	ND
Di-n-butylphthalate	1	mg/kg	0.0098	ND
Di-n-octylphthalate	1	mg/kg	0.039	ND
Fluoranthene	**1**	**mg/kg**	**0.039**	**0.054**
Fluorene	1	mg/kg	0.039	ND
Hexachlorobenzene	1	mg/kg	0.039	ND
Hexachlorobutadiene	1	mg/kg	0.039	ND
Hexachlorocyclopentadiene	1	mg/kg	0.092	ND
Hexachloroethane	1	mg/kg	0.039	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.039	ND
Isophorone	1	mg/kg	0.039	ND
Naphthalene	1	mg/kg	0.0098	ND
Nitrobenzene	1	mg/kg	0.039	ND

Sample ID: SB-X(5-6) **Collection Date: 2/2/2017**
Lab#: AC96047-007 **Receipt Date: 2/3/2017**
Matrix: Soil/Encore

N-Nitroso-di-n-propylamine	1	mg/kg	0.0098	ND	
N-Nitrosodiphenylamine	1	mg/kg	0.039	ND	
Pentachlorophenol	1	mg/kg	0.20	ND	
Phenanthrene	1	mg/kg	0.039	ND	
Phenol	1	mg/kg	0.039	ND	
Pyrene	**1**	**mg/kg**	**0.039**	**0.054**	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	40.09	50	58	148	80	
Phenol-d5	73.67	100	49	129	74	
Nitrobenzene-d5	41.16	50	52	129	82	
2-Fluorophenol	75.72	100	43	128	76	
2-Fluorobiphenyl	39.18	50	58	125	78	
2,4,6-Tribromophenol	71.29	100	54	145	71	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
Docosane, 11-decyl-	**1**	**mg/kg**	**11.04**	**0.13J**
(E,E)-2,5-Diphenyl-2,4-hexadiene	**1**	**mg/kg**	**11.76**	**0.090J**
unknown	**1**	**mg/kg**	**16.39**	**0.082J**
1,2-Propanediol	**1**	**mg/kg**	**3.09**	**0.46JB**
unknown	**1**	**mg/kg**	**4.09**	**1.8JB**
2-Pentanone, 4-hydroxy-4-methyl-	**1**	**mg/kg**	**4.42**	**61JAB**
unknown	**1**	**mg/kg**	**5.07**	**0.41JB**
Tridecane, 5-propyl-	**1**	**mg/kg**	**9.18**	**0.090J**
TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**64J**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	77.9	mg/kg	0.092	ND
1,1,2,2-Tetrachloroethane	77.9	mg/kg	0.092	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	77.9	mg/kg	0.092	ND
1,1,2-Trichloroethane	77.9	mg/kg	0.092	ND
1,1-Dichloroethane	77.9	mg/kg	0.092	ND
1,1-Dichloroethene	77.9	mg/kg	0.092	ND
1,2,3-Trichlorobenzene	77.9	mg/kg	0.092	ND
1,2,4-Trichlorobenzene	77.9	mg/kg	0.092	ND
1,2-Dibromo-3-chloropropane	77.9	mg/kg	0.092	ND
1,2-Dibromoethane	77.9	mg/kg	0.092	ND
1,2-Dichlorobenzene	77.9	mg/kg	0.092	ND
1,2-Dichloroethane	77.9	mg/kg	0.046	ND
1,2-Dichloropropane	77.9	mg/kg	0.092	ND
1,3-Dichlorobenzene	77.9	mg/kg	0.092	ND
1,4-Dichlorobenzene	77.9	mg/kg	0.092	ND
1,4-Dioxane	77.9	mg/kg	4.6	ND
2-Butanone	77.9	mg/kg	0.092	ND
2-Hexanone	77.9	mg/kg	0.092	ND
4-Methyl-2-pentanone	77.9	mg/kg	0.092	ND
Acetone	77.9	mg/kg	0.46	ND
Benzene	77.9	mg/kg	0.046	ND
Bromochloromethane	77.9	mg/kg	0.092	ND
Bromodichloromethane	77.9	mg/kg	0.092	ND
Bromoform	77.9	mg/kg	0.092	ND
Bromomethane	77.9	mg/kg	0.092	ND
Carbon disulfide	77.9	mg/kg	0.092	ND
Carbon tetrachloride	77.9	mg/kg	0.092	ND
Chlorobenzene	77.9	mg/kg	0.092	ND
Chloroethane	77.9	mg/kg	0.092	ND
Chloroform	77.9	mg/kg	0.092	ND
Chloromethane	77.9	mg/kg	0.092	ND
cis-1,2-Dichloroethene	77.9	mg/kg	0.092	ND
cis-1,3-Dichloropropene	77.9	mg/kg	0.092	ND
Cyclohexane	77.9	mg/kg	0.092	ND
Dibromochloromethane	77.9	mg/kg	0.092	ND
Dichlorodifluoromethane	77.9	mg/kg	0.092	ND
Ethylbenzene	77.9	mg/kg	0.092	ND
Isopropylbenzene	**77.9**	**mg/kg**	**0.092**	**0.27**
m&p-Xylenes	**77.9**	**mg/kg**	**0.092**	**4.6**
Methyl Acetate	77.9	mg/kg	0.092	ND

Sample ID: SB-X(5-6) **Collection Date: 2/2/2017**
Lab#: AC96047-007 **Receipt Date: 2/3/2017**
Matrix: Soil/Encore

Methylcyclohexane	77.9	mg/kg	0.092	ND	
Methylene chloride	77.9	mg/kg	0.092	ND	
Methyl-t-butyl ether	77.9	mg/kg	0.046	ND	
o-Xylene	77.9	mg/kg	0.092	ND	
Styrene	77.9	mg/kg	0.092	ND	
Tetrachloroethene	77.9	mg/kg	0.092	ND	
Toluene	77.9	mg/kg	0.092	ND	
trans-1,2-Dichloroethene	77.9	mg/kg	0.092	ND	
trans-1,3-Dichloropropene	77.9	mg/kg	0.092	ND	
Trichloroethene	77.9	mg/kg	0.092	ND	
Trichlorofluoromethane	77.9	mg/kg	0.092	ND	
Vinyl chloride	77.9	mg/kg	0.092	ND	
Xylenes (Total)	**77.9**	**mg/kg**	**0.092**	**4.6**	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	28.47	30	68	122	95	
Dibromofluoromethane	29.39	30	63	140	98	
Bromofluorobenzene	30.26	30	64	129	101	
1,2-Dichloroethane-d4	29.37	30	63	143	98	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	77.9	mg/kg	NA	ND
TotalVolatileTic	77.9	mg/kg	NA	ND

Hampton-Clarke, Inc. (WBE/DBE/SBE)
175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056
NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

Hampton-Clarke
A Women-Owned, Disadvantaged, Small Business Enterprise

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 7020318

Page 1 of 1

Customer Information

1a) Customer: ED SCHWETZ HDR ENGINEERING
Address: 1 International BLVD 10TH Flor Ste 1000
MAHWAH NJ 07495
1b) Email/Cell/Fax/Ph: EDWARD.SCHWETZ@HDRINC.COM
1c) Send Invoice to: Same as above
1d) Send Report to: Same as above

Project Information

2a) Project: ConEdison North 1st Street / Fyn Point
2b) Project Mgr: ED SCHWETZ
2c) Project Location (City/State): BROOKLYN NY
2d) Quote/PO # (If Applicable):

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Deliv.
When Available:	Data Summary	Hazsite/CSV
1 Business Day (100%)*	Results + QC (Waste)	EnviroData
2 Business Days (75%)*	NJ Reduced	Excel - NJ Regulatory
3 Business Days (50%)*	NY Reduced	Excel - NY Regulatory
4 Business Days (35%)*	PA Reduced	Excel - PA Regulatory
5 Business Days (25%)	Full / Category B	EQuIS (specify below):
10 Business Days (Stand.)	Category A	4-File/EZ NYS Reg. 2 or 5
Other:	Electronic (PDF)	Other:

* Expedited TAT Not Always Available. Please Check with Lab.

FOR LAB USE ONLY ↓

Batch # AC96047

===> Check If Contingent ===>

Matrix Codes
DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9, Comments)

7) Analysis (specify methods & parameter lists)

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	VOC 8260	BNA 8270	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
001	TB-20170202	OT				X	X						3				TRIP BLANK H2O
002	SB-C(10-11)	S			X		X	X	2		3						
003	SB-C (5-6)	S			X		X	X	2		3						
004	SB-A (10-11)	S			X		X	X	2		3						
005	SB-A (5-6)	S			X		X	X	2		3						
006	FB-20170202	OT				X	X	X	2				3				FIELD BLK H2O
007	SB-X (5-6)	S			X		X	X	2		3						

10) Relinquished by:	Accepted by:	Date	Time
C Mills HDR	HDR Nanuet	2/2/17	1600
Kate Eno		2/3/17	9:55
		2/3/17	14:25

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- ☐ BN or BNA (8270D SIM)
- ☐ VOC (8260C SIM or 8011)
- ☐ SPLP (BN, BNA, Metals)

For NNJ LSRP projects, indicate which standards need to be met:
- ☐ NJDEP GWQS
- ☐ NJDEP SRS
- ☐ NJDEP SPLP
- ☐ Other (specify):

Check if applicable:
- ☐ Project-Specific Reporting Limits
- ☐ High Contaminant Concentrations
- ☐ NJ LSRP Project (also check boxes above/right)

Cooler Temperature: 2.8

11) Sampler (print name): MILLS Date: 2/2/17

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

APPENDIX G
GROUNDWATER SAMPLE ANALYTICAL REPORT

Hampton-Clarke Report Of Analysis

Client: HDR **HC Project #:** 7021701

Project: Con Ed NFST

Sample ID: MW-4 **Collection Date:** 2/15/2017
Lab#: AC96262-001 **Receipt Date:** 2/16/2017
Matrix: Aqueous

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.80	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND

Isophorone	1	ug/l	2.0	ND	
Naphthalene	1	ug/l	0.50	ND	
Nitrobenzene	1	ug/l	2.0	ND	
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND	
N-Nitrosodiphenylamine	1	ug/l	2.0	ND	
Pentachlorophenol	1	ug/l	3.6	ND	
Phenanthrene	1	ug/l	2.0	ND	
Phenol	1	ug/l	2.0	ND	
Pyrene	1	ug/l	2.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	51.00	50	55	146	102	
Phenol-d5	15.78	100	27	115	16	Sa8
Nitrobenzene-d5	43.97	50	51	139	88	
2-Fluorophenol	28.52	100	29	113	29	
2-Fluorobiphenyl	44.65	50	53	129	89	
2,4,6-Tribromophenol	89.42	100	54	149	89	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalSemiVolatileTic	1	ug/l	NA	ND

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	**1**	**ug/l**	**1.0**	**2.0**
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	**1**	**ug/l**	**1.0**	**1.5**
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	**1**	**ug/l**	**0.50**	**0.92**
o-Xylene	1	ug/l	1.0	ND

Sample ID: MW-4 **Collection Date:** 2/15/2017
Lab#: AC96262-001 **Receipt Date:** 2/16/2017
Matrix: Aqueous

Styrene	1	ug/l	1.0		ND
Tetrachloroethene	1	ug/l	1.0		ND
Toluene	1	ug/l	1.0		ND
trans-1,2-Dichloroethene	1	ug/l	1.0		ND
trans-1,3-Dichloropropene	1	ug/l	1.0		ND
Trichloroethene	1	ug/l	1.0		ND
Trichlorofluoromethane	1	ug/l	1.0		ND
Vinyl chloride	1	ug/l	1.0		ND
Xylenes (Total)	1	ug/l	1.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	28.96	30	79	111	97	
Dibromofluoromethane	36.64	30	73	131	122	
Bromofluorobenzene	29.04	30	82	112	97	
1,2-Dichloroethane-d4	35.01	30	78	128	117	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: MW-10 **Collection Date:** 2/14/2017
Lab#: AC96262-002 **Receipt Date:** 2/16/2017
Matrix: Aqueous

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.80	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	3.6	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND

Sample ID: MW-10 **Collection Date: 2/14/2017**
Lab#: AC96262-002 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Pyrene	1	ug/l	2.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	50.35	50	55	146	101	
Phenol-d5	53.06	100	27	115	53	
Nitrobenzene-d5	41.47	50	51	139	83	
2-Fluorophenol	61.45	100	29	113	61	
2-Fluorobiphenyl	44.69	50	53	129	89	
2,4,6-Tribromophenol	81.36	100	54	149	81	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
unknown	**1**	**ug/l**	**5.15**	**4.7J**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**4.7J**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND

Sample ID: MW-10 **Collection Date:** 2/14/2017
Lab#: AC96262-002 **Receipt Date:** 2/16/2017
Matrix: Aqueous

Xylenes (Total)	1	ug/l	1.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	32.53	30	79	111	108	
Dibromofluoromethane	36.76	30	73	131	123	
Bromofluorobenzene	31.51	30	82	112	105	
1,2-Dichloroethane-d4	36.37	30	78	128	121	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: MW-12 **Collection Date: 2/15/2017**
Lab#: AC96262-003 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	1.2	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	1.2	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	1.2	ND
2,4,5-Trichlorophenol	1	ug/l	1.2	ND
2,4,6-Trichlorophenol	1	ug/l	1.2	ND
2,4-Dichlorophenol	1	ug/l	0.47	ND
2,4-Dimethylphenol	**1**	**ug/l**	**0.29**	**65**
2,4-Dinitrophenol	1	ug/l	5.9	ND
2,4-Dinitrotoluene	1	ug/l	1.2	ND
2,6-Dinitrotoluene	1	ug/l	1.2	ND
2-Chloronaphthalene	1	ug/l	1.2	ND
2-Chlorophenol	1	ug/l	1.2	ND
2-Methylnaphthalene	1	ug/l	1.2	ND
2-Methylphenol	**1**	**ug/l**	**0.29**	**12**
2-Nitroaniline	1	ug/l	1.2	ND
2-Nitrophenol	1	ug/l	1.2	ND
3&4-Methylphenol	**1**	**ug/l**	**0.29**	**20**
3,3'-Dichlorobenzidine	1	ug/l	1.2	ND
3-Nitroaniline	1	ug/l	1.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	5.9	ND
4-Bromophenyl-phenylether	1	ug/l	1.2	ND
4-Chloro-3-methylphenol	1	ug/l	1.2	ND
4-Chloroaniline	1	ug/l	0.29	ND
4-Chlorophenyl-phenylether	1	ug/l	1.2	ND
4-Nitroaniline	1	ug/l	1.2	ND
4-Nitrophenol	1	ug/l	1.2	ND
Acenaphthene	1	ug/l	1.2	ND
Acenaphthylene	1	ug/l	1.2	ND
Acetophenone	**1**	**ug/l**	**1.2**	**11**
Anthracene	1	ug/l	1.2	ND
Atrazine	1	ug/l	1.2	ND
Benzaldehyde	1	ug/l	1.2	ND
Benzo[a]anthracene	1	ug/l	1.2	ND
Benzo[a]pyrene	1	ug/l	1.2	ND
Benzo[b]fluoranthene	1	ug/l	1.2	ND
Benzo[g,h,i]perylene	1	ug/l	1.2	ND
Benzo[k]fluoranthene	1	ug/l	1.2	ND
bis(2-Chloroethoxy)methane	1	ug/l	1.2	ND
bis(2-Chloroethyl)ether	1	ug/l	0.29	ND
bis(2-Chloroisopropyl)ether	1	ug/l	1.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	1.2	ND
Butylbenzylphthalate	1	ug/l	1.2	ND
Caprolactam	1	ug/l	1.2	ND
Carbazole	1	ug/l	1.2	ND
Chrysene	1	ug/l	1.2	ND
Dibenzo[a,h]anthracene	1	ug/l	1.2	ND
Dibenzofuran	1	ug/l	0.29	ND
Diethylphthalate	1	ug/l	1.2	ND
Dimethylphthalate	1	ug/l	1.2	ND
Di-n-butylphthalate	1	ug/l	0.29	ND
Di-n-octylphthalate	1	ug/l	1.2	ND
Fluoranthene	1	ug/l	1.2	ND
Fluorene	1	ug/l	1.2	ND
Hexachlorobenzene	1	ug/l	1.2	ND
Hexachlorobutadiene	1	ug/l	1.2	ND
Hexachlorocyclopentadiene	1	ug/l	1.2	ND
Hexachloroethane	1	ug/l	1.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	1.2	ND
Isophorone	1	ug/l	1.2	ND
Naphthalene	**1**	**ug/l**	**0.29**	**0.68**
Nitrobenzene	1	ug/l	1.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.29	ND
N-Nitrosodiphenylamine	1	ug/l	1.2	ND
Pentachlorophenol	1	ug/l	2.1	ND
Phenanthrene	1	ug/l	1.2	ND
Phenol	1	ug/l	1.2	ND

Sample ID: MW-12 **Collection Date: 2/15/2017**
Lab#: AC96262-003 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Pyrene		1	ug/l	1.2		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	32.10	50	55	146	64	
Phenol-d5	27.08	100	27	115	27	
Nitrobenzene-d5	26.93	50	51	139	54	
2-Fluorophenol	20.49	100	29	113	20	Sa8
2-Fluorobiphenyl	27.93	50	53	129	56	
2,4,6-Tribromophenol	59.68	100	54	149	60	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
Benzene, methyl-	**1**	**ug/l**	**3.51**	**1800J**
Benzene, ethyl-	**1**	**ug/l**	**4.62**	**2900J**
Benzene, 1,3-dimethyl-	**1**	**ug/l**	**4.76**	**8300J**
Benzene, 1,4-dimethyl-	**1**	**ug/l**	**4.94**	**1800J**
Benzene, (1-methylethyl)-	**1**	**ug/l**	**5.18**	**30J**
Benzene, 1-ethyl-2-methyl-	**1**	**ug/l**	**5.48**	**21J**
Benzene, 1,3,5-trimethyl-	**1**	**ug/l**	**5.73**	**32J**
Benzene, 1-ethyl-3-methyl-	**1**	**ug/l**	**5.93**	**9.1J**
1H-Pyrazole, 1,3,4,5-tetramethyl-	**1**	**ug/l**	**6.04**	**8.4J**
Benzaldehyde, 3-methyl-	**1**	**ug/l**	**6.23**	**23J**
Phenol, 2,3-dimethyl-	**1**	**ug/l**	**6.43**	**7.9J**
Phenol, 3-ethyl-	**1**	**ug/l**	**6.56**	**14J**
2,4,6-Octatrienal	**1**	**ug/l**	**6.58**	**28J**
unknown	**1**	**ug/l**	**6.72**	**25J**
Phenol, 3,4-dimethyl-	**1**	**ug/l**	**6.86**	**10J**
Benzoic acid, 2-methyl-	**1**	**ug/l**	**7.11**	**47J**
Benzoic acid, 3-methyl-	**1**	**ug/l**	**7.21**	**35J**
Benzoic acid, 4-methyl-	**1**	**ug/l**	**7.25**	**15J**
unknown	**1**	**ug/l**	**7.48**	**9.5J**
Benzeneacetic acid, .alpha.-methyl-	**1**	**ug/l**	**7.54**	**14J**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**15000J**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	200	ug/l	200	ND
1,1,2,2-Tetrachloroethane	200	ug/l	200	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	200	ug/l	200	ND
1,1,2-Trichloroethane	200	ug/l	200	ND
1,1-Dichloroethane	200	ug/l	200	ND
1,1-Dichloroethene	200	ug/l	200	ND
1,2,3-Trichlorobenzene	200	ug/l	200	ND
1,2,4-Trichlorobenzene	200	ug/l	200	ND
1,2-Dibromo-3-chloropropane	200	ug/l	200	ND
1,2-Dibromoethane	200	ug/l	200	ND
1,2-Dichlorobenzene	200	ug/l	200	ND
1,2-Dichloroethane	200	ug/l	100	ND
1,2-Dichloropropane	200	ug/l	200	ND
1,3-Dichlorobenzene	200	ug/l	200	ND
1,4-Dichlorobenzene	200	ug/l	200	ND
1,4-Dioxane	200	ug/l	10000	ND
2-Butanone	200	ug/l	200	ND
2-Hexanone	200	ug/l	200	ND
4-Methyl-2-pentanone	200	ug/l	200	ND
Acetone	200	ug/l	1000	ND
Benzene	200	ug/l	100	ND
Bromochloromethane	200	ug/l	200	ND
Bromodichloromethane	200	ug/l	200	ND
Bromoform	200	ug/l	200	ND
Bromomethane	200	ug/l	200	ND
Carbon disulfide	200	ug/l	200	ND
Carbon tetrachloride	200	ug/l	200	ND
Chlorobenzene	200	ug/l	200	ND
Chloroethane	200	ug/l	200	ND
Chloroform	200	ug/l	200	ND
Chloromethane	200	ug/l	200	ND
cis-1,2-Dichloroethene	200	ug/l	200	ND
cis-1,3-Dichloropropene	200	ug/l	200	ND

Sample ID: MW-12 **Collection Date: 2/15/2017**
Lab#: AC96262-003 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Cyclohexane	200	ug/l	200	ND
Dibromochloromethane	200	ug/l	200	ND
Dichlorodifluoromethane	200	ug/l	200	ND
Ethylbenzene	**200**	**ug/l**	**200**	**12000**
Isopropylbenzene	200	ug/l	200	ND
m&p-Xylenes	**200**	**ug/l**	**200**	**66000**
Methyl Acetate	200	ug/l	200	ND
Methylcyclohexane	200	ug/l	200	ND
Methylene chloride	200	ug/l	200	ND
Methyl-t-butyl ether	200	ug/l	100	ND
o-Xylene	**200**	**ug/l**	**200**	**8000**
Styrene	200	ug/l	200	ND
Tetrachloroethene	200	ug/l	200	ND
Toluene	**200**	**ug/l**	**200**	**9800**
trans-1,2-Dichloroethene	200	ug/l	200	ND
trans-1,3-Dichloropropene	200	ug/l	200	ND
Trichloroethene	200	ug/l	200	ND
Trichlorofluoromethane	200	ug/l	200	ND
Vinyl chloride	200	ug/l	200	ND
Xylenes (Total)	**200**	**ug/l**	**200**	**74000**

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.14	30	79	111	90	
Dibromofluoromethane	35.32	30	73	131	118	
Bromofluorobenzene	31.90	30	82	112	106	
1,2-Dichloroethane-d4	31.57	30	78	128	105	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	200	ug/l	NA	ND
TotalVolatileTic	200	ug/l	NA	ND

Sample ID: MW-14 **Collection Date:** 2/15/2017
Lab#: AC96262-004 **Receipt Date:** 2/16/2017
Matrix: Aqueous

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.80	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	3.6	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND

Sample ID: MW-14 **Collection Date: 2/15/2017**
Lab#: AC96262-004 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Pyrene	1	ug/l	2.0		ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	49.98	50	55	146	100	
Phenol-d5	18.10	100	27	115	18	Sa8
Nitrobenzene-d5	42.61	50	51	139	85	
2-Fluorophenol	30.81	100	29	113	31	
2-Fluorobiphenyl	43.85	50	53	129	88	
2,4,6-Tribromophenol	84.03	100	54	149	84	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalSemiVolatileTic	1	ug/l	NA	ND

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	**1**	**ug/l**	**1.0**	**1.0**
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	**1**	**ug/l**	**1.0**	**4.4**
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND

Sample ID: MW-14 **Collection Date: 2/15/2017**
Lab#: AC96262-004 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Xylenes (Total)	1	ug/l	1.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	30.10	30	79	111	100	
Dibromofluoromethane	38.39	30	73	131	128	
Bromofluorobenzene	30.11	30	82	112	100	
1,2-Dichloroethane-d4	36.01	30	78	128	120	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: SMW-A **Collection Date: 2/14/2017**
Lab#: AC96262-005 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.80	ND
2,4-Dimethylphenol	**1**	**ug/l**	**0.50**	**60**
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	**1**	**ug/l**	**0.50**	**2.3**
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	**1**	**ug/l**	**0.50**	**4.8**
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	**1**	**ug/l**	**2.0**	**11**
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	**1**	**ug/l**	**0.50**	**1.0**
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND

Pyrene	1	ug/l	2.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	44.93	50	55	146	90	
Phenol-d5	41.72	100	27	115	42	
Nitrobenzene-d5	51.69	50	51	139	103	
2-Fluorophenol	18.98	100	29	113	19	Sa8
2-Fluorobiphenyl	43.52	50	53	129	87	
2,4,6-Tribromophenol	99.40	100	54	149	99	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
Benzene, methyl-	**1**	**ug/l**	**3.09**	**350J**
Benzene, ethyl-	**1**	**ug/l**	**4.32**	**2300J**
Benzene, 1,3-dimethyl-	**1**	**ug/l**	**4.64**	**1400J**
Benzene, (1-methylethyl)-	**1**	**ug/l**	**4.9**	**45J**
1,3-Propanediol, 2,2-dimethyl-	**1**	**ug/l**	**4.95**	**8.9J**
Benzene, propyl-	**1**	**ug/l**	**5.16**	**15J**
Benzene, 1-ethyl-2-methyl-	**1**	**ug/l**	**5.21**	**30J**
Benzene, 1-ethyl-4-methyl-	**1**	**ug/l**	**5.24**	**11J**
Benzene, 1,3,5-trimethyl-	**1**	**ug/l**	**5.28**	**17J**
Benzene, 1,2,4-trimethyl-	**1**	**ug/l**	**5.47**	**44J**
Benzene, 1,2,3-trimethyl-	**1**	**ug/l**	**5.66**	**13J**
unknown	**1**	**ug/l**	**5.78**	**6.8J**
Benzenemethanol, .alpha.-methyl-	**1**	**ug/l**	**5.9**	**7.4J**
Phenol, 2,6-dimethyl-	**1**	**ug/l**	**6.17**	**6.3J**
Benzenemethanol, 4-methyl-	**1**	**ug/l**	**6.32**	**32J**
Phenol, 3-ethyl-	**1**	**ug/l**	**6.46**	**27J**
Phenol, 3,4-dimethyl-	**1**	**ug/l**	**6.59**	**6.0J**
Benzoic acid, 2-methyl-	**1**	**ug/l**	**6.82**	**6.0J**
unknown	**1**	**ug/l**	**7.18**	**6.0J**
4-TOLUENESULFONAMIDE	**1**	**ug/l**	**8.8**	**5.4J**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**4300J**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	200	ug/l	200	ND
1,1,2,2-Tetrachloroethane	200	ug/l	200	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	200	ug/l	200	ND
1,1,2-Trichloroethane	200	ug/l	200	ND
1,1-Dichloroethane	200	ug/l	200	ND
1,1-Dichloroethene	200	ug/l	200	ND
1,2,3-Trichlorobenzene	200	ug/l	200	ND
1,2,4-Trichlorobenzene	200	ug/l	200	ND
1,2-Dibromo-3-chloropropane	200	ug/l	200	ND
1,2-Dibromoethane	200	ug/l	200	ND
1,2-Dichlorobenzene	200	ug/l	200	ND
1,2-Dichloroethane	200	ug/l	100	ND
1,2-Dichloropropane	200	ug/l	200	ND
1,3-Dichlorobenzene	200	ug/l	200	ND
1,4-Dichlorobenzene	200	ug/l	200	ND
1,4-Dioxane	200	ug/l	10000	ND
2-Butanone	200	ug/l	200	ND
2-Hexanone	200	ug/l	200	ND
4-Methyl-2-pentanone	200	ug/l	200	ND
Acetone	200	ug/l	1000	ND
Benzene	200	ug/l	100	ND
Bromochloromethane	200	ug/l	200	ND
Bromodichloromethane	200	ug/l	200	ND
Bromoform	200	ug/l	200	ND
Bromomethane	200	ug/l	200	ND
Carbon disulfide	200	ug/l	200	ND
Carbon tetrachloride	200	ug/l	200	ND
Chlorobenzene	200	ug/l	200	ND
Chloroethane	200	ug/l	200	ND
Chloroform	200	ug/l	200	ND
Chloromethane	200	ug/l	200	ND
cis-1,2-Dichloroethene	200	ug/l	200	ND
cis-1,3-Dichloropropene	200	ug/l	200	ND

Sample ID: SMW-A **Collection Date: 2/14/2017**
Lab#: AC96262-005 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Cyclohexane	200	ug/l	200	ND
Dibromochloromethane	200	ug/l	200	ND
Dichlorodifluoromethane	200	ug/l	200	ND
Ethylbenzene	**200**	**ug/l**	**200**	**5600**
Isopropylbenzene	200	ug/l	200	ND
m&p-Xylenes	**200**	**ug/l**	**200**	**23000**
Methyl Acetate	200	ug/l	200	ND
Methylcyclohexane	200	ug/l	200	ND
Methylene chloride	200	ug/l	200	ND
Methyl-t-butyl ether	200	ug/l	100	ND
o-Xylene	**200**	**ug/l**	**200**	**3300**
Styrene	200	ug/l	200	ND
Tetrachloroethene	200	ug/l	200	ND
Toluene	**200**	**ug/l**	**200**	**840**
trans-1,2-Dichloroethene	200	ug/l	200	ND
trans-1,3-Dichloropropene	200	ug/l	200	ND
Trichloroethene	200	ug/l	200	ND
Trichlorofluoromethane	200	ug/l	200	ND
Vinyl chloride	200	ug/l	200	ND
Xylenes (Total)	**200**	**ug/l**	**200**	**26000**

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.42	30	79	111	91	
Dibromofluoromethane	34.84	30	73	131	116	
Bromofluorobenzene	31.41	30	82	112	105	
1,2-Dichloroethane-d4	35.14	30	78	128	117	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	200	ug/l	NA	ND
TotalVolatileTic	200	ug/l	NA	ND

Sample ID: SMW-C
Lab#: AC96262-006
Matrix: Aqueous

Collection Date: 2/14/2017
Receipt Date: 2/16/2017

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	0.84	ND
2,4-Dimethylphenol	**1**	**ug/l**	**0.53**	**45**
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	**1**	**ug/l**	**2.1**	**4.1**
2-Methylphenol	**1**	**ug/l**	**0.53**	**14**
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	**1**	**ug/l**	**0.53**	**39**
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	0.53	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	**1**	**ug/l**	**2.1**	**11**
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	0.53	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	0.53	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	0.53	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND
Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND
Isophorone	1	ug/l	2.1	ND
Naphthalene	**1**	**ug/l**	**0.53**	**2.1**
Nitrobenzene	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.53	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	**1**	**ug/l**	**2.1**	**19**

Sample ID: SMW-C **Collection Date: 2/14/2017**
Lab#: AC96262-006 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Pyrene		1	ug/l	2.1		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	46.70	50	55	146	93	
Phenol-d5	33.98	100	27	115	34	
Nitrobenzene-d5	44.64	50	51	139	89	
2-Fluorophenol	12.82	100	29	113	13	Sa8
2-Fluorobiphenyl	43.81	50	53	129	88	
2,4,6-Tribromophenol	101.06	100	54	149	101	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
Benzene, methyl-	**1**	**ug/l**	**3.14**	**4500J**
Pentanoic acid	**1**	**ug/l**	**4.11**	**18J**
Benzene, ethyl-	**1**	**ug/l**	**4.34**	**4600J**
Benzene, 1,3-dimethyl-	**1**	**ug/l**	**4.38**	**800J**
Benzene, 1,4-dimethyl-	**1**	**ug/l**	**4.52**	**12000J**
unknown	**1**	**ug/l**	**4.7**	**4700J**
Benzene, (1-methylethyl)-	**1**	**ug/l**	**4.92**	**99J**
Benzene, propyl-	**1**	**ug/l**	**5.16**	**40J**
Benzene, 1-ethyl-2-methyl-	**1**	**ug/l**	**5.22**	**98J**
Benzene, 1-ethyl-3-methyl-	**1**	**ug/l**	**5.24**	**36J**
Benzene, 1,3,5-trimethyl-	**1**	**ug/l**	**5.29**	**43J**
Benzene, 1-ethyl-4-methyl-	**1**	**ug/l**	**5.35**	**24J**
Benzene, 1,2,4-trimethyl-	**1**	**ug/l**	**5.47**	**110J**
Benzene, 1,2,3-trimethyl-	**1**	**ug/l**	**5.66**	**30J**
Benzenemethanol, 4-methyl-	**1**	**ug/l**	**6.32**	**32J**
Phenol, 2-ethyl-	**1**	**ug/l**	**6.46**	**48J**
Propanedioic acid, phenyl-	**1**	**ug/l**	**6.86**	**69J**
Benzoic acid, 3-methyl-	**1**	**ug/l**	**6.94**	**21J**
Benzoic acid, 4-methyl-	**1**	**ug/l**	**6.98**	**18J**
Benzenepropanoic acid	**1**	**ug/l**	**7.25**	**36J**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**27000J**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	200	ug/l	200	ND
1,1,2,2-Tetrachloroethane	200	ug/l	200	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	200	ug/l	200	ND
1,1,2-Trichloroethane	200	ug/l	200	ND
1,1-Dichloroethane	200	ug/l	200	ND
1,1-Dichloroethene	200	ug/l	200	ND
1,2,3-Trichlorobenzene	200	ug/l	200	ND
1,2,4-Trichlorobenzene	200	ug/l	200	ND
1,2-Dibromo-3-chloropropane	200	ug/l	200	ND
1,2-Dibromoethane	200	ug/l	200	ND
1,2-Dichlorobenzene	200	ug/l	200	ND
1,2-Dichloroethane	200	ug/l	100	ND
1,2-Dichloropropane	200	ug/l	200	ND
1,3-Dichlorobenzene	200	ug/l	200	ND
1,4-Dichlorobenzene	200	ug/l	200	ND
1,4-Dioxane	200	ug/l	10000	ND
2-Butanone	200	ug/l	200	ND
2-Hexanone	200	ug/l	200	ND
4-Methyl-2-pentanone	200	ug/l	200	ND
Acetone	200	ug/l	1000	ND
Benzene	200	ug/l	100	ND
Bromochloromethane	200	ug/l	200	ND
Bromodichloromethane	200	ug/l	200	ND
Bromoform	200	ug/l	200	ND
Bromomethane	200	ug/l	200	ND
Carbon disulfide	200	ug/l	200	ND
Carbon tetrachloride	200	ug/l	200	ND
Chlorobenzene	200	ug/l	200	ND
Chloroethane	200	ug/l	200	ND
Chloroform	200	ug/l	200	ND
Chloromethane	200	ug/l	200	ND
cis-1,2-Dichloroethene	200	ug/l	200	ND
cis-1,3-Dichloropropene	200	ug/l	200	ND

Sample ID: SMW-C **Collection Date: 2/14/2017**
Lab#: AC96262-006 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Cyclohexane	200	ug/l	200	ND
Dibromochloromethane	200	ug/l	200	ND
Dichlorodifluoromethane	200	ug/l	200	ND
Ethylbenzene	**200**	**ug/l**	**200**	**24000**
Isopropylbenzene	**200**	**ug/l**	**200**	**220**
m&p-Xylenes	**200**	**ug/l**	**200**	**110000**
Methyl Acetate	200	ug/l	200	ND
Methylcyclohexane	200	ug/l	200	ND
Methylene chloride	200	ug/l	200	ND
Methyl-t-butyl ether	200	ug/l	100	ND
o-Xylene	**200**	**ug/l**	**200**	**21000**
Styrene	200	ug/l	200	ND
Tetrachloroethene	200	ug/l	200	ND
Toluene	**200**	**ug/l**	**200**	**19000**
trans-1,2-Dichloroethene	200	ug/l	200	ND
trans-1,3-Dichloropropene	200	ug/l	200	ND
Trichloroethene	200	ug/l	200	ND
Trichlorofluoromethane	200	ug/l	200	ND
Vinyl chloride	200	ug/l	200	ND
Xylenes (Total)	**200**	**ug/l**	**200**	**130000**

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	26.87	30	79	111	90	
Dibromofluoromethane	35.48	30	73	131	118	
Bromofluorobenzene	33.40	30	82	112	111	
1,2-Dichloroethane-d4	33.96	30	78	128	113	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	200	ug/l	NA	ND
TotalVolatileTic	200	ug/l	NA	ND

Sample ID: PZA-06 **Collection Date: 2/14/2017**
Lab#: AC96262-007 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.81	ND
2,4-Dimethylphenol	**1**	**ug/l**	**0.51**	**0.61**
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.51	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	**1**	**ug/l**	**0.51**	**5.1**
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.51	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.51	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.51	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.51	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.51	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.51	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	**1**	**ug/l**	**2.0**	**12**

Pyrene	1	ug/l	2.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	46.91	50	55	146	94	
Phenol-d5	45.20	100	27	115	45	
Nitrobenzene-d5	53.32	50	51	139	107	
2-Fluorophenol	38.18	100	29	113	38	
2-Fluorobiphenyl	46.75	50	53	129	93	
2,4,6-Tribromophenol	102.07	100	54	149	102	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
Benzene, methyl-	**1**	**ug/l**	**3.09**	**830J**
Butanoic acid, 3-methyl-	**1**	**ug/l**	**4.06**	**9.4J**
Benzene, ethyl-	**1**	**ug/l**	**4.29**	**500J**
Benzene, 1,3-dimethyl-	**1**	**ug/l**	**4.62**	**510J**
Hexanoic acid, 2-ethyl-	**1**	**ug/l**	**6.18**	**4.6J**
Cyclohexanecarboxylic acid	**1**	**ug/l**	**6.23**	**4.5J**
Benzenemethanol, 4-methyl-	**1**	**ug/l**	**6.32**	**4.5J**
Propanedioic acid, phenyl-	**1**	**ug/l**	**6.85**	**47J**
Benzoic acid, 3-methyl-	**1**	**ug/l**	**6.93**	**11J**
Benzoic acid, 4-methyl-	**1**	**ug/l**	**6.97**	**7.2J**
unknown	**1**	**ug/l**	**7.17**	**13J**
Benzenepropanoic acid	**1**	**ug/l**	**7.24**	**13J**
4-TOLUENESULFONAMIDE	**1**	**ug/l**	**8.8**	**6.8J**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**2000J**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	5	ug/l	5.0	ND
1,1,2,2-Tetrachloroethane	5	ug/l	5.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ug/l	5.0	ND
1,1,2-Trichloroethane	5	ug/l	5.0	ND
1,1-Dichloroethane	5	ug/l	5.0	ND
1,1-Dichloroethene	5	ug/l	5.0	ND
1,2,3-Trichlorobenzene	5	ug/l	5.0	ND
1,2,4-Trichlorobenzene	5	ug/l	5.0	ND
1,2-Dibromo-3-chloropropane	5	ug/l	5.0	ND
1,2-Dibromoethane	5	ug/l	5.0	ND
1,2-Dichlorobenzene	5	ug/l	5.0	ND
1,2-Dichloroethane	5	ug/l	2.5	ND
1,2-Dichloropropane	5	ug/l	5.0	ND
1,3-Dichlorobenzene	5	ug/l	5.0	ND
1,4-Dichlorobenzene	5	ug/l	5.0	ND
1,4-Dioxane	5	ug/l	250	ND
2-Butanone	5	ug/l	5.0	ND
2-Hexanone	5	ug/l	5.0	ND
4-Methyl-2-pentanone	5	ug/l	5.0	ND
Acetone	5	ug/l	25	ND
Benzene	5	ug/l	2.5	ND
Bromochloromethane	5	ug/l	5.0	ND
Bromodichloromethane	5	ug/l	5.0	ND
Bromoform	5	ug/l	5.0	ND
Bromomethane	5	ug/l	5.0	ND
Carbon disulfide	5	ug/l	5.0	ND
Carbon tetrachloride	5	ug/l	5.0	ND
Chlorobenzene	5	ug/l	5.0	ND
Chloroethane	5	ug/l	5.0	ND
Chloroform	5	ug/l	5.0	ND
Chloromethane	5	ug/l	5.0	ND
cis-1,2-Dichloroethene	**5**	**ug/l**	**5.0**	**9.1**
cis-1,3-Dichloropropene	5	ug/l	5.0	ND
Cyclohexane	5	ug/l	5.0	ND
Dibromochloromethane	5	ug/l	5.0	ND
Dichlorodifluoromethane	5	ug/l	5.0	ND
Ethylbenzene	**5**	**ug/l**	**5.0**	**1200**
Isopropylbenzene	5	ug/l	5.0	ND
m&p-Xylenes	**5**	**ug/l**	**5.0**	**4900**
Methyl Acetate	5	ug/l	5.0	ND

Sample ID: PZA-06 **Collection Date: 2/14/2017**
Lab#: AC96262-007 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Methylcyclohexane	5	ug/l	5.0	ND
Methylene chloride	5	ug/l	5.0	ND
Methyl-t-butyl ether	5	ug/l	2.5	ND
o-Xylene	**5**	**ug/l**	**5.0**	**1100**
Styrene	5	ug/l	5.0	ND
Tetrachloroethene	5	ug/l	5.0	ND
Toluene	**5**	**ug/l**	**5.0**	**2200**
trans-1,2-Dichloroethene	5	ug/l	5.0	ND
trans-1,3-Dichloropropene	5	ug/l	5.0	ND
Trichloroethene	5	ug/l	5.0	ND
Trichlorofluoromethane	5	ug/l	5.0	ND
Vinyl chloride	5	ug/l	5.0	ND
Xylenes (Total)	**5**	**ug/l**	**5.0**	**6000**

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.31	30	79	111	91	
Dibromofluoromethane	36.23	30	73	131	121	
Bromofluorobenzene	33.12	30	82	112	110	
1,2-Dichloroethane-d4	33.83	30	78	128	113	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	5	ug/l	NA	ND
TotalVolatileTic	5	ug/l	NA	ND

Sample ID: PZA-09 **Collection Date: 2/14/2017**
Lab#: AC96262-008 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.80	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND

Pyrene	1	ug/l	2.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	44.51	50	55	146	89	
Phenol-d5	33.80	100	27	115	34	
Nitrobenzene-d5	39.59	50	51	139	79	
2-Fluorophenol	43.93	100	29	113	44	
2-Fluorobiphenyl	36.21	50	53	129	72	
2,4,6-Tribromophenol	99.47	100	54	149	99	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalSemiVolatileTic	1	ug/l	NA	ND

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	**1**	**ug/l**	**0.50**	**1.4**
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND

Sample ID: PZA-09 **Collection Date: 2/14/2017**
Lab#: AC96262-008 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Xylenes (Total)	1	ug/l	1.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.91	30	79	111	93	
Dibromofluoromethane	34.18	30	73	131	114	
Bromofluorobenzene	33.24	30	82	112	111	
1,2-Dichloroethane-d4	33.82	30	78	128	113	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: EB-20170214 **Collection Date: 2/14/2017**
Lab#: AC96262-009 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.2	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.2	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	0.89	ND
2,4-Dimethylphenol	1	ug/l	0.56	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	0.56	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	0.56	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	0.56	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Acetophenone	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Atrazine	1	ug/l	2.2	ND
Benzaldehyde	1	ug/l	2.2	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	0.56	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Caprolactam	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	0.56	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	0.56	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	2.2	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	0.56	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.56	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND

Pyrene	1	ug/l	2.2		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	51.95	50	55	146	104	
Phenol-d5	47.10	100	27	115	47	
Nitrobenzene-d5	43.35	50	51	139	87	
2-Fluorophenol	59.76	100	29	113	60	
2-Fluorobiphenyl	46.52	50	53	129	93	
2,4,6-Tribromophenol	94.34	100	54	149	94	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalSemiVolatileTic	1	ug/l	NA	ND

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND

Sample ID: EB-20170214 **Collection Date: 2/14/2017**
Lab#: AC96262-009 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Xylenes (Total)	1	ug/l	1.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.38	30	79	111	98	
Dibromofluoromethane	35.99	30	73	131	120	
Bromofluorobenzene	31.25	30	82	112	104	
1,2-Dichloroethane-d4	34.64	30	78	128	115	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: BD-20170214 **Collection Date: 2/14/2017**
Lab#: AC96262-010 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Semivolatile Organics + 20 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	0.84	ND
2,4-Dimethylphenol	**1**	**ug/l**	**0.53**	**76**
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	**1**	**ug/l**	**0.53**	**2.8**
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	**1**	**ug/l**	**0.53**	**6.1**
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	0.53	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	**1**	**ug/l**	**2.1**	**14**
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	0.53	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	0.53	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	0.53	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND
Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND
Isophorone	1	ug/l	2.1	ND
Naphthalene	**1**	**ug/l**	**0.53**	**0.88**
Nitrobenzene	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.53	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND

Pyrene	1	ug/l	2.1	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	47.13	50	55	146	94	
Phenol-d5	40.59	100	27	115	41	
Nitrobenzene-d5	46.62	50	51	139	93	
2-Fluorophenol	22.76	100	29	113	23	Sa8
2-Fluorobiphenyl	47.96	50	53	129	96	
2,4,6-Tribromophenol	105.47	100	54	149	105	

Semivolatile Organics + 20 (8270) Library Searches

Analyte	DF	Units	RT	Result
Benzene, methyl-	**1**	**ug/l**	**3.09**	**350J**
Benzene, ethyl-	**1**	**ug/l**	**4.31**	**2400J**
Benzene, 1,2-dimethyl-	**1**	**ug/l**	**4.64**	**1400J**
Benzene, (1-methylethyl)-	**1**	**ug/l**	**4.9**	**38J**
1,3-Propanediol, 2,2-dimethyl-	**1**	**ug/l**	**4.95**	**11J**
Benzene, propyl-	**1**	**ug/l**	**5.16**	**14J**
Benzene, 1-ethyl-2-methyl-	**1**	**ug/l**	**5.21**	**26J**
Benzene, 1-ethyl-3-methyl-	**1**	**ug/l**	**5.24**	**9.7J**
Benzene, 1,3,5-trimethyl-	**1**	**ug/l**	**5.28**	**14J**
Benzene, 1,2,4-trimethyl-	**1**	**ug/l**	**5.47**	**38J**
Benzene, 1,2,3-trimethyl-	**1**	**ug/l**	**5.66**	**12J**
Benzaldehyde, 4-fluoro-	**1**	**ug/l**	**5.78**	**8.9J**
Benzenemethanol, .alpha.-methyl-	**1**	**ug/l**	**5.9**	**9.8J**
Phenol, 2,5-dimethyl-	**1**	**ug/l**	**6.17**	**5.9J**
Benzenemethanol, 4-methyl-	**1**	**ug/l**	**6.32**	**42J**
4-Hepten-3-one, 5-ethyl-2-methyl-	**1**	**ug/l**	**6.4**	**5.9J**
Phenol, 3-ethyl-	**1**	**ug/l**	**6.46**	**37J**
Phenol, 3,4-dimethyl-	**1**	**ug/l**	**6.59**	**9.2J**
Benzoic acid, 2-methyl-	**1**	**ug/l**	**6.82**	**7.8J**
unknown	**1**	**ug/l**	**7.18**	**6.0J**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**4400J**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	200	ug/l	200	ND
1,1,2,2-Tetrachloroethane	200	ug/l	200	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	200	ug/l	200	ND
1,1,2-Trichloroethane	200	ug/l	200	ND
1,1-Dichloroethane	200	ug/l	200	ND
1,1-Dichloroethene	200	ug/l	200	ND
1,2,3-Trichlorobenzene	200	ug/l	200	ND
1,2,4-Trichlorobenzene	200	ug/l	200	ND
1,2-Dibromo-3-chloropropane	200	ug/l	200	ND
1,2-Dibromoethane	200	ug/l	200	ND
1,2-Dichlorobenzene	200	ug/l	200	ND
1,2-Dichloroethane	200	ug/l	100	ND
1,2-Dichloropropane	200	ug/l	200	ND
1,3-Dichlorobenzene	200	ug/l	200	ND
1,4-Dichlorobenzene	200	ug/l	200	ND
1,4-Dioxane	200	ug/l	10000	ND
2-Butanone	200	ug/l	200	ND
2-Hexanone	200	ug/l	200	ND
4-Methyl-2-pentanone	200	ug/l	200	ND
Acetone	200	ug/l	1000	ND
Benzene	200	ug/l	100	ND
Bromochloromethane	200	ug/l	200	ND
Bromodichloromethane	200	ug/l	200	ND
Bromoform	200	ug/l	200	ND
Bromomethane	200	ug/l	200	ND
Carbon disulfide	200	ug/l	200	ND
Carbon tetrachloride	200	ug/l	200	ND
Chlorobenzene	200	ug/l	200	ND
Chloroethane	200	ug/l	200	ND
Chloroform	200	ug/l	200	ND
Chloromethane	200	ug/l	200	ND
cis-1,2-Dichloroethene	200	ug/l	200	ND
cis-1,3-Dichloropropene	200	ug/l	200	ND

Sample ID: BD-20170214 **Collection Date: 2/14/2017**
Lab#: AC96262-010 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Cyclohexane	200	ug/l	200	ND
Dibromochloromethane	200	ug/l	200	ND
Dichlorodifluoromethane	200	ug/l	200	ND
Ethylbenzene	**200**	**ug/l**	**200**	**6100**
Isopropylbenzene	200	ug/l	200	ND
m&p-Xylenes	**200**	**ug/l**	**200**	**23000**
Methyl Acetate	200	ug/l	200	ND
Methylcyclohexane	200	ug/l	200	ND
Methylene chloride	200	ug/l	200	ND
Methyl-t-butyl ether	200	ug/l	100	ND
o-Xylene	**200**	**ug/l**	**200**	**3500**
Styrene	200	ug/l	200	ND
Tetrachloroethene	200	ug/l	200	ND
Toluene	**200**	**ug/l**	**200**	**910**
trans-1,2-Dichloroethene	200	ug/l	200	ND
trans-1,3-Dichloropropene	200	ug/l	200	ND
Trichloroethene	200	ug/l	200	ND
Trichlorofluoromethane	200	ug/l	200	ND
Vinyl chloride	200	ug/l	200	ND
Xylenes (Total)	**200**	**ug/l**	**200**	**26000**

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	28.12	30	79	111	94	
Dibromofluoromethane	35.96	30	73	131	120	
Bromofluorobenzene	28.89	30	82	112	96	
1,2-Dichloroethane-d4	33.13	30	78	128	110	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	200	ug/l	NA	ND
TotalVolatileTic	200	ug/l	NA	ND

Sample ID: TB-20170215 **Collection Date: 2/14/2017**
Lab#: AC96262-011 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	31.06	30	79	111	104	
Dibromofluoromethane	35.30	30	73	131	118	
Bromofluorobenzene	29.00	30	82	112	97	
1,2-Dichloroethane-d4	35.77	30	78	128	119	

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: SOIL-WC-20170215 **Collection Date: 2/15/2017**
Lab#: AC96262-012 **Receipt Date: 2/16/2017**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**81**

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	**1**			**NA**
Flame Propagation (POS/NEG)	**1**			**NA**
Ignitability Screen (POS/NEG)	**1**			**NEG**

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.031	ND
Aroclor-1016	1	mg/kg	0.031	ND
Aroclor-1221	1	mg/kg	0.031	ND
Aroclor-1232	1	mg/kg	0.031	ND
Aroclor-1242	1	mg/kg	0.031	ND
Aroclor-1248	1	mg/kg	0.031	ND
Aroclor-1254	1	mg/kg	0.031	ND
Aroclor-1260	1	mg/kg	0.031	ND
Aroclor-1262	1	mg/kg	0.031	ND
Aroclor-1268	1	mg/kg	0.031	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	87.94	100	37	141	88	
TCMX-Surrogate	90.12	100	37	141	90	
DCB-Surrogate	83.34	100	34	146	83	
DCB-Surrogate	93.20	100	34	146	93	

pH 9040C/9045D

Analyte	DF	Units	RL	Result
pH	**1**	**ph**		**9.4**

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Herbicides 8151

Analyte	DF	Units	RL	Result
2,4-D	1	mg/l	0.0050	ND
Silvex	1	mg/l	0.0050	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Dcaa-Surrogate	1121.64	1000	31	151	112	
Dcaa-Surrogate	1252.82	1000	31	151	125	

TCLP Metals 6010

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.36**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	1	mg/l	0.050	ND
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TCLP Pesticides 8081

Analyte	DF	Units	RL	Result

Sample ID: SOIL-WC-20170215 **Collection Date: 2/15/2017**
Lab#: AC96262-012 **Receipt Date: 2/16/2017**
Matrix: Soil

Chlordane (Technical)	1	mg/l	0.0010	ND	
Endrin	1	mg/l	0.00010	ND	
gamma-BHC	1	mg/l	0.00010	ND	
Heptachlor	1	mg/l	0.00010	ND	
Heptachlor Epoxide	1	mg/l	0.00010	ND	
Methoxychlor	1	mg/l	0.00010	ND	
Toxaphene	1	mg/l	0.0025	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	74.53	100	39	132	75	
TCMX-Surrogate	74.88	100	39	132	75	
DCB-Surrogate	123.84	100	39	142	124	
DCB-Surrogate	104.69	100	39	142	105	

TCLP Semivolatiles 8270

Analyte	DF	Units	RL	Result
2,4,5-Trichlorophenol	1	mg/l	0.0080	ND
2,4,6-Trichlorophenol	1	mg/l	0.0080	ND
2,4-Dinitrotoluene	1	mg/l	0.0080	ND
2-Methylphenol	1	mg/l	0.0020	ND
3&4-Methylphenol	1	mg/l	0.0020	ND
Hexachlorobenzene	1	mg/l	0.0080	ND
Hexachlorobutadiene	1	mg/l	0.0080	ND
Hexachloroethane	1	mg/l	0.0080	ND
Nitrobenzene	1	mg/l	0.0080	ND
Pentachlorophenol	1	mg/l	0.014	ND
Pyridine	1	mg/l	0.024	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	56.65	50	55	146	113	
Phenol-d5	65.96	100	27	115	66	
Nitrobenzene-d5	49.23	50	51	139	98	
2-Fluorophenol	76.52	100	29	113	77	
2-Fluorobiphenyl	49.98	50	53	129	100	
2,4,6-Tribromophenol	97.08	100	54	149	97	

TCLP Volatiles 8260

Analyte	DF	Units	RL	Result
1,1-Dichloroethene	1	mg/l	0.0010	ND
1,2-Dichloroethane	1	mg/l	0.00050	ND
1,4-Dichlorobenzene	1	mg/l	0.0010	ND
2-Butanone	1	mg/l	0.0010	ND
Benzene	1	mg/l	0.00050	ND
Carbon tetrachloride	1	mg/l	0.0010	ND
Chlorobenzene	1	mg/l	0.0010	ND
Chloroform	1	mg/l	0.0010	ND
Tetrachloroethene	1	mg/l	0.0010	ND
Trichloroethene	1	mg/l	0.0010	ND
Vinyl chloride	1	mg/l	0.0010	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	28.02	30	79	111	93	
Dibromofluoromethane	29.53	30	73	131	98	
Bromofluorobenzene	32.05	30	82	112	107	
1,2-Dichloroethane-d4	29.34	30	78	128	98	

Sample ID: WATER-WC-20170215 **Collection Date: 2/15/2017**
Lab#: AC96262-013 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Flash Point 1010

Analyte	DF	Units	RL	Result
Flash Point	**1**	**deg. f**		**>141**

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND
Aroclor-1262	1	ug/l	0.25	ND
Aroclor-1268	1	ug/l	0.25	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	75.84	100	39	132	76	
TCMX-Surrogate	75.86	100	39	132	76	
DCB-Surrogate	87.04	100	39	142	87	
DCB-Surrogate	87.07	100	39	142	87	

pH (SM4500-H+ B-00)

Analyte	DF	Units	RL	Result
pH	**1**	**ph**		**7.2**

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Herbicides 8151

Analyte	DF	Units	RL	Result
2,4-D	1	mg/l	0.0050	ND
Silvex	1	mg/l	0.0050	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Dcaa-Surrogate	1194.63	1000	31	151	119	
Dcaa-Surrogate	1370.32	1000	31	151	137	

TCLP Metals 6010

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	1	mg/l	0.25	ND
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	1	mg/l	0.050	ND
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TCLP Pesticides 8081

Analyte	DF	Units	RL	Result
Chlordane (Technical)	1	mg/l	0.0010	ND
Endrin	1	mg/l	0.00010	ND
gamma-BHC	1	mg/l	0.00010	ND
Heptachlor	1	mg/l	0.00010	ND
Heptachlor Epoxide	1	mg/l	0.00010	ND
Methoxychlor	1	mg/l	0.00010	ND
Toxaphene	1	mg/l	0.0025	ND

Sample ID: WATER-WC-20170215 **Collection Date: 2/15/2017**
Lab#: AC96262-013 **Receipt Date: 2/16/2017**
Matrix: Aqueous

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	74.67	100	39	132	75	
TCMX-Surrogate	76.89	100	39	132	77	
DCB-Surrogate	104.63	100	39	142	105	
DCB-Surrogate	86.42	100	39	142	86	

TCLP Semivolatiles 8270

Analyte	DF	Units	RL	Result
2,4,5-Trichlorophenol	1	mg/l	0.0080	ND
2,4,6-Trichlorophenol	1	mg/l	0.0080	ND
2,4-Dinitrotoluene	1	mg/l	0.0080	ND
2-Methylphenol	**1**	**mg/l**	**0.0020**	**0.057**
3&4-Methylphenol	**1**	**mg/l**	**0.0020**	**0.017**
Hexachlorobenzene	1	mg/l	0.0080	ND
Hexachlorobutadiene	1	mg/l	0.0080	ND
Hexachloroethane	1	mg/l	0.0080	ND
Nitrobenzene	1	mg/l	0.0080	ND
Pentachlorophenol	1	mg/l	0.040	ND
Pyridine	1	mg/l	0.024	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	41.91	50	55	146	84	
Phenol-d5	47.92	100	27	115	48	
Nitrobenzene-d5	37.99	50	51	139	76	
2-Fluorophenol	40.44	100	29	113	40	
2-Fluorobiphenyl	37.81	50	53	129	76	
2,4,6-Tribromophenol	89.67	100	54	149	90	

TCLP Volatiles 8260

Analyte	DF	Units	RL	Result
1,1-Dichloroethene	1	mg/l	0.0010	ND
1,2-Dichloroethane	1	mg/l	0.00050	ND
1,4-Dichlorobenzene	1	mg/l	0.0010	ND
2-Butanone	1	mg/l	0.0010	ND
Benzene	**1**	**mg/l**	**0.00050**	**0.0062**
Carbon tetrachloride	1	mg/l	0.0010	ND
Chlorobenzene	1	mg/l	0.0010	ND
Chloroform	1	mg/l	0.0010	ND
Tetrachloroethene	**1**	**mg/l**	**0.0010**	**0.015**
Trichloroethene	**1**	**mg/l**	**0.0010**	**0.0026**
Vinyl chloride	**1**	**mg/l**	**0.0010**	**0.0028**

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	30.47	30	79	111	102	
Dibromofluoromethane	29.32	30	73	131	98	
Bromofluorobenzene	30.01	30	82	112	100	
1,2-Dichloroethane-d4	30.57	30	78	128	102	

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175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
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CHAIN OF CUSTODY RECORD

Project# (Lab Use Only): 7021701

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Deliv.
5 Day	Category B ~~NJ-B~~ Full	NYSDEC EDD Format & Excel & PDF.

Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: HDR
Address: One International Blvd, 10th floor
Mahwah, NJ 07495
1b) Email/Cell/Fax/Ph: 201-335-9300
1c) Send Invoice to: Ed Schwetz
1d) Send Report to: Ed Schwetz

Project Information

2a) Project: Con Ed NFST
2b) Project Mgr: Ed Schwetz
2c) Project Location (City/State): Brooklyn, NY
2d) Quote/PO # (If Applicable): 10053818

FOR LAB USE ONLY ↓
Batch # AC96262

Check If Contingent ===>

Matrix Codes
DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9. Comments)

7) Analysis Request

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Preservative: Composite (C)	Preservative: Grab (G)	VOCs: HCl	SVOCs: NONE	TCLP VOC's: NONE	TCLP Full RIC: NONE	TCLP VOC's: HCl	TCLP SVOC's AQ: NONE	TCLP metals AQ: NONE	8) # of Bottles							Other:	9) Comments
001	MW-4	GW	2/15/17	0955		X	3	2						3	2							
002	MW-10	GW	2/14/17	1455		X	3	2						3	2							HS 81.9
003	MW-12	GW	2/15/17	0835		X	3	2						3	2							HS 119.3
004	MW-14	GW	2/15/17	1055		X	3	2						3	2							
005	SMW-A	GW	2/14/17	1215		X	3	2						3	2							HS 8.9
006	SMW-C	GW	2/14/17	0925		X	3	2						3	2							HS 18.7
007	PZA-06	GW	2/14/17	1110		X	3	2						3	2							HS 8.3
008	PZA-09	GW	2/14/17	1335		X	3	2						3	2							
009	EB-20170214	W	2/14/17	0935		X	3	2						3	2							
010	BD-20170214	GW	2/14/17	1225		X	3	2						3	2							

10) Relinquished by:	Accepted by:	Date	Time
		2/16/17	12:01
		2/16/17	16:46

Comments, Notes, Special Requirements, HAZARDS

Note: Check if low-level groundwater methods required to meet current standards in NJ or PA:
- ☐ BN or BNA (8270C SIM)
- ☐ VOC (8260B SIM or 8011)
- ☐ Metals (ICP-MS 200.8 or 6020)
- ☐ Metals-Soil (ICP-MS 6020 for Be & Ag)

Note: Check if applicable:
- ☐ Project-Specific Reporting Limits
- ☐ High Contaminant Concentrations
- ☐ NJ LSRP Project

Cooler Temperature: 2.6/2.4

Additional Notes:
Need 3 more PZA bottles for samples provided in column.
HS = Head Space

11) Sampler (print name): Matthew Papula Date: 15-Feb-2017

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

HamptonClarke-Veritech Laboratories
175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
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CHAIN OF CUSTODY RECORD

Project# (Lab Use Only): 702701

Customer Information

1a) Customer: HDR
Address: One International Blvd, 10th floor
Mahwah, NJ 07495
1b) Email/Cell/Fax/Ph: 201-335-9300
1c) Send Invoice to: Ed Schwetz
1d) Send Report to: Ed Schwetz

Project Information

2a) Project: Con Ed NFST
2b) Project Mgr: Ed Schwetz
2c) Project Location (City/State): Brooklyn, NY
2d) Quote/PO # (If Applicable): 10053818

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Deliv.
5 Day	Category B ~~NJ B~~ Full	NYSDEC EDD Format & Excel & PDF

Expedited TAT Not Always Available. Please Check with Lab.

FOR LAB USE ONLY

Batch # ACSC262

Matrix Codes
DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9, Comments)

Check If Contingent ===>

7) Analysis Request

<=== Check If Contingent

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Preservative: Composite (C)	Preservative: Grab (G)	VOCs (HCl)	SVOCs (NONE)	TCLP VOC's (NONE)	TCLP Full RIC (NONE)	TCLP VOC's (HCl)	TCLP SVOC's AQ (NONE)	TCLP metals AQ (NONE)	TCLP Pest AQ	TCLP Herbicides AQ	RCN/RS	Corrosivity, Flash Point	8) # of Bottles							Other:	9) Comments
011	TB-20170215	W	2/15/17			X	3											3							
012	Soil-WC-20170215	S	2/15/17	0815	X				1	1									2						
013	Water-WC-20170215	~~WW~~ GW	2/15/17	1115	X						3	2	1	2	2	1	1	3	9						
		GW																							

10) Relinquished by:	Accepted by:	Date	Time
		2.16.17	1021
		2/16/17	16:46

Comments, Notes, Special Requirements, HAZARDS

Note: Check if low-level groundwater methods required to meet current standards in NJ or PA:
- ☐ BN or BNA (8270C SIM)
- ☐ VOC (8260B SIM or 8011)
- ☐ Metals (ICP-MS 200.8 or 6020)
- ☐ Metals-**Soil** (ICP-MS 6020 for Be & Ag)

Note: Check if applicable:
- ☐ **Project-Specific Reporting Limits**
- ☐ **High Contaminant Concentrations**
- ☐ **NJ LSRP Project**

Additional Notes

Cooler Temperature: 2.6/2.4

11) Sampler (print name): Matthew Papula Date: 15-Feb-2017

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

North First Street Terminal - Parcel II

Site Investigation Report

Williamsburg, Brooklyn, New York

November 2015

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I Edward Schwetz, PG _____certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

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1 Introduction

On behalf of Consolidated Edison Company of New York, Inc. (Con Edison), Henningson, Durham and Richardson Architecture and Engineering, P.C. (HDR) has performed a Site Investigation to provide an update of the subsurface conditions of Parcel II (the Site) at the former North First Street Terminal (NFST) Major Oil Storage Facility (MOSF) in Williamsburg, Brooklyn, NY (Figure 1). The investigation was performed in accordance with the Site Investigation Work Plan prepared by HDR, dated June 5, 2015, and approved by Con Edison on June 10, 2015.

Parcel II is the location of the former #6 fuel oil storage Complex A, also known as the South Complex, of the NFST MOSF (Figure 2). The MOSF was decommissioned in 2012. New York State Department of Environmental Conservation (NYSDEC) issued a letter dated July 24, 2012 indicating no further action was required in relation to the former MOSF (MOSF No. 2-1480). However, the letter did note elevated concentrations of the Volatile Organic Compounds (VOCs) toluene, xylene, and acetone at Complex A, apparently related to the Fyn Paint & Lacquer Company (Fyn Paint) facility located on a nearby property. The Fyn Paint property, located at 230 Kent Avenue, is hydrogeologically and topographically up-gradient of the Site. Figure 2 shows the location of the Site in relation to the Fyn Paint property.

1.1 Objective

The objective of this investigation was to delineate, to the extent possible and within the scope, the vertical and horizontal extent of the volatile organic compound (VOC) contamination at the Site apparently emanating from the Fyn Paint property. This investigation also provides an update of previous environmental investigations associated with the NFST MOSF closure, which showed the Site has been impacted by the former Fyn Paint factory, specifically at the southeast corner of the Site, directly downgradient from the former paint factory.

This Site Investigation was based on NYSDEC approved elements of the March 2013 Supplemental Remedial Investigation Work Plan (SRIWP) prepared by Leggette, Brashears & Graham, Inc. (LBG) on behalf of Fyn Paint as part of the Fyn Paint Voluntary Cleanup Agreement (VCA) associated with the Fyn Paint site. Under the VCA, NYSDEC designated Parcel II as a separate Operable Unit (OU), identified as OU-2. The LBG SRIWP was prepared to delineate the extent of VOC contamination and to estimate the hydrogeologic properties, develop a conceptual model of groundwater flow and to determine the contaminant migration fate and transport at the Site. Activities proposed in LBG's SRIWP included temporary groundwater well installations, slug testing to estimate hydrogeologic properties, interceptor trench conceptual design, and permanent groundwater monitoring well installation to provide sampling points, monitor the contaminant migration and effectiveness of implemented remedial measures. LBG's SRIWP was never implemented, and HDR understands that NYSDEC terminated the Fyn Paint VCA in November 2014. HDR also understands that a prospective purchaser entered the Fyn Paint parcel into the NYSDEC Brownfield Cleanup Program (BCP) as a Volunteer on March 5, 2015.

Information gathered during this investigation will be used to assist in the future determinations of Site end use. For evaluation purposes, this Site Investigation Report (SIR) compares analytical results with the DEC Part 375 Restricted Residential Use and Protection of Groundwater Soil Cleanup Objectives (SCOs).

1.2 Site Overview

Parcel II is in a predominately mixed residential and commercial community. Historically, the Site vicinity was predominantly manufacturing, but in recent years manufacturing areas have been rezoned. Residences are now located to the north of Parcel I (Complex B, situated north of Metropolitan Avenue), across North Third Street. Commercial and light manufacturing properties northeast of the Site (across River Street from Parcel I) have recently been displaced. To the east of Parcel II is a closed paint factory known as the Fyn Paint parcel for which a prospective purchaser was admitted into the BCP as a Volunteer on March 5, 2015. A New York Power Authority (NYPA) Gas Turbine Generation Station is located to the south of Parcel II, across North First Street. The East River is to the west of Parcel II.

Based on the engineering drawings prepared by Leonard B. Goldman, P.E., Consulting Engineer, dated October 4, 1963; Parcel II (Former Complex A) consisted of three tanks with the following capacities:

- T-100 – 6,000,000 gallons
- T-200 – 2,325,000 gallons
- T-300 – 6,000,000 gallons

1.3 Previous Investigations

In 2011, HDR conducted a Site Investigation of the MOSF perimeter by advancing borings along the east, north and south sides of both Complex A and B. For this investigation, 18 soil borings were advanced to assess subsurface conditions. Soil samples were collected and analyzed for VOCs, Semi-Volatile Organic Compounds (SVOCs), and metals. A subset of these samples was analyzed for PCBs and pesticides. Results were compared to the NYSDEC Part 375 SCOs. No groundwater samples were collected during this investigation.

Analytical results show that the SVOCs appeared to be related to urban fill and did not appear to be associated with No. 6 fuel oil. No apparent indication of impacts to soil caused by leakage from any of the tanks, ancillary piping, accidental discharges or other Site activities was observed. However, impacted soil was encountered in subsurface soil at the perimeter of the Complex A tank farm, in proximity to the upgradient Fyn Paint property. Acetone was detected at concentrations exceeding the NYSDEC Part 375 Unrestricted Use SCOs in two samples. The presence of acetone in the soil suggests migration of impacted groundwater is occurring from the upgradient source at the Fyn Paint facility. Migration of impacted groundwater is further supported by the historical groundwater sample results of monitoring wells installed along the east and south sides of Complex A, where toluene, ethylbenzene, xylenes and other paint manufacturing related chemicals have been detected. This investigation and the associated analytical

results are documented in the Site Investigation Report (HDR 2011), which is included as Appendix A.

In 2012, HDR conducted a "Footprint" investigation to assess the environmental conditions directly under the concrete footprint of the MOSF Complexes A and B. As part of this "Footprint" investigation, a surface soil assessment as well as deeper subsurface soils assessment was completed after the demolition of the tank complexes. Based on DEC DER-10 guidance, 42 sample locations were advanced during the 2012 "Footprint" Site Investigation. HDR also installed 9 temporary piezometers within the footprint of the former tank complexes to assess the groundwater conditions beneath the former tank farm. Five piezometers were installed in Complex A and 4 piezometers were installed in Complex B.

Results of the Footprint Investigation concluded that the Site soil consists of urban fill. Analytical data for VOCs, SVOCs, pesticides, Polychlorinated Biphenyls (PCBs) and metals were generally consistent with the chemical composition of urban fill or associated with creosote treated wood piles, which exist at Complex B only (concrete piles supported the Complex A tank farm). At the Site (Complex A), there appears to be two primary areas where elevated chemical constituent concentrations were detected. One area is at the southeast corner of the complex, near the intersection of North First Street and River Street.

In the southeast area of the Site, VOCs apparently have migrated from the Fyn Paint facility and impacted this area. Concentrations of ethylbenzene, toluene and total xylenes were detected in the double to triple digit milligram per kilogram (mg/kg)/part per million (ppm) range in the 2012 subsurface soil sample (FP A-3) collected at the water table in this area. Based on the results of the 2012 soil samples collected from the surrounding borings (FP A-2, FP A-4, and FP A-5), the impacted area did not appear to extend far onto the Site.

The second impacted area of the Site is near the East River, at the northwest corner of Complex A. This area appeared to be impacted by poly aromatic hydrocarbons (PAHs) as evidenced by certain SVOCs exceeding the Unrestricted Use SCOs in subsurface soil samples. A separate fill source from the remainder of Complex A was the suspected source as no other sample locations within Complex A had PAH concentrations on this order of magnitude. The investigation and results are documented in the Site Investigation Report, Second Phase, "Footprint Investigation", HDR, June 2012, which is included as Appendix B.

2 Parcel II Investigation

This Investigation was completed to supplement/update the "Footprint" Investigation for Complex A in 2012 and was conducted in accordance with the DEC-approved Work Plan, with the following two modifications:

- one additional (ninth) borehole and temporary well point was installed at the request of Con Edison.
- an additional Quality Assurance (QA) sample, a trip blank, was submitted for analyses to comply with the sample frequency stated in the work scope

Borehole and temporary monitoring piezometer locations are shown on Figure 3.

In addition to the approved work plan, the investigation was also completed in accordance with the site specific Health and Safety Plan (HASP), which was approved by Con Edison prior to the start of the field activities.

On July 23, 2015, a kick off meeting was held with representatives from Con Edison and HDR participating. During this meeting, nine borehole locations were identified and tentatively marked in the field with pin flags. These locations were considered tentative pending the results of a geophysical survey and subsurface utility clearance ("soft dig") activities associated with the site investigation.

The field activities consisted of three primary tasks:

- utility mark-out, survey and hand clearing;
- soil borings with sampling and temporary monitoring well installation; and
- groundwater sampling.

Each task is discussed below.

2.1 Utility Mark-Out and Soft Dig

Prior to the mobilization of drilling equipment, HDR contracted a private utility mark-out contractor, Diversified Geophysics (Diversified) of Mineola, New York, to mark out utilities and other potential underground anomalies within the work area. On July 28, 2015, Diversified mobilized to the Site to implement the geophysical investigation. Diversified employed ground penetrating radar (GPR) technology and a 3M Dynatel® 2250M-iD Cable/Pipe Locator to locate subsurface obstructions/anomalies. A series of parallel traverses, in both the north/south and east/west directions were established and detected targets were marked in the field using paint and or pin flags. Due to the presence of historic tank support piles in the areas near some proposed borehole locations, three boreholes were offset approximately 18 inches from their original locations to areas clear of the subsurface obstructions.

Other than concrete piles to support the former Tank Complex A (several of which were visible at ground surface, no subsurface anomalies were identified during the

geophysical survey. Therefore, a map showing the locations of the subsurface anomalies was not prepared.

As an added precaution and part of the Con Edison intrusive investigation program, the upper 5 feet of each soil boring was excavated using non-mechanical methods to confirm the absence of utilities (soft dig). Aquifer Drilling & Testing, Inc. (ADT) was contracted to provide soft dig services in advance of the drilling operations. Before intrusive work commenced, ADT initiated the One Call notification system as required by New York State Code Rule 753-3.2. ADT's hand clearing crew mobilized to the Site on July 30, 2015 to clear 9 borehole locations using vacuum and hand dig techniques prior to intrusive activities. Each location was cleared to a depth of five feet below ground surface (bgs) with the exception of two borehole locations, PZ A-07 ALT and PZ A-11 (Figure 3). Soft digging at PZ A-07 ALT was terminated at 4.4 feet bgs when the water table was encountered, while clearance activities at PZ A-11 met refusal at 3.7 feet bgs on subsurface construction and demolition debris. Additional attempts at clearing these locations were not pursued, with Con Edison concurrence.

During soft digging intrusive activities, HDR screened the headspace above the excavation to monitor for organic vapors using a Rae Systems MultiRae 2000 photoionization detector (PID) with a 10.6 eV lamp. Elevated PID readings were not detected during the soft digging operation, with the exception of monitoring the headspace at PZ A-06. This location is near the southeast corner of the Site, where VOC impacts were previously identified.

Soils were classified during soft dig activities and recorded on boring logs (Appendix C). Typically, soils above the water table consisted of silty sands with varying amounts of brick, asphalt, concrete, gravel and cobbles. Upon completion of each borehole, each hole was backfilled with the cuttings removed from that location, including the material removed from the PZ A-06 location as no PID readings or odors were noted in the top 5 feet. Each location was then marked with fluorescent green flagging for future borehole advancement/documentation of the location using Differential Global Positioning System (DGPS).

2.2 Soil Borings

On August 3 and 4, 2015, ADT mobilized a Geoprobe® 7720 track mounted direct push technology drill rig to the Site for the advancement of 9 boreholes (Figure 3) to characterize subsurface soil conditions and allow for the collection of soil samples for laboratory analysis. All borings were advanced continuously in five-foot increments using a 2-inch diameter Macrocore® barrel with dedicated PVC liners. Each borehole was advanced to 15 feet bgs, with the exception of PZ A-08 ALT, which meet refusal at 10 feet bgs.

An HDR environmental scientist was on-Site during the drilling activities to log soils and collect soil samples for laboratory analyses. Upon collection, samples were immediately screened with the PID to assess whether organic vapors were present. If organic vapors were noted, a sample of that interval representing a worst case situation could be collected for laboratory analyses. Soils from each boring were then described in accordance with the Unified Soil Classification System (USCS) for material type and composition, color, grain size and distribution, depth to water, visual or olfactory

evidence of contamination, as well as any other distinctive characteristics. This information was documented on boring logs which are included as Appendix C.

Subsurface material observed during the drilling operations were described as fine to medium sands with varying amounts of silts, clays and debris such as brick, concrete coal, ash, wood and glass. Approximate depths to groundwater ranged from 5.5 to 8 feet bgs.

Soil cuttings generated during the subsurface investigation were containerized in a DOT approved 55-gallon drum and staged on site for waste characterization sampling and subsequent off-site disposal. On August 4, 2015, soil cuttings were sampled for waste characterization parameters. Results of the waste characterization were forwarded to Con Edison on September 14, 2015 and the waste was removed by Con Edison on September 21, 2015 for subsequent disposal.

2.2.1 Soil Sampling and Analysis

As part of this Site investigation, 9 subsurface soil samples were collected. One sample from each boring was retained from either the depth which exhibited the highest PID reading or the interval directly above the water table. Soils for analysis were transferred from dedicated PVC liners directly into laboratory provided glassware. Each container was then labeled with the appropriate sample identification number and sample depth, the analytical parameters to be analyzed, the date and time of sampling, as well as the field personnel who collected the samples. Sample containers were then placed in a cooler with ice and sent under chain of custody protocol to TestAmerica, Inc., Shelton, CT, a NYSDOH certified laboratory, via laboratory-provided courier. Soil samples submitted to the laboratory were analyzed for VOCs using EPA Method 8260C. Additionally, quality assurance/quality control (QA/QC) samples including field blanks (1 per day), trip blanks (1 per sample shipment), and duplicates (1 per 20 samples collected) were collected and submitted for laboratory analysis of VOCs using EPA Method 8260C.

Due to a laboratory provided courier error, three samples were analyzed outside of holding times. One sample was less than 1 hour out of holding time and the two other samples were about 10 and 11 hours outside hold times. Samples were maintained at the appropriate temperature despite the lab error so the analytical results are not expected to be compromised.

Upon completion of each borehole, all sampling equipment (e.g., Macrocore® sampler) was decontaminated with an Alconox and tap water wash, followed by a de-ionized or distilled water rinse. Drill cuttings were placed in a DOT-rated drum for subsequent waste characterization sampling and off Site disposal. Soil from one borehole (PZ A-06) showed evidence of a potential impact with a heavy sheen and elevated PID readings noted on the soils.

2.3 Temporary Piezometer Installation

Upon reaching the termination depth for each borehole, a 10 foot length of 1 inch diameter polyvinyl chloride (PVC), 0.002 inch slot screen coupled to a PVC riser section was placed in the borehole such that the screened section of each piezometer

intersected the groundwater table and the finished height of each well was 2-3 feet above the ground surface. The annular space around the well was backfilled with well-grade type sand to a minimum of two feet above the well screen. The space above the sand pack was completed with a bentonite seal. Each piezometer was finished off with a compression fit plug. Piezometer construction logs documenting the construction details are included as Appendix D. Locations of the piezometers are shown on Figure 3.

Following installation, the nine temporary piezometers were developed on August 5, 2015, using a peristaltic pump with dedicated tubing. During development, the piezometers were periodically surged in an attempt to remove fine grained sediments that may have been entrained within the borehole. During purging, the discharge water was periodically screened using a turbidity meter. Well development for each well continued until the water was less than 50 nephelometric turbidity units (NTUs) or for duration of one hour, whichever occurred first. Development water was containerized and staged in DOT-rated 55 gallon drums on-Site for future characterization and off-site disposal.

2.3.1 Groundwater Sampling and Analysis

Upon completion of groundwater gauging, one groundwater sample was collected from each of the nine piezometers. Sampling occurred on August 26 and 27, 2015. Dedicated ¼-inch, inside diameter (ID) low density polyethylene (LDPE) tubing was placed into each temporary piezometer and connected to a variable speed peristaltic pump utilizing laboratory-grade silicone tubing. HDR sampled the newly installed piezometer via EPA Region II low flow sampling methods with one modification: turbidity was considered stable at three consecutive readings within 10 percent deviation *or three consecutive readings below 10 NTUs*. Well Sampling logs are included as Appendix E.

Once stable conditions were reached, groundwater samples were collected and placed directly into laboratory supplied glassware. Each container was then labeled with the appropriate sample identification number, parameters to be analyzed, date and time, as well as the field personnel who collected the samples. Sample containers were then placed in a cooler with ice and sent under chain of custody protocol to TestAmerica, Inc., in Shelton, CT, a NYSDOH certified laboratory, via laboratory-provided courier.

Purged water was collected in a five gallon pail and subsequently transferred into DOT-rated 55 gallon drums with the well development water. Following groundwater sampling, a waste classification sample of the development and purge water was collected and submitted to TestAmerica for analyses. Waste characterization samples were collected on August 27, 2015.

All groundwater samples were analyzed for VOCs using EPA Method 8260C, chloride, and salinity. QA/QC sampling including field blanks (1 per day), trip blanks (1 per sample shipment) and a duplicates (1 per 20 samples) were also collected for VOCs and sent to TestAmerica for analysis.

3 Analytical Results

3.1 Soil

Analytical results of the samples collected during this Investigation were compared to NYSDEC Part 375 Soil Cleanup Objectives (SCOs) for Restricted Residential Use and Protection of Groundwater. Based on the laboratory analytical results of the 9 samples, the soils across the Site generally appear consistent. However, exceedances of certain potential future use SCOs are reported.

A summary of the analytical results is included as Table 1 and on Figure 4. The laboratory analytical data package is provided as Appendix F.

One sample, PZ A-06 (6') was reported to have concentrations above the Part 375 Restricted Residential Use and Protection of Groundwater SCOs. Concentrations of three compounds, ethylbenzene (22 mg/kg), total xylene (135 mg/kg), and toluene (2.3 mg/kg) exceeded the Protection of Groundwater Use SCOs of 1 mg/kg, 1.6 mg/kg, and 0.7 mg/kg, respectively for this sample. Total xylene (135 mg/kg) was the only VOC detected at a concentration that exceeded the Restricted Residential Use SCOs. The total xylene concentration of 135 mg/kg detected in the soils at the PZ A-06 location was above the Restricted Residential SCO of 100 mg/kg. The ethylbenzene, total xylenes, and toluene concentrations detected at this location are likely attributable to contamination migrating from the Fyn Paint facility to the east.

With one exception, no other compounds were detected in any other borings in excess of the Restricted Residential or Protection of Groundwater SCOs. Acetone was detected in the PZ A-09 (6.5) Dup sample at 0.098 mg/kg. The Protection of Groundwater SCO for acetone is 0.05 mg/kg. However, acetone was detected in the parent sample, PZ A-09 (6.5') at 0.019 mg/kg, which is below the Protection of Groundwater and Restricted Residential Use SCOs.

3.2 Groundwater

To assess groundwater quality and further delineate the impacted groundwater at Parcel II, 9 temporary piezometers were installed for groundwater sampling. A summary of the analytical data is included as Table 2. Analytical data packages are provided as Appendix F. Figure 5 shows the analytical data associated with the sample locations.

Analytical results show that 10 VOCs were detected in Site groundwater above applicable TOGS 1.1.1 GWQS or guidance values. Cis 1,2-dichloroethene, vinyl chloride, 1,1-Dichloroethane, isopropylbenzene, trichloroethene, methyl tert butyl ether (MTBE), benzene, ethylbenzene, total xylenes and toluene were the VOCs detected above the GWQS or guidance values at Parcel II. Toluene, ethylbenzene, and total xylenes were detected in concentrations that are four orders of magnitude above the GWQS and guidance values. These VOCs are typically not indicative of No. 6 fuel oil, especially at these concentrations. The origin of these compounds is likely associated with the Fyn Paint and Lacquer site, which is upgradient of Parcel II. During the Fyn

Paint investigations, elevated concentrations of these compounds were detected in a source area with downgradient sample results showing lesser concentrations, indicating migration to the west towards Parcel II.

Vinyl chloride was detected at four piezometer locations (PZ A-12 Alt, PZ A-11, PZ A-08 Alt, and PZ A-06). Concentrations of vinyl chloride ranged from 2 to 10 ug/l, which is the same order to one order of magnitude above the TOGs 1.1.1 Standard of 2 ug/l. Cis-1,2-dicholorethene was detected at two piezometer locations (PZ A-12 Alt and PZ A-11) with concentrations reported as 8 and 13 ug/l respectively, which is on the same order to one order of magnitude above the TOGS standard of 5 ug/l. Trichloroethene (16 ug/l), was detected in one well (PZ A-11) at a concentration one order of magnitude above the TOGS Standard of 5 ug/l. The source of cis-1,2-dichloroethene, vinyl chloride, 1,1-dichloroethane and trichloroethene is not known. These compounds are associated with perchloroethene decomposition and are not associated with No. 6 fuel oil.

The only other compound that was detected during groundwater sampling of the newly installed piezometers was MTBE. MTBE was detected at 18 ug/l, which is on the same order of magnitude as the TOGS 1.1.1 standard of 10 ug/l. The origin of the MTBE is unknown. MTBE is associated with gasoline and not associated with No. 6 fuel oil.

Chloride concentrations ranged from 190,000 ug/l in the PZ A-06 sample to 500,000 ug/l in the PZ A-09 sample. The distribution of chloride concentrations is not indicative of salt water intrusion unless preferential pathways through the fill exist. However, the concentrations of several samples are above the TOGS guidance value of 250,000 ug/l.

Salinity was not detected in any of the nine groundwater samples at detection limits of 2 parts per thousand (ppth). Salinity levels in sea water are consistent at 35 ppth (Vernier Software & Technology). Therefore, it does not appear the eastern portion of Parcel II is affected by salt water intrusion.

4 Summary

Based on a comparison of the recent groundwater data with the 2012 “Foot Print” Investigation of Complex A, the subsurface conditions appear to be unchanged. Contaminants of concern and concentrations detected in 2015 are generally consistent with the 2012 data. Concentrations detected near the southeast corner of Parcel II (PZ A-06) were lower than the concentrations detected in 2012 (Sample PZ-A-1), but were on the same order of magnitude. Acetone was detected in the central portion of Parcel II during the 2012 investigation but was below detection limits for groundwater samples in 2015.

In summary, consistent with the 2012 investigation, the data obtained during this investigation confirm historic operations at the Fyn Paint facility have impacted the southeastern corner of the Parcel II property with dissolved phased VOCs. Based on this investigation, the horizontal extent of the impact is confirmed to be limited to the southeast corner of Parcel II.

5 References

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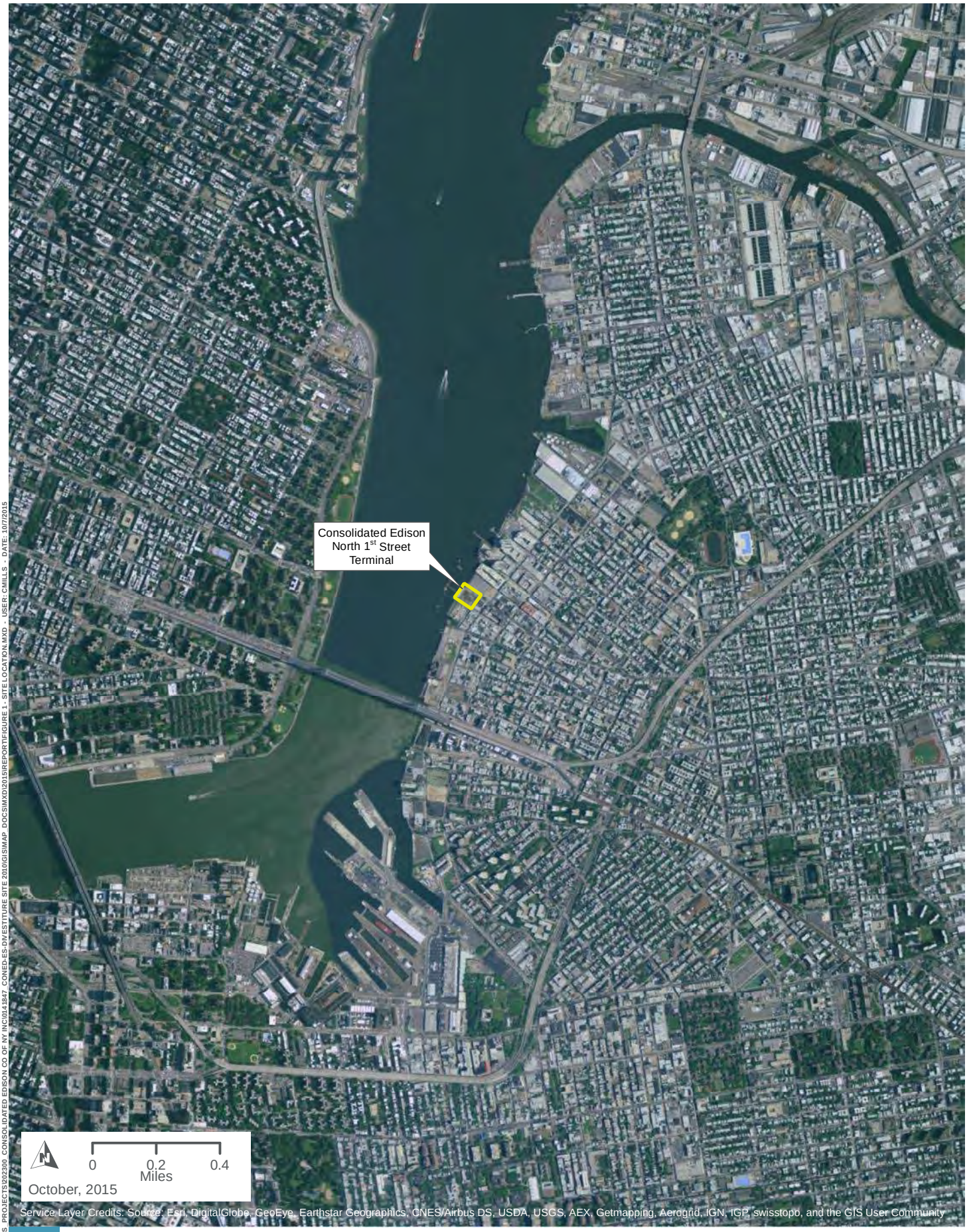
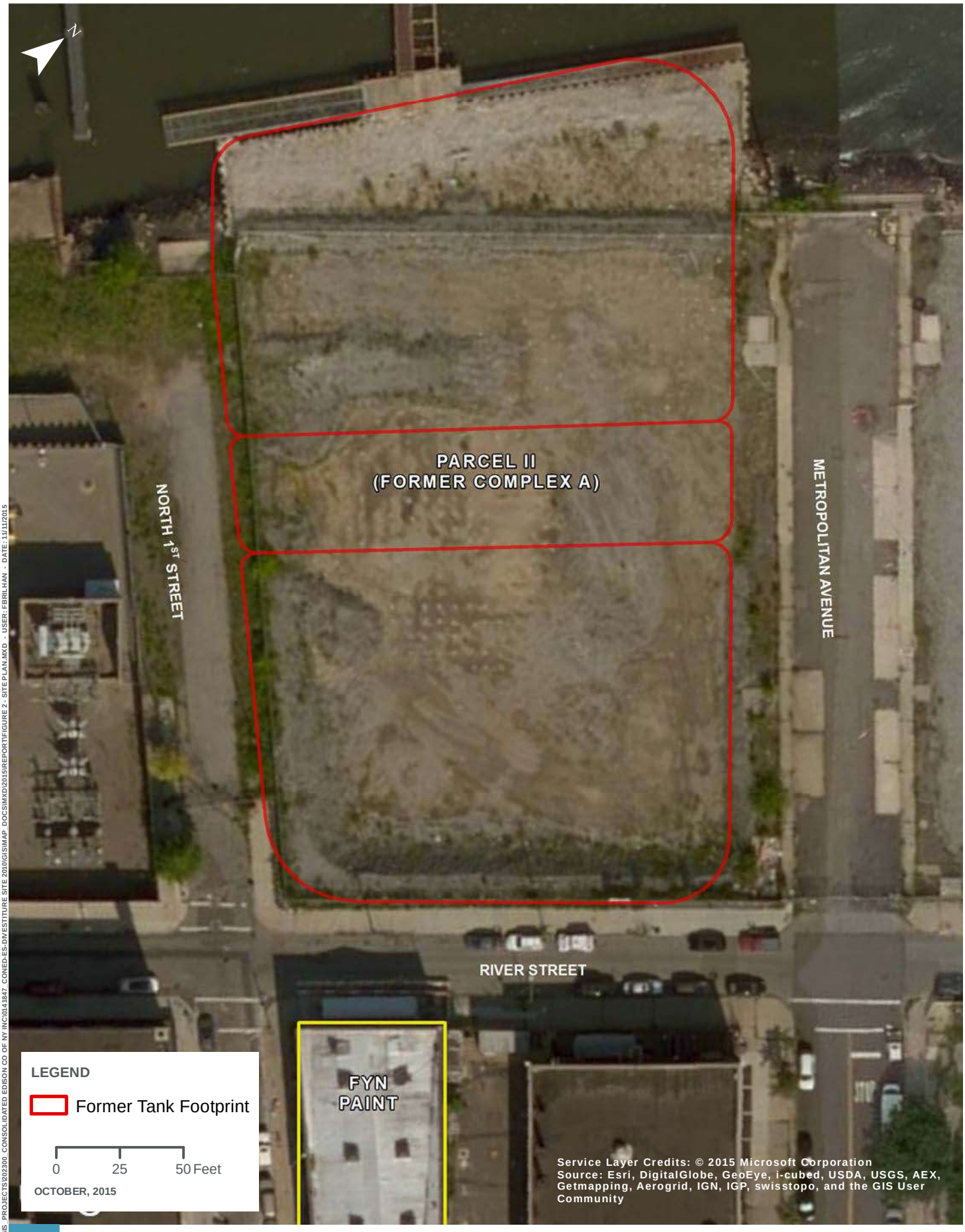


PATH: M:\AP\FILE01\GIS_PROJECTS\202300_CONSOLIDATED EDISON CO OF NY INC\0141847_CONED-ES-DIVESTITURE.SITE 2010\GIS\MAP_DOCS\MXD\2015\REPORT\FIGURE 1 - SITE LOCATION.MXD - USER: CMILLS - DATE: 10/7/2015

SITE LOCATION

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 1



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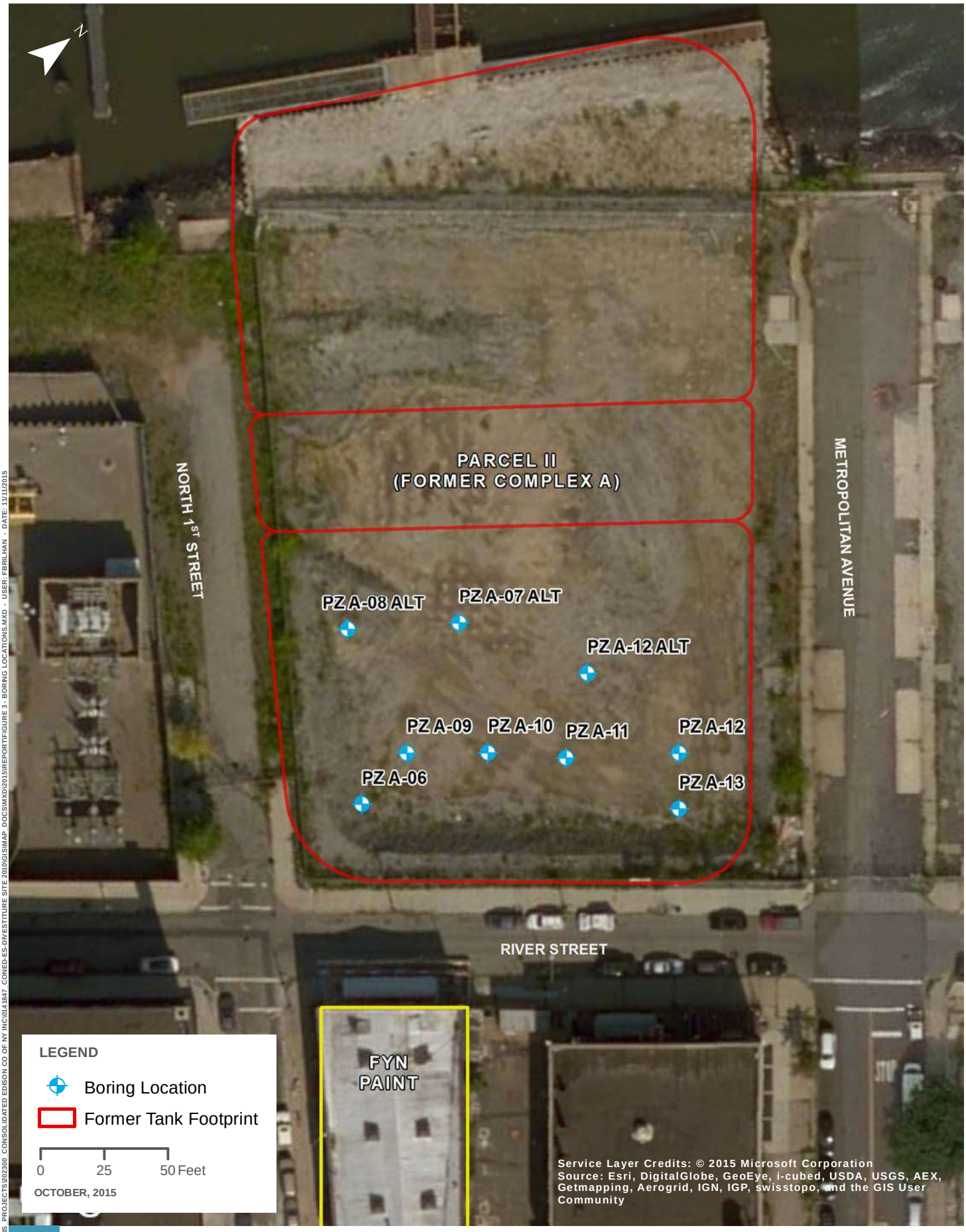
SITE PLAN

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 2

NORTH FIRST STREET TERMINAL SITE INVESTIGATION



PATH: M:\AP\FILE01\GIS_PROJECTS\202300_CONSOLIDATED EDISON CO OF NY INC\41847_CONED-ES-DIVESTITURE SITE 2010\GIS\MAP_DOCS\MXD\2015\REPORT\FIGURE 3 - BORING LOCATIONS.MXD - USER: FBRILHAN - DATE: 11/11/2015

BORING LOCATIONS

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 3

NORTH FIRST STREET TERMINAL SITE INVESTIGATION



PZ A-06 (6)	
Ethylbenzene	22
Total Xylene	135
Toluene	2.3

PZ A-09 (6.5')		
	Parent	Duplicate
Acetone	0.019	0.098

LEGEND

Boring Location

Former Tank Footprint

NOTES:

- Results shown in mg/kg.

Yellow highlighted cells exceed New York State Department of Environmental Conservation Part 375 Protection of Groundwater Soil Cleanup Objectives (SCO).

Green highlighted cells exceed both the Protection of Groundwater SCO and New York State Department of Environmental Conservation Part 375 Restricted Residential Soil Cleanup Objectives.

0 25 50 Feet

OCTOBER, 2015

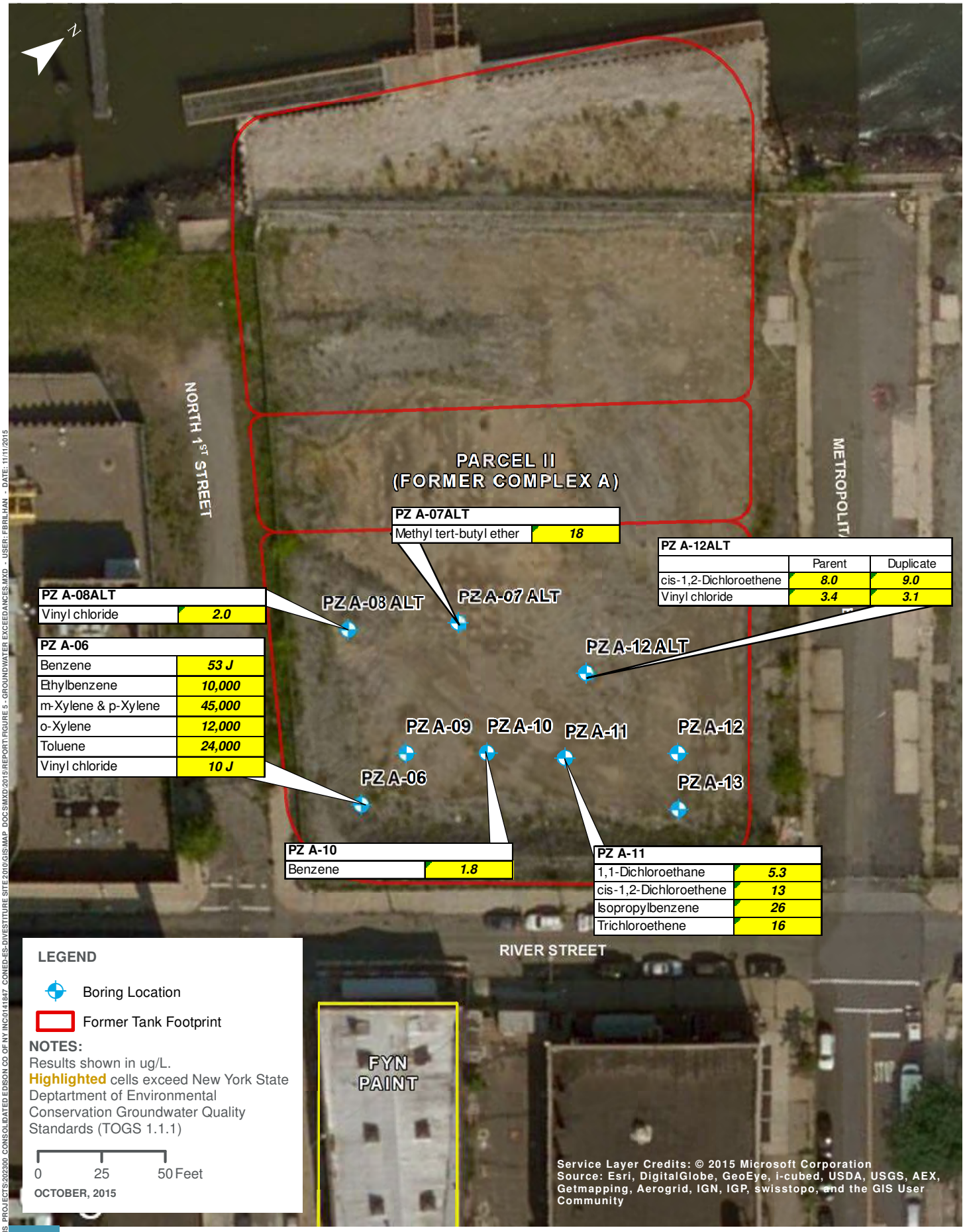
PATH: \\MAHPI-FILE01\GIS_PROJECTS\202300_CONSOLIDATED EDISON CO OF NY INC\0141847_CONED-ES-DIVESTITURE SITE 2010\GIS\MAP_DOCS\MXD\2015\REPORT\FIGURE 4 - SOIL EXCEEDANCES.MXD - USER: FBRILHAN - DATE: 11/11/2015

SOIL SAMPLE RESULTS EXCEEDING COMPARISON CRITERIA

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 4

NORTH FIRST STREET TERMINAL SITE INVESTIGATION



PATH: \\MAHPI-FILE01\GIS_PROJECTS\202300_CONSOLIDATED EDISON CO OF NY INC\014847_CONED-ES-DIVESTITURE SITE 2010\GIS\MAP_DOCS\MXD\2015\REPORT\FIGURE 5 - GROUNDWATER EXCEEDANCES.MXD - USER: FBRILHAN - DATE: 11/11/2015

GROUNDWATER SAMPLE RESULTS EXCEEDING COMPARISON CRITERIA

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

FIGURE 5

NORTH FIRST STREET TERMINAL SITE INVESTIGATION

Table 1 - SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
Consolidated Edison Company of New York - North First Street Terminal
Parcel II Site Investigation
Williamsburg, Brooklyn, New York

Client ID	NY 375-6.8(b)	NY 375-6.8(b)	PZ A-06 (6)		PZ A-09 (6.5')		PZ A-09 (dup) (6.5')		PZ A-08 ALT (6)		**PZ A-07 ALT (5.5')**		**PZ A-10 ALT (6)**		**PZ A-12 ALT(5)**		**PZ A-12(6.5)**		**PZ A-13(7.5)**		**PZ A-11(5.5)**	
Lab Sample ID	& CP-51 T-1	& CP-51 T-1	460-98980-3		460-98980-4		460-98980-5		460-98980-6		460-98980-7		460-98980-8		460-99089-3		460-99089-4		460-99089-5		460-99089-7	
Sampling Date	Restricted Residential	Protection of GW	08/03/2015 09:45:00		08/03/2015 10:50:00		08/03/2015 10:55:00		08/03/2015 11:50:00		08/03/2015 12:45:00		08/03/2015 13:40:00		08/04/2015 11:25:00		08/04/2015 09:30:00		08/04/2015 08:30:00		08/04/2015 10:35:00	
Matrix	Soil Cleanup	Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor	Criteria	Criteria	200		1		1		1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
VOA-8260C-SOIL			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260C																						
1,1,1-Trichloroethane	100	0.68	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,1,2,2-Tetrachloroethane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,1,2-Trichloroethane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,1-Dichloroethane	26	0.27	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,1-Dichloroethene	100	0.33	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,2,3-Trichlorobenzene	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,2,4-Trichlorobenzene	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,2-Dibromo-3-Chloropropane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,2-Dichlorobenzene	100	1.1	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,2-Dichloroethane	3.1	0.02	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,2-Dichloropropane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,3-Dichlorobenzene	49	2.4	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,4-Dichlorobenzene	13	1.8	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
1,4-Dioxane	13	0.1	11	U	0.019	U	0.022	U	0.020	U	0.021	U	0.020	U	0.020	U	0.019	U H	0.020	U H	0.021	U H
2-Butanone (MEK)	100	0.12	2.2	U	0.0061		0.019		0.0041	J	0.006		0.0041	J	0.0056		0.0057	H	0.005	J H	0.010	H
2-Hexanone	NA	NA	2.2	U	0.0047	U	0.0055	U	0.0049	U	0.0054	U	0.0051	U	0.005	U	0.0047	U H	0.0051	U H	0.0052	U H
4-Methyl-2-pentanone (MIBK)	NA	NA	2.2	U	0.0047	U	0.0055	U	0.0049	U	0.0054	U	0.0051	U	0.005	U	0.0047	U H	0.0051	U H	0.0052	U H
Acetone	100	0.05	2.2	U	0.019		***0.098***		0.016		0.028		0.030		0.027		0.023	H	0.012	H	0.044	H
Benzene	4.8	0.06	0.44	U	0.0011		0.00088	J	0.00098	U	0.0011	U	0.001	U	0.00032	J	0.0023	H	0.001	U H	0.0067	H
Bromoform	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Bromomethane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Carbon disulfide	NA	NA	0.44	U	0.00093	U	0.00082	J	0.00098	U	0.0014		0.001	U	0.00065	J	0.00095	U H	0.001	U H	0.00057	J H
Carbon tetrachloride	2.4	0.76	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Chlorobenzene	100	1.1	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Chlorobromomethane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Chlorodibromomethane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Chloroethane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Chloroform	49	0.37	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Chloromethane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
cis-1,2-Dichloroethene	100	0.25	0.44	U	0.0016		0.00078	J	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
cis-1,3-Dichloropropene	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Cyclohexane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Dichlorobromomethane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Dichlorodifluoromethane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Ethylbenzene	41	1	***22***		0.060		0.028		0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.0017	H
Ethylene Dibromide	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Isopropylbenzene	NA	NA	0.44		0.00020	J	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Methyl acetate	NA	NA	2.2	U	0.0047	U	0.0055	U	0.0049	U	0.0054	U	0.0051	U	0.005	U	0.0047	U H	0.0051	U H	0.0052	U H
Methyl tert-butyl ether	100	0.93	0.44	U	0.0014		0.0019		0.00023	J	0.0011	U	0.0013		0.00019	J	0.00095	U H	0.001	U H	0.00030	J H
Methylcyclohexane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Methylene Chloride	100	0.05	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
m-Xylene & p-Xylene	NA	NA	110		0.17		0.087		0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.002	H
o-Xylene	NA	NA	25		0.013		0.0063		0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.0012	H
Total Xylene	100	1.6	***135***		0.183		0.0933		0.00196	U	0.0022	U	0.002	U	0.002	U	0.0019	U H	0.002	U H	0.0032	H
Styrene	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Tetrachloroethene	19	1.3	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Toluene	100	0.7	***2.3***		0.0015		0.00086	J	0.00024	J	0.00028	J	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
trans-1,2-Dichloroethene	100	0.19	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
trans-1,3-Dichloropropene	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Trichloroethene	21	0.47	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Trichlorofluoromethane	NA	NA	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Vinyl chloride	0.9	0.02	0.44	U	0.00093	U	0.0011	U	0.00098	U	0.0011	U	0.001	U	0.001	U	0.00095	U H	0.001	U H	0.001	U H
Total VOC Conc	NA	NA	159.74		0.2739		0.24354		0.02057		0.03568		0.0354		0.03376		0.031		0.017		0.06647	

*T There are no TICs reported for the sample
Yellow Highlighted Concentrations shown in ***bold*** and ***Italic*** type face exceed Protection of Groundwater SCO's only.
Green Highlighted Concentrations shown in ***bold*** and ***Italic*** type face exceed Restricted Residential SCO's and Protection of Groundwater SCO's..
U : Analyzed for but not detected.
J : Indicates an estimated value.
H: Sample were prepped or analyzed beyond the spacified holding times

Table 2 - SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
Consolidated Edison Company of New York
North First Street Terminal - Parcel II
Williamsburg, Brooklyn, NY

Client ID	NY NYSDEC	**NFST-GW-PZ A-13-082615**		**NFST-GW-PZ A-12-082615**		**NFST-GW-PZ A-12ALT-082615**		**NFST-GW_PZ A-12Alt-082615 (Dup)**		**NFST-GW-PZ A-11-082615**	
Lab Sample ID	Groundwater	460-100418-1		460-100418-4		460-100418-5		460-100418-6		460-100418-7	
Sampling Date	Criteria	08/26/2015 09:00:00		08/26/2015 09:55:00		08/26/2015 11:10:00		08/26/2015 11:15:00		08/26/2015 12:45:00	
Matrix		Water		Water		Water		Water		Water	
Dilution Factor		1		1		1		1		1	
Unit	ug/l	ug/l		ug/l		ug/l		ug/l		ug/l	
VOA-8260C-WATER		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
WATER BY 8260C											
1,1-Dichloroethane	5	0.46	J	0.26	J	0.68	J	0.73	J	**5.3**	
1,1-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	0.72	J
1,2-Dichlorobenzene	3	1.0	U	1.0	U	1.0	U	1.0	U	0.98	J
1,2-Dichloroethane	0.6	1.0	U	1.0	U	1.0	U	1.0	U	0.30	J
Acetone	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	1	1.0	U	0.20	J	0.61	J	0.58	J	0.34	J
Carbon disulfide	60	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	0.51	J
Chlorobromomethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorodibromomethane	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroform	7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5	3.8		2.5		**8.0**		**9.0**		**13**	
cis-1,3-Dichloropropene	0.4	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cyclohexane	NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorobromomethane	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorodifluoromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Ethylbenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Ethylene Dibromide	0.0006	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Isopropylbenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	**26**	
Methyl acetate	NA	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	10	0.23	J	0.14	J	5.3		4.9		1.7	
Methylcyclohexane	NA	1.0	U	1.0	U	1.0	U	1.0	U	0.88	J
Methylene Chloride	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
m-Xylene & p-Xylene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
o-Xylene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Styrene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	0.19	J
Toluene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	5	0.22	J	0.19	J	0.78	J	0.95	J	0.57	J
Trichloroethene	5	4.7		2.1		1.0	U	1.0	U	**16**	
Vinyl chloride	2	0.73	J	1.8		**3.4**		**3.1**		0.49	J
Total VOC Conc	NA	10.14		7.19		18.77		19.26		66.98	
WETCHEM-WATER											
WATER BY SM 2520B											
Salinity (ppth)	NA	2.0	U	2.0	U	2.0	U	NA		2.0	U
HPLC/IC-300.0-WATER											
WATER BY 300.0											
Chloride	250,000	485,000		437,000		297,000		NA		338,000	

*T There are no TICs reported for the sample
Highlighted Concentrations shown in bold type face exceed limits
J : Indicates an estimated value.
U : Analyzed for but not detected.
NA: Not analyzed

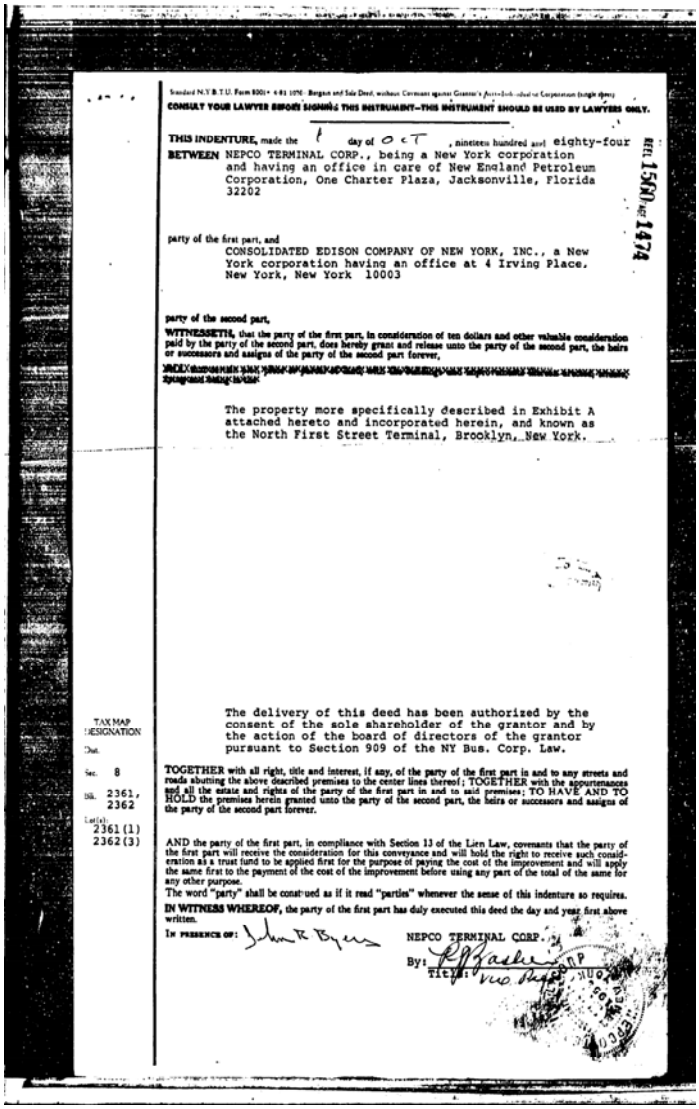
Table 2 - SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RE
Consolidated Edison Company of New York
North First Street Terminal - Parcel II
Williamsburg, Brooklyn, NY

Client ID	NY NYSDEC	NFST-GW-PZ A-07ALT-082615		NFST-GW-PZ A-08ALT-082615		NFST-GW-PZ A-10-082715		NFST-GW-PZ A-09-082715		NFST-GW-PZ A-06-082715	
Lab Sample ID	Groundwater	460-100418-8		460-100418-9		460-100433-1		460-100433-2		460-100433-4	
Sampling Date	Criteria	08/26/2015 14:00:00		08/26/2015 15:00:00		08/27/2015 08:25:00		08/27/2015 10:05:00		08/27/2015 11:35:00	
Matrix		Water		Water		Water		Water		Water	
Dilution Factor		1		1		1		1		100	
Unit	ug/l	ug/l		ug/l		ug/l		ug/l		ug/l	
VOA-8260C-WATER		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
WATER BY 8260C											
1,1-Dichloroethane	5	1.0	U	1.0	U	1.0	U	0.28	J	100	U
1,1-Dichloroethene	5	1.0	U	1.0	U	1.0	U	0.55	J	100	U
1,2-Dichlorobenzene	3	0.36	J	1.0	U	0.32	J	0.45	J	100	U
1,2-Dichloroethane	0.6	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Acetone	50	5.0	U	5.0	U	5.0	U	5.0	U	500	U
Benzene	1	0.54	J	0.34	J	**1.8**		0.14	J	**53**	J
Carbon disulfide	60	0.67	J	0.24	J	1.0	U	1.0	U	100	U
Chlorobenzene	5	3.7		1.0	U	1.0	U	1.0	U	100	U
Chlorobromomethane	5	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Chlorodibromomethane	50	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Chloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Chloroform	7	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Chloromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	100	U
cis-1,2-Dichloroethene	5	0.66	J	0.37	J	0.64	J	2.8		100	U
cis-1,3-Dichloropropene	0.4	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Cyclohexane	NA	0.30	J	1.0	U	1.0	U	1.0	U	100	U
Dichlorobromomethane	50	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Dichlorodifluoromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Ethylbenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	**10000**	
Ethylene Dibromide	0.0006	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Isopropylbenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Methyl acetate	NA	5.0	U	5.0	U	5.0	U	5.0	U	500	U
Methyl tert-butyl ether	10	**18**		1.4		3.2		5.1		100	U
Methylcyclohexane	NA	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Methylene Chloride	5	1.0	U	1.0	U	1.0	U	1.0	U	100	U
m-Xylene & p-Xylene	5	1.0	U	1.0	U	1.0	U	1.0	U	**45000**	
o-Xylene	5	1.0	U	1.0	U	1.0	U	1.0	U	**12000**	
Styrene	5	1.0	U	1.0	U	1.0	U	1.0	U	100	U
Tetrachloroethene	5	1.0	U	1.0	U	1.0	U	0.23	J	100	U
Toluene	5	1.0	U	1.0	U	1.0	U	1.0	U	**24000**	
trans-1,2-Dichloroethene	5	0.22	J	0.26	J	1.0	U	1.0	U	100	U
Trichloroethene	5	1.0	U	1.0	U	0.67	J	4.6		100	U
Vinyl chloride	2	0.37	J	2.0		0.23	J	0.29	J	**10**	J
Total VOC Conc	NA	24.82		4.61		6.86		14.44		91063.0	
WETCHEM-WATER											
WATER BY SM 2520B											
Salinity (ppth)	NA	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
HPLC/IC-300.0-WATER											
WATER BY 300.0											
Chloride	250,000	198,000		233,000		420,000		500,000		190,000	

*T There are no TICs reported for the sample
Highlighted Concentrations shown in bold type face exceed limits
J : Indicates an estimated value.
U : Analyzed for but not detected.
NA: Not analyzed

APPENDIX E: Laboratory Reports (No Documents Are Associated With This Appendix)

APPENDIX F: Other Supporting Documentation



Standard N.Y.B.T.U. Form 8001 • ©1976 - Bargain and Sale Deed, without Covenant against Grantor's Acts - Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 1 day of OCT, nineteen hundred and eighty-four

BETWEEN NEPCO TERMINAL CORP., being a New York corporation and having an office in care of New England Petroleum Corporation, One Charter Plaza, Jacksonville, Florida 32202

party of the first part, and

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC., a New York corporation having an office at 4 Irving Place. New York, New York 10003

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

The property more specifically described in Exhibit A attached hereto and incorporated herein, and known as the North First Street Terminal, Brooklyn, New York.

REC. 1500 PAGE 1474

TAX MAP DESIGNATION

Dist.

Sec. 8

Blk. 2361, 2362

Lot(s): 2361(1) 2362(3)

The delivery of this deed has been authorized by the consent of the sole shareholder of the grantor and by the action of the board of directors of the grantor pursuant to Section 909 of the NY Bus. Corp. Law.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

NEPCO TERMINAL CORP.

By: R P Kasler

Title: Vice President

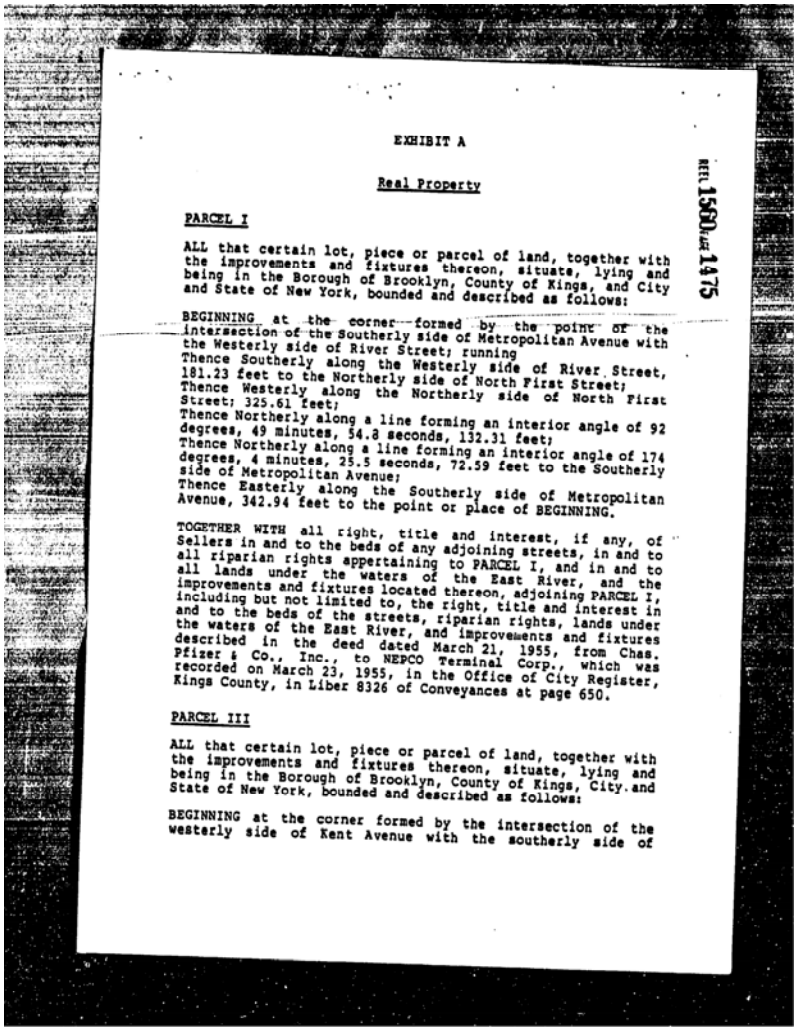


EXHIBIT A

Real Property

REEL 1560 PAGE 1475

PARCEL I

ALL that certain lot, piece or parcel of land, together with the improvements and fixtures thereon, situate, lying and being in the Borough of Brooklyn, County of Kings, and City and State of New York, bounded and described as follows:

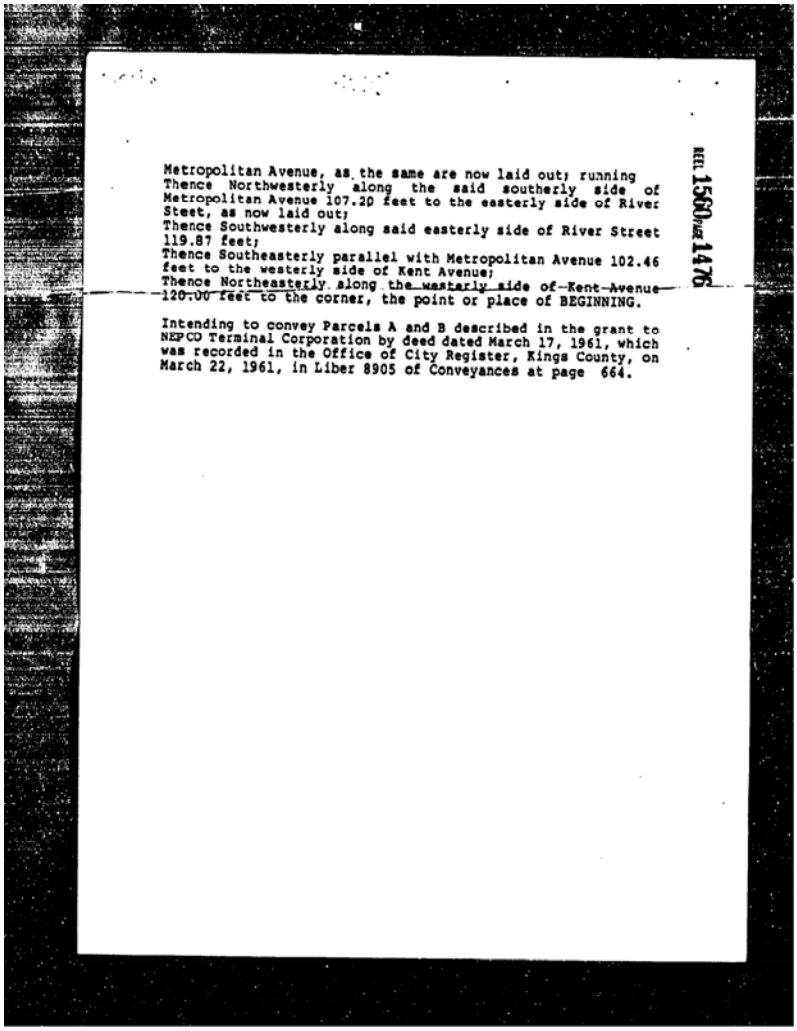
BEGINNING at the corner formed by the point of the intersection of the Southerly side of Metropolitan Avenue with the Westerly side of River Street; running
Thence Southerly along the Westerly side of River Street, 181.23 feet to the Northerly side of North First Street;
Thence Westerly along the Northerly side of North First Street; 325.61 feet;
Thence Northerly along a line forming an interior angle of 92 degrees, 49 minutes, 54.8 seconds, 132.31 feet;
Thence Northerly along a line forming an interior angle of 174 degrees, 4 minutes, 25.5 seconds, 72.59 feet to the Southerly side of Metropolitan Avenue;
Thence Easterly along the Southerly side of Metropolitan Avenue, 342.94 feet to the point or place of BEGINNING.

TOGETHER WITH all right, title and interest, if any, of Sellers in and to the beds of any adjoining streets, in and to all riparian rights appertaining to PARCEL I, and in and to all lands under the waters of the East River, and the improvements and fixtures located thereon, adjoining PARCEL I, including but not limited to, the right, title and interest in and to the beds of the streets, riparian rights, lands under the waters of the East River, and improvements and fixtures described in the deed dated March 21, 1955, from Chas. Pfizer & Co., Inc., to NEPCO Terminal Corp., which was recorded on March 23, 1955, in the Office of City Register, Kings County, in Liber 8326 of Conveyances at page 650.

PARCEL III

ALL that certain lot, piece or parcel of land, together with the improvements and fixtures thereon, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

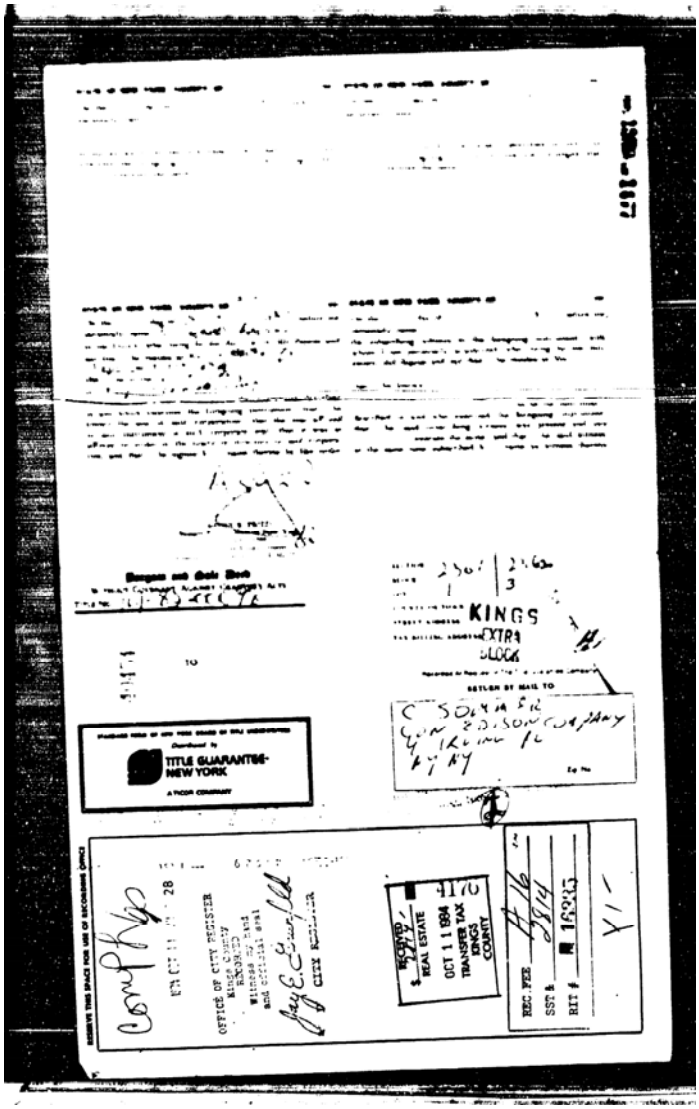
BEGINNING at the corner formed by the intersection of the westerly side of Kent Avenue with the southerly side of

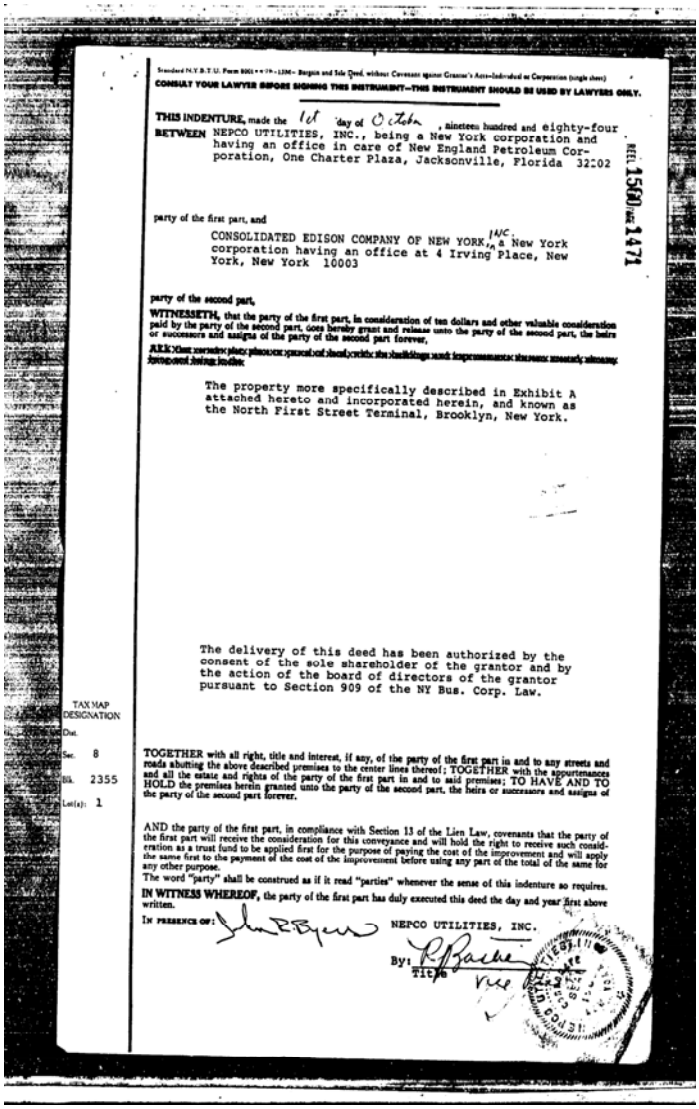


Metropolitan Avenue, as the same are now laid out; running
Thence Northwesterly along the said southerly side of Metropolitan Avenue 107.20 feet to the easterly side of River Steet, as now laid out;
Thence Southwesterly along said easterly side of River Street 119.87 feet;
Thence Southeasterly parallel with Metropolitan Avenue 102.46 feet to the westerly side of Kent Avenue;
Thence Northeasterly along the westerly side of Kent Avenue 120.00 feet to the corner, the point or place of BEGINNING.

Intending to convey Parcels A and B described in the grant to NEPCO Terminal Corporation by deed dated March 17, 1961, which was recorded in the Office of City Register, Kings County, on March 22, 1961, in Liber 8905 of Conveyances at page 664.

REEL 1560 PAGE 1476


KINGS
TITLE GUARANTEE NEW YORK
OCT 11 1994
TRANSFER TAX
KINGS COUNTY
REAL ESTATE
REC. FEE
SST #
RIT #



Standard N.Y.B.T.U. Form 8002 — 10—12M— Bargain and Sale Deed, without Covenant against Grantor's Acts—Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 1st day of October, nineteen hundred and eighty-four

BETWEEN NEPCO UTILITIES, INC., being a New York corporation and having an office in care of New England Petroleum Corporation, One Charter Plaza, Jacksonville, Florida 32202

party of the first part, and

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC., a New York corporation having an office at 4 Irving Place, New York, New York 10003

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

~~ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being~~

The property more specifically described in Exhibit A attached hereto and incorporated herein, and known as the North First Street Terminal, Brooklyn, New York.

REEL 1560 PAGE 1471

The delivery of this deed has been authorized by the consent of the sole shareholder of the grantor and by the action of the board of directors of the grantor pursuant to Section 909 of the NY Bus. Corp. Law.

TAX MAP DESIGNATION
Dist.
Sec. 8
Blk. 2355
Lot(s): 1

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

NEPCO UTILITIES, INC.

By: _____
Title: Vice

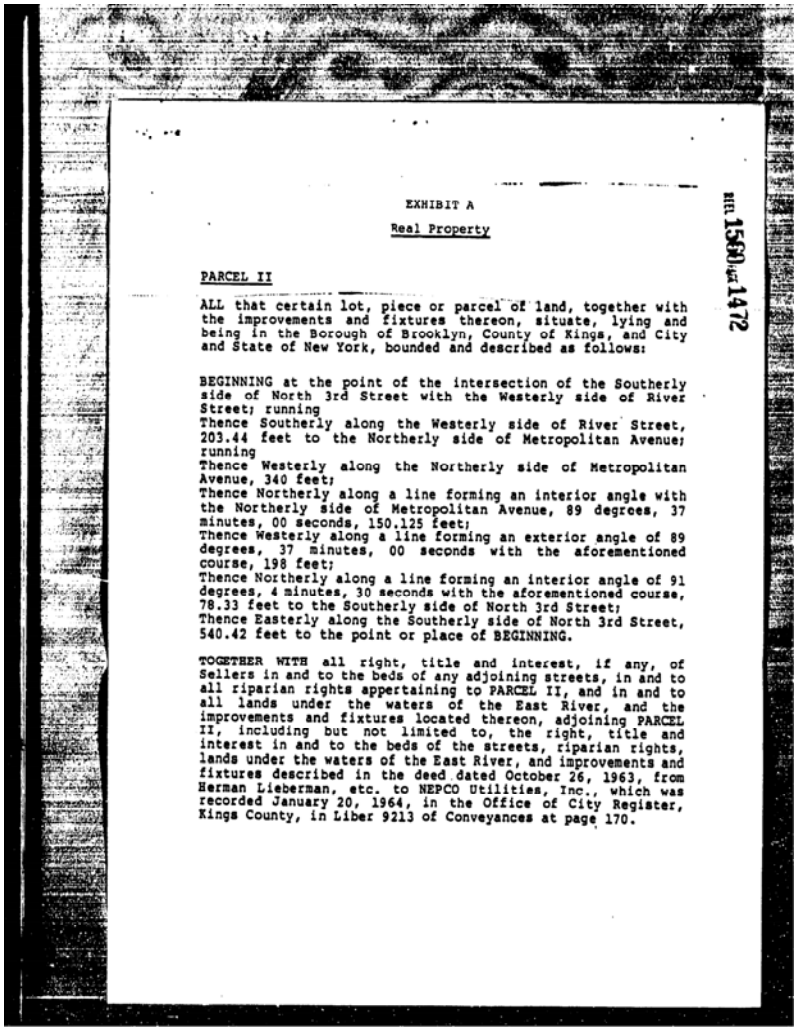


EXHIBIT A

Real Property

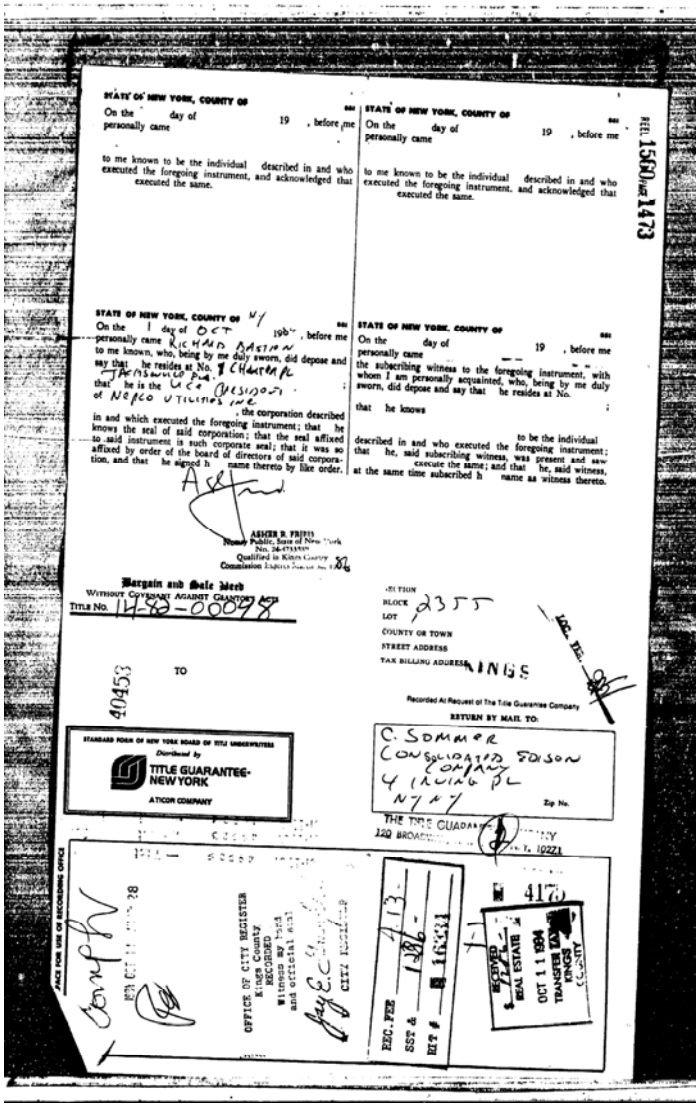
PARCEL II

ALL that certain lot, piece or parcel of land, together with the improvements and fixtures thereon, situate, lying and being in the Borough of Brooklyn, County of Kings, and City and State of New York, bounded and described as follows:

BEGINNING at the point of the intersection of the Southerly side of North 3rd Street with the Westerly side of River Street; running
Thence Southerly along the Westerly side of River Street, 203.44 feet to the Northerly side of Metropolitan Avenue; running
Thence Westerly along the Northerly side of Metropolitan Avenue, 340 feet;
Thence Northerly along a line forming an interior angle with the Northerly side of Metropolitan Avenue, 89 degrees, 37 minutes, 00 seconds, 150.125 feet;
Thence Westerly along a line forming an exterior angle of 89 degrees, 37 minutes, 00 seconds with the aforementioned course, 198 feet;
Thence Northerly along a line forming an interior angle of 91 degrees, 4 minutes, 30 seconds with the aforementioned course, 78.33 feet to the Southerly side of North 3rd Street;
Thence Easterly along the Southerly side of North 3rd Street, 540.42 feet to the point or place of BEGINNING.

TOGETHER WITH all right, title and interest, if any, of Sellers in and to the beds of any adjoining streets, in and to all riparian rights appertaining to PARCEL II, and in and to all lands under the waters of the East River, and the improvements and fixtures located thereon, adjoining PARCEL II, including but not limited to, the right, title and interest in and to the beds of the streets, riparian rights, lands under the waters of the East River, and improvements and fixtures described in the deed dated October 26, 1963, from Herman Lieberman, etc. to NEPCO Utilities, Inc., which was recorded January 20, 1964, in the Office of City Register, Kings County, in Liber 9213 of Conveyances at page 170.

RER 1580 1472



STATE OF NEW YORK, COUNTY OF ss:
On the day of 19 , before me personally came
to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:
On the day of 19 , before me personally came
to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

REEL 1560 PAGE 1473

STATE OF NEW YORK, COUNTY OF NY ss:
On the 1 day of OCT 19 96, before me personally came RICHARD DARIAN to me known, who, being by me duly sworn, did depose and say that he resides at No. 1 CHESTNUT PL
that he is the VICE PRESIDENT of NEPCO UTILITIES INC.
, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

ASHER B. FRITZ
Notary Public, State of New York
No. 24-4733555
Qualified in Kings County
Commission Expires

STATE OF NEW YORK, COUNTY OF ss:
On the day of 19 , before me personally came
the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.
that he knows
to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed
WITHOUT COVENANT AGAINST GRANTORS ACTS
TITLE NO. 14-98-000098

TO

40453

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
TITLE GUARANTEE NEW YORK
A TICOR COMPANY

SECTION
BLOCK 2355
LOT
COUNTY OR TOWN
STREET ADDRESS
TAX BILLING ADDRESS KINGS

Recorded At Request of The Title Guarantee Company

RETURN BY MAIL TO:
C. SOMMER
CONSOLIDATED EDISON COMPANY
4 IRVING PL
NYNY
Zip No.

THE TITLE GUARANTEE COMPANY
120 BROADWAY, N.Y. 10271

SPACE FOR USE OF RECORDING OFFICE

OFFICE OF CITY REGISTER
Kings County
RECORDED
Witness my hand and official seal

CITY REGISTER

REC. FEE 13
SSS 4 1.50
MTA 1.00

RECEIVED
$ REAL ESTATE
OCT 11 1996
TRANSFER TAX
KINGS COUNTY

David Pulvermiller

From: New York DEC Support <newyorkdec@mycusthelp.net>
Sent: Thursday, August 29, 2019 6:04 PM
To: David Pulvermiller
Subject: FOIL Request :: W057473-082919

Dear David:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 8/29/2019 and given the reference number FOIL #W057473-082919 for tracking purposes. You may expect the Department's response to your request no later than **9/30/2019**.

Record Requested: **Fyn Paint and Lacquer Co. Inc., 230 Kent Avenue and 33 North 1st Street, Brooklyn, NY. All documentation including Remedial Action Reports, soil, soil vapor, and groundwater testing, Soil Vapor Extraction (SVE) system operation around 2014, and current groundwater testing related to both a Voluntary Cleanup Program (VCP) Listing #V00380, IHWDS #224154, CBS #2-000151, Brownfield Cleanup (BCP) #C224154 and C224154A. We would also like all available electronic records for this facility regarding Spill #9815508 recorded on 3/30/1999.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

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Track the issue status and respond at: https://mycusthelp.com/NEWYORKDEC//_rs/RequestEdit.aspx?rid=57473

David Pulvermiller

From: New York DEC Support <newyorkdec@mycusthelp.net>
Sent: Thursday, August 29, 2019 5:44 PM
To: David Pulvermiller
Subject: FOIL Request :: W057471-082919

Dear David:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 8/29/2019 and given the reference number FOIL #W057471-082919 for tracking purposes. You may expect the Department's response to your request no later than **9/30/2019**.

Record Requested: **Former North First Street Terminal (A.k.a. NEPCO Terminal Corp.), 87 River Street and 2 North 1st Street, 87-105 River Street and Con Edison at 214 Kent Avenue, Brooklyn, NY. All records regarding the decommissioning of an MOSF and CBS facility, including Tank Closure Reports, Site Investigation Reports, soil and groundwater sampling, and any remedial actions for PBS #s 2-00330 (CBS) and 2-1480 (MOSF).**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

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Track the issue status and respond at: https://mycusthelp.com/NEWYORKDEC//_rs/RequestEdit.aspx?rid=57471

David Pulvermiller

From: New York DEC Support <newyorkdec@mycusthelp.net>
Sent: Thursday, August 29, 2019 5:32 PM
To: David Pulvermiller
Subject: FOIL Request :: W057470-082919

Dear David:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 8/29/2019 and given the reference number FOIL #W057470-082919 for tracking purposes. You may expect the Department's response to your request no later than **9/30/2019**.

Record Requested: **North 1st Street Fuel Terminal and Con Edison (87-105 River Street, River Street and Metropolitan Avenue, North 1st Street and River Street, and 214 Kent Avenue), Brooklyn, NY. All Spill records and Closure Letters for the Case #s and dates reported presented below: 1. 0211678 on 2/25/2003. 2. 1200752 on 6/15/2012. 3. 1703788 on 7/18/2017. 4. 1113073 on 2/16/2012. 5. 1112968 on 2/13/2012. 6. 0012366 on 2/17/2001. 7. 9604977 on 7/16/1996. 8. 0913214 on 3/17/2010. 9. 9009234 on 11/24/1990. 10. 9004154 on 7/15/1990. 11. 9509444 on 10/30/1995. 12. 9007240 on 10/2/1990. 13. 9509439 on 10/30/1995. 14. 0102881 on 6/15/2001. 15. 0411925 on 2/8/2005. 16. 9611792 on 12/30/1996. 17. 9812775 on 1/17/1999. 18. 9007596 on 10/10/1990. 19. 9412429 on 12/16/1994. 20. 9910708 on 12/8/1999. 21. 1112991 on 2/13/2012. 22. 9910798 on 12/10/1999. 23. 9606882 on 8/29/1996. 24. 0103037 on 6/19/2001. 25. 9412417 on 12/16/1994. 26. 1110602 on 11/29/2011.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

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Track the issue status and respond at: https://mycusthelp.com/NEWYORKDEC//_rs/RequestEdit.aspx?rid=57470

APPENDIX G: Qualifications of Environmental Professionals

RESUME

DAVID C. PULVERMILLER
PROJECT MANAGER

PROFESSIONAL EDUCATION

Bachelor of Arts, Environmental Science, State University of New York at Plattsburgh - 1988

CERTIFICATIONS / QUALIFICATIONS

- New York State Asbestos Inspector
- NRPP Residential Measurement Provider
- Certified Home Inspector, InterNACHI
- Lead Awareness Training
- HUD PCNA Training - Addressing Accessibility in Capital Needs Assessments
- Termites and Other Wood Destroying Pests Training
- HAZWOPER Training with Annual Refresher

SELECTED EXPERIENCE

Mr. Pulvermiller brings over twenty-three years of experience with a diverse technical background that has focused on environmental project management to Nova Consulting Group. As an Environmental Professional, he has completed over 1,000 Phase I Environmental Site Assessments (ESAs), numerous soil and groundwater studies, and remediation projects throughout the northeast.

PHASE I ENVIRONMENTAL SITE ASSESSMENTS AND PROPERTY CONDITIONS ASSESSMENTS

Mr. Pulvermiller has conducted Phase I and II Environmental Assessments, remedial investigations and cleanups, and Property Condition Assessments in 15 states across the country for REITs, CMBS lenders, banks, developers and other forms of lenders, government agencies and investors nationwide. Property types inspected range from high-rise towers, office buildings, shopping centers, hotels, apartment buildings, warehouses, industrial manufacturing facilities, and storage facilities. Reports were prepared for the following clients and protocols: JP Morgan, Home Loan and Investment Bank, Ridgewood Savings Bank, North Fork Bank, Union Savings Bank, Merrill Lynch, Bear Stearns, Prudential Mortgage Capital Company, First Union Bank, Washington Mutual, and numerous others. Currently he is part of the management team in the New York office to provide a full range of real estate due diligence service including PCA's, Phase I & II environmental reports and asbestos surveys.

SITE EVALUATION AND REMEDIATION

Mr. Pulvermiller has served as a project manager and field operations supervisor for many large-scale remediation projects including soil removal and disposal prior to the construction of the 101 Avenue of the Americas office building in Manhattan, New York. Operated as a Health and Safety Officer during a portion of the PCB remediation project at the SUNY New Paltz, New York campus.

Since 1993, Mr. Pulvermiller has been a vice president for a company on Long Island, New York and owned his own firm for a number of years prior to joining Nova. These firms specialized in the preparation of Phase I and II Environmental Site Assessments, soil and groundwater investigations and remediation, asbestos surveys, and UST removals for various lending institutions, developers, and other investors nationwide. Additionally, he has extensive experience with bringing properties into compliance with federal and state regulatory agencies including the USEPA, NYSDEC, NJDEP, and CTDEP.

DEANNA LEE, EP
SENIOR PROJECT MANAGER

PROFESSIONAL EDUCATION

Bachelor of Science, Chemical Engineering, Chung-Ang University, Seoul, South Korea, 2001

CERTIFICATIONS / QUALIFICATIONS

- Environmental Professional (EP) in accordance with ASTM E1527-13
- California Asbestos Building Inspector, #21056
- Phase I Environmental Site Assessment Experience, 14+ years
- OSHA 40 Hour Hazardous Waste Operations Certification (29CFR 1910.120)
- Termite and Wood Destroying Pests Training
- AARST/NRPP Certified Radon Measurement Provider

SELECTED EXPERIENCE

Ms. Lee is an Environmental Professional with more than ten years of experience in environmental consulting industry. Her experience includes the organization and project management of Phase I Environmental Site Assessments (ESAs) on various types of properties including vacant land, multi-family residential properties, hotels, offices, retail shopping center, mobile home parks, auto repair facilities, warehouses, and industrial facilities, supervising of Phase II Investigation including dry cleaning operations, gasoline service stations, and industrial properties, third party consultation on behalf of public and private clients with regard to contaminated sites and adjacent contaminated sites, and communicating with regulatory agencies in most of City and County of California.

Ms. Lee has conducted over 1,000 ESAs in accordance with ASTM E1527, the EPA All Appropriate Inquiry rule, and Freddie/Fannie including several ARCO Shell, Chevron branded gasoline service stations and advised the clients including lenders, developers, and real estate investors throughout her career.

Ms. Lee conducted a Phase I ESA of a 5-acre truck terminal with a truck maintenance facility located in the City of South Gate, California. This facility historically maintained two underground storage tanks and clarifiers which were removed from the property. The fill material was identified within the southern portion of the property in late 1940s and 1950s. Also, this site was associated with an incomplete investigation with the Los Angeles County Department of Public Works (LACDPW) and identified as a potential candidate for a Preliminary Assessment with United States Environmental Protection Agency (USEPA). Ms. Lee's investigation recommended a Phase II investigation in connection with the onsite fill material and the incomplete investigation with the LACDPW.

Ms. Lee conducted a Phase I ESA for a vacant lot located in the City of El Monte, California. The northern portion of this property was located within a National Priority Lists (NPL) area with groundwater and soil contamination with various volatile organic compounds (VOCs), trichloroethylene (TCE), and tetrachloroethylene (PCE) and this property was a probable location of a closed illegal landfill operated by CalTrans from 1960 until 1977. Ms. Lee managed a Phase II investigation including soil and soil vapor sampling at this property.

RAYMOND H. HUTCHISON
VICE PRESIDENT

PROFESSIONAL EDUCATION

Bachelor of Science, Environmental Science, William Paterson College, Wayne, NJ, 1994

CERTIFICATIONS/QUALIFICATIONS

- New York State Department of Labor, Asbestos Project Designer
- New York State Department of Labor, Asbestos Management Planner
- New York State Department of Labor, Project Monitor
- New York City Department of Environmental Protection, Asbestos Investigator
- New Jersey Department of Environmental Protection, Licensed Subsurface Evaluator
- Certified Environmental Inspector
- 40-Hour OSHA Hazard Materials Worker and Technician
- 24 Hour OSHA Health and Safety Course
- AHERA/ New York State Department of Labor, Asbestos Inspector
- California Environmental Protection Agency - Registered Environmental Assess

CREDENTIALS

- School of Continuing and Professional Studies – Certificate in Real Estate Finance and Investment
- Environmental and Occupational Health Sciences Institute, New Jersey Asbestos Safety Technician Course
- GE Capital Services, Center for Learning & Organizational Excellence - Supplier Champions Training
- Rutgers University, Cooks College School of Continuing Education - Technical and Regulatory Training in Underground Storage Tanks,
- Rutgers University, Cooks College School of Continuing Education - Surface/Groundwater and Soil Field Sampling
- NYU, School of Continuing Education - Phase I Environmental Assessment and NYSDOH Asbestos Investigations

EXPERIENCE

Mr. Hutchison has over seventeen years of experience in the engineering and environmental science fields. His experience involves Phase I Environmental Site Assessments, lead-based paint surveys, radon testing, and drinking water surveys of various real estate including premium class hotels, various mid-sized and large-sized mall facilities, apartment complexes, commercial offices, retail buildings, nursing home facilities, and industrial facilities. He has been personally involved in the details of thousands of real estate transactions for various client types and therefore understands the specific needs and scopes of work required for the different parties involved in the transaction. He is familiar with the due diligence requirements of a varied number of reporting standards, including the new standard ASTM E1527-05, EPA's All Appropriate Inquiry (AAI), Fannie Mae DUS, and Freddie Mac. He also has experience with fulfilling numerous customized client scopes of work. His due diligence resume includes experience at all levels including advising lenders, real estate investors, and other client types through the following product types: Phase I

Environmental Site Assessments, Environmental Transaction Screens, Phase II Subsurface Investigations, Remedial Cost Estimates, Remediation Design, Property Condition Assessments, Probable Maximum Loss Assessments, Preliminary Endangerment Assessments, Lead-Based Paint Surveys, Asbestos Surveys and Asbestos Abatement.

He has experience reviewing thousands of Phase I Environmental Site Assessments, Phase II Subsurface Investigations, Property Condition Assessments and Asbestos Surveys for others.

His Phase II experience includes soil sampling, groundwater sampling, installation of groundwater monitoring wells, underground storage tank testing and removal, and dry-cleaner subsurface evaluations. Additional previous environmental experience includes conducting technical reviews of air permit applications and underground storage tank applications and performing regulation compliance inspections at manufacturing facilities.

He also has experience conducting asbestos surveys, asbestos abatement design and monitoring, preparation of technical specifications and general conditions of contracts for asbestos abatement projects and preparation of regulatory documentation of asbestos investigations. He has been the point person for many asbestos abatement projects; his responsibilities included negotiating bids and hiring contractors, executing contracts, creating and implementing protocol, developing client-specific report templates, supervising inspectors and monitors, and reviewing subcontractor logs and documentation.

He has assisted clients on over 15,000 commercial real estate transactions throughout his career. His due diligence experience encompasses all levels, including, but not limited to, advising lenders, REITS, developers, property managers, attorneys, and real estate investors through every aspect of the real estate transaction throughout the United States and Europe. He has provided coordination and review of property assessments for many portfolios for both private equity owners and major financial institutions. The reviews presented the current conditions at the properties, costs to address deficiencies and costs to address future capital replacements.

Other major projects include large-scale loan portfolios, due diligence assessments encompassing equity level Property Condition Assessments, which have included projects requiring aggregation of specialty service scopes within the realm of building sciences. His collective experience in the field of real estate due diligence has enabled him to support property owners, prospective purchasers, and clients' legal counsel through numerous successful transactions of major New York City landmark buildings.